LSFG関連論文リスト

No.	タイトル	著者	雑誌名	巻(Volume)	号(Issue)	ページ	発行年	発行月	doi	リンク
1	Elevated choroidal blood flow velocity during systemic corticosteroidtherapy in Vogt-Koyanagi-Harada disease	Shigeki Hirose, Wataru Saito, Kazuhiko Yoshida, Michiyuki Saito, Zhenyu Dong, Kenichi Namba, Hisao Satoh and Shigeaki Ohno	Acta Ophthalmologica	86	8	902-907	2008	12	10.1111/j.1755-3768.2008.01384.x	http://dx.doi.org/10.1111/j.1755-3768.2008.01384.x
2	Astaxanthin increases choroidal blood flow velocity	Michiyuki Saito, Kazuhiko Yoshida, Wataru Saito, Akio Fujiya, Kazuhiro Ohgami, Nobuyoshi Kitaichi, Hiroki Tsukahara, Susumu Ishida and Shigeaki Ohno	Graefe's Archive for Clinical and Experimental Ophthalmology	250	2	239-245	2012	2	10.1007/s00417-011-1843-1	http://dx.doi.org/10.1007/s00417-011-1843-1
3	Increased macular choroidal blood flow velocity during systemic corticosteroid therapy in a patient with acute macular neuroretinopathy	Hashimoto Yuki, Saito Wataru, Mori Shohei, Saito Michiyuki and Ishida Susumu	Clinical Ophthalmology	6		1645-1649	2012		10.2147/OPTH.S35854	http://dx.doi.org/10.1136/10.2147/OPTH.S35854
4	Macular choroidal blood flow velocity decreases with regression of acute central serous chorioretinopathy	Michiyuki Saito, Wataru Saito, Yuki Hashimoto, Chikako Yoshizawa, Akio Fujiya, Kousuke Noda, and Susumu Ishida	British Journal of Ophthalmology	97	6	775-780	2013	6	10.1136/bjophthalmol-2012-302349	http://dx.doi.org/10.1136/bjophthalmol-2012-302349
5	Correlation between decreased choroidal blood flow velocity and the pathogenesis of acute zonal occult outer retinopathy	Michiyuki Saito, Wataru Saito MD, Yuki Hashimoto, Chikako Yoshizawa, Yasuhiro Shinmei, Kousuke Noda and Susumu Ishida	Clinical & Experimental Ophthalmology	42	2	139–150	2014	3	10.1111/ceo.12143	http://dx.doi.org/10.1111/ceo.12143
6	Impaired Circulation in the Thickened Choroid of a Patient with Serpiginous Choroiditis	Ai Takahashi, Wataru Saito, Yuki Hashimoto, Michiyuki Saito and Susumu Ishida	Ocular Immunology and Inflammation	0		1-5	2014	4	10.3109/09273948.2014.902075	http://dx.doi.org/10.3109/09273948.2014.902075
7	Enhanced-depth Imaging Optical Coherence Tomography and Laser Speckle Flowgraphy in a Patient with Acute Macular Neuroretinopathy	Kiriko Hirooka, Wataru Saito, Kousuke Noda and Susumu Ishida	Ocular Immunology & Inflammation	0		1-5	2014	5	10.3109/09273948.2014.916305	http://dx.doi.org/10.3109/09273948.2014.916305
8	Increased macular choroidal blood flow velocity and decreased choroidal thickness with regression of punctate inner choroidopathy	Kiriko Hirooka, Wataru Saito, Yuki Hashimoto, Michiyuki Saito and Susumu Ishida	BMC Ophthalmology	14	1	73	2014		10.1186/1471-2415-14-73	http://dx.doi.org/10.1186/1471-2415-14-73
9	Decreased choroidal blood flow velocity in the pathogenesis of multiple evanescent white dot syndrome	Yuki Hashimoto, Wataru Saito, Michiyuki Saito, Kiriko Hirooka, Shohei Mori, Kousuke Noda and Susumu Ishida	Graefe's Archive for Clinical and Experimental Ophthalmology			1-8	2014		10.1007/s00417-014-2831-z	http://dx.doi.org/10.1007/s00417-014-2831-z
10	Relationship between choroidal blood flow velocity and choroidal thickness during systemic corticosteroid therapy for Vogt–Koyanagi–Harada disease	Kiriko Hirooka, Wataru Saito, Kenichi Namba, Yuko Takemoto, Kazuomi Mizuuchi, Tomoe Uno, Yoshiaki Tagawa, Yuki Hashimoto and Susumu Ishida	Graefe's Archive for Clinical and Experimental Ophthalmology			1-9	2015		10.1007/s00417-014-2927-5	http://dx.doi.org/10.1007/s00417-014-2927-5
11	Increased choroidal blood flow velocity with regression of unilateral acute idiopathic maculopathy	Yuki Hashimoto, Wataru Saito, Michiyuki Saito, Kiriko Hirooka, Shohei Mori, Kousuke Noda and Susumu Ishida	Japanese Journal of Ophthalmology			1-9	2015		10.1007/s10384-015-0380-6	http://dx.doi.org/10.1007/s10384-015-0380-6
12	Pulse Waveform Changes in Macular Choroidal Hemodynamics With Regression of Acute Central Serous Chorioretinopathy	Michiyuki Saito, Wataru Saito, Kiriko Hirooka, Yuki Hashimoto, Shohei Mori, Kousuke Noda and Susumu Ishida	Investigative Ophthalmology & Visual Science	56	11	6515-6522	2015	10	10.1167/iovs.15-17246	http://dx.doi.org/10.1167/iovs.15-17246
13	Increased choroidal blood flow velocity with regression of acute posterior multifocal placoid pigment epitheliopathy	Kiriko Hirooka, Wataru Saito , Michiyuki Saito, Yuki Hashimoto, Shohei Mori, Kousuke Noda and Susumu Ishida	Japanese Journal of Ophthalmology			1-7	2016		10.1007/s10384-016-0440-6	http://dx.doi.org/10.1007/s10384-016-0440-6
14	Choroidal circulation impairment during the anterior recurrence of Vogt–Koyanagi–Harada disease confirmed with indocyanine green angiography and laser speckle flowgraphy	Yuko Takemoto, Kenichi Namba, Kazuomi Mizuuchi, Daiju Iwata, Tomoe Uno, Shigeaki Ohno, Kiriko Hirooka, Yuki Hashimoto, Wataru Saito, Kazuhisa Sugiyama and Susumu Ishida	Acta Ophthalmologica				2016	4	10.1111/aos.13024	http://dx.doi.org/10.1111/aos.13024
15	Laser speckle flowgraphy でみるぶどう膜疾患	橋本 勇希, 南場 研一, 石田 晋	眼科	58	11	1200-1206	2016	10		http://www.kanehara-shuppan.co.jp/magazines/detail.html?kubun=02453&code=024532016105
16	Relationship between Choroidal Thickness and Visual Field Impairment in Acute Zonal Occult Outer Retinopathy	Yuki Hashimoto, Wataru Saito, Michiyuki Saito, Yuka Hasegawa, Akari Takita, Shohei Mori, Kousuke Noda and Susumu Ishida	Journal of Ophthalmology				2017		10.1155/2017/2371032	https://doi.org/10.1155/2017/2371032

17	Relationship between choroidal blood flow velocity and choroidal thickness in patients with regression of acute central serous chorioretinopathy	Michiyuki Saito, Kousuke Noda, Wataru Saito and Susumu Ishida	Graefe's Archive for Clinical and Experimental Ophthalmology			2017	9	10.1007/s00417-017-3791-x	https://doi.org/10.1007/s00417-017-3791-x
18	Changes in blood flow velocity and thickness of the choroid in a patient with leukemic retinopathy	Akari Takita, Yuki Hashimoto, Wataru Saito, Satoru Kase and Susumu Ishida	American journal of ophthalmology case reports	12	68-72	2018	9	10.1016/j.ajoc.2018.09.001	https://doi.org/10.1016/j.ajoc.2018.09.001
19	Involvement of circulatory disturbance in optic disk melanocytoma with visual dysfunction	Iku Kikuchi, Satoru Kase, Yuki Hashimoto, Kiriko Hirooka and Susumu Ishida	Graefe's Archive for Clinical and Experimental Ophthalmology		1-7	2019	2	10.1007/s00417-019-04257-7	https://doi.org/10.1007/s00417-019-04257-7
20	Increased thickness and decreased blood flow velocity of the choroid in a patient with acute macular neuroretinopathy	Yuki Hashimoto, Wataru Saito, Michiyuki Saito, Yuka Hasegawa and Susumu Ishida	BMC Ophthalmology	19		2019	5	10.1186/s12886-019-1123-0	https://doi.org/10.1186/s12886-019-1123-0
21	Acute Zonal Occult Outer Retinopathy	Wataru Saito, Susumu Ishida	Inflammatory and Infectious Ocular Disorders. Retina Atlas.			2019	9	10.1007/978-981-13-8546-9_6	https://doi.org/10.1007/978-981-13-8546-9_6
22	Increased choroidal blood flow and choroidal thickness in patients with hypertensive chorioretinopathy	Michiyuki Saito, Kousuke Noda, Wataru Saito, Kiriko Hirooka, Yuki Hashimoto and Susumu Ishida	Graefe's Archive for Clinical and Experimental Ophthalmology			2019	11	10.1007/s00417-019-04511-y	https://doi.org/10.1007/s00417-019-04511-y
23	Optic nerve head microcirculation in congenital nasal optic disc hypoplasia	Yuka Hasegawa, Yuki Hashimoto, Yasuhiro Shinmei and Susumu Ishida	Graefe's Archive for Clinical and Experimental Ophthalmology			2019	11	10.1007/s00417-019-04540-7	https://doi.org/10.1007/s00417-019-04540-7
24	Changes in choroidal blood flow velocity in patients diagnosed with central serous chorioretinopathy during follow-up for pachychoroid pigment epitheliopathy	Wataru Saito, Yuki Hashimoto, Kiriko Hirooka and Susumu Ishida	American Journal of Ophthalmology Case Reports			2020	3	10.1016/j.ajoc.2020.100651	https://doi.org/10.1016/j.ajoc.2020.100651
25	Multimodal imaging in sclerochoroidal calcification: a case report and literature review	Mizuho Mitamura, Satoru Kase and Susumu Ishida	BMC Ophthalmology	20	1 1-5	2020	6	10.1186/s12886-020-01520-y	https://doi.org/10.1186/s12886-020-01520-y
26	Laser speckle flowgraphy in juxtapapillary retinal capillary hemangioblastoma: a case report on natural course and therapeutic effect	Mizuho Mitamura, Satoru Kase, Kiriko Hirooka and Susumu Ishida	Oncotarget	11	42 3800-3804	2020	10	10.18632/oncotarget.27771	https://doi.org/10.18632/oncotarget.27771
27	Involvements of choroidal vascular structures with local treatments in patients with diabetic macular edema	Satoru Kase, Hiroaki Endo, Mitsuo Takahashi, Masahiko Yokoi, Yuki Ito, Satoshi Katsuta, Shozo Sonoda, Taiji Sakamoto, Susumu Ishida and Manabu Kase	European Journal of Ophthalmology			2021	6	10.1177/11206721211027103	https://doi.org/10.1177/11206721211027103
28	Laser speckle flowgraphy findings in focal scleral nodule	Yui Yamashita, Michiyuki Saito, Kiriko Hirooka and Susumu Ishida	Graefe's Archive for Clinical and Experimental Ophthalmology		1-4	2021	8	10.1007/s00417-021-05391-x	https://doi.org/10.1007/s00417-021-05391-x
29	Imbalanced choroidal circulation in eyes with asymmetric dilated vortex vein	Kiriko Hirooka, Michiyuki Saito, Yui Yamashita, Yuki Hashimoto, Nobuhiro Terao, Hideki Koizumi, Kousuke Noda and Susumu Ishida	Japanese Journal of Ophthalmology	66	1 14-18	2021	12	10.1007/s10384-021-00889-7	https://doi.org/10.1007/s10384-021-00889-7
30	Optic Nerve Head Microcirculation in Eyes with Vogt-Koyanagi-Harada Disease Accompanied by Anterior Ischemic Optic Neuropathy	Yui Yamashita, Yuki Hashimoto, Kenichi Namba, Kazuomi Mizuuchi and Susumu Ishida	Case Reports in Ophthalmology	12	899-908	2021	12	10.1159/000520036	https://doi.org/10.1159/000520036
31	Laser speckle flowgraphy findings in a patient with radiation retinopathy	Satoru Kase, Ayaka Hasegawa, Kiriko Hirooka, Hiroaki Endo, Kousuke Noda and Susumu Ishida	International Journal of Ophthalmology	15	1 172–174	2022	1	10.18240/ijo.2022.01.26	https://dx.doi.org/10.18240/ijo.2022.01.26
32	Alterations of choroidal circulation and vascular morphology in a patient with chronic myeloid leukemia before and after chemotherapy	Mizuho Mitamura, Satoru Kase, Kiriko Hirooka, Hiroaki Endo, Yuki Ito, Yuko Cho and Susumu Ishida	BMC Ophthalmology	22	1 1-7	2022	4	10.1186/s12886-022-02380-4	https://doi.org/10.1186/s12886-022-02380-4
33	Subretinal fluid accumulation in a patient with polycythemia vera after receiving a prostaglandin I2 analogue treatment	Tomoko Noda, Kousuke Noda, Kiriko Hirooka, Satoru Kase and Susumu Ishida	American Journal of Ophthalmology Case Reports	27	101568	2022	5	10.1016/j.ajoc.2022.101568	https://doi.org/10.1016/j.ajoc.2022.101568
34	Insidious progression of atrophic lesions in a case of posterior polar annular choroidal dystrophy	Risako Sone, Kousuke Noda, Kiriko Hirooka, Michiyuki Saito and Susumu Ishida	American Journal of Ophthalmology Case Reports	28	101708	2022	9	10.1016/j.ajoc.2022.101708	https://doi.org/10.1016/j.ajoc.2022.101708
35	眼血流研究と脈絡膜 -LSFGを中心に	齋藤 航	臨床眼科	70	13 1832-1837	2016	12		

36	網脈絡膜疾患におけるLSFGの意義	齋藤 航	日本の眼科	91	5	665-670	2020	5		
37	レーザースペックル血流画像化法 眼底血流画像化装置の開発	田川 博, 古川 英樹, 藤居 仁, 横倉 隆	Therapeutic Research	12	12	3817-3824	1991			
38	レーザースペックル血流画像化法を用いた家兎虹彩血流速度の測定	古川 英樹, 田川 博, 藤居 仁	日本眼科学会雑誌	96	7	872-877	1992	7	http://www.ncbi.nlm.nih.gov/pubmed/1502987	
39	Effect of topical timolol on the blood velocity of the iris microcirculation and the aqueous veins	Hiroshi Tagawa, Hideki Furukawa and Hitoshi Fujii	Investigative Ophthalmology & Visual Science	34	Suppl.	927	1993			
40	チモロール点眼による人眼での虹彩と房水静脈の血流の変化	田川博，岡田昭人，古川秀樹，小西直樹，藤居 仁	日本眼科学会雑誌	99	4	435-439	1995	4	http://www.ncbi.nlm.nih.gov/pubmed/7741055	
41	Dynamic Ocular Blood Flow Image Using Laser Speckle Flowgraphy	Hiroshi Tagawa, Hideki Furukawa and Hitoshi Fujii	Proc. 2nd Internet Ocular Blood Circulation Symposium				1995			
42	Changes of Blood Circulation in Human Eyes with Retinal Diseases Using Real-Time Laser Flowgraphy	Hiroshi Tagawa, Hideki Furukawa and Hitoshi Fujii	Proc. 3rd Internet World Congress on Biomedical Sciences				1996			
43	Effect of retrobulbar injection of unoprostone on the rabbit ocular microcirculation	Tagawa H, Kawaguchi S, Furukawa H, and Fujii H	Investigative Ophthalmology & Visual Science	38	Suppl.	782	1997			
44	Circulatory changes of retinal vessels and choroidal microcirculation in eyes with arterial occlusive disease	Kawaguchi S, Tagawa H, Maeda T, Suzuki J, and Fujii H	Investigative Ophthalmology & Visual Science	38	Suppl.	1047	1997			
45	Visualization and quantitative evaluation of pulsatile ocular microcirculation by laser speckle flowgraphy	Tagawa H, Nakagawa H,Furukawa H, and Fujii H	Investigative Ophthalmology & Visual Science	39	Suppl.	267	1998			
46	Long term effects of oral prostaglandin on retinal artery, optic nerve head, and choroidal micricirculation in normals	Sasaki N, Tagawa H, Katsuta S, Nakagawa T and Fujii H	Investigative Ophthalmology & Visual Science	39	Suppl.	271	1998			
47	Effects of oral prostaglandin on retinal artery, optic nerve head, and choroidal micricirculation in eyes with arterial occlusive disease	Tashimo A,Tagawa H, Kawaguchi S, Suzuki T, Nakagawa T and Fujii H	Investigative Ophthalmology & Visual Science	39	Suppl.	999	1998			
48	Short term effects of oral prostaglandin on retinal artery, optic nerve head, and choroidal microcirculation in normals	Katsuta S, Tagawa H, Suzuki T, Sasaki N, Nakagawa T and Fujii H	Investigative Ophthalmology & Visual Science	39	Suppl.	1000	1998			
49	Estimation of real blood velocity measured by laser speckle flowgraphy at retinal vessels	Tagawa H,Sasaki N,Tashimo A, Suzuki T, Shimizu M and Fujii H	Investigative Ophthalmology & Visual Science	40	Suppl.	369	1999			
50	Changes of pulsatility at retinal arteries as aging	Sasaki N, Tagawa H, Shimizu M, Suzuki T and Fujii H	Investigative Ophthalmology & Visual Science	40	Suppl.	488	1999			
51	Changes of pulsatility at choroidal microcirculation as aging	Katsuta S, Shimizu M, Tagawa H, Sasaki N, Suzuki T and Fujii H	Investigative Ophthalmology & Visual Science	40	Suppl.	488	1999			
52	Changes of pulsatility at retinal arteries and choroidal microcirculation in patients with arteriosclerosis	Tashimo A, Tagawa H, Sasaki N, Suzuki T and Fujii H	Investigative Ophthalmology & Visual Science	40	Suppl.	681	1999			
53	レーザースペックル血流画像化法を用いた網膜血管の血流測定法	田川博, 佐々木紀子, 田下亜佐子, 中川喬, 古川英樹, 小西直樹, 藤居仁	日本眼科紀要	51	2	121-125	2000	2		
54	加齢による網膜動脈の脈動比の変動	佐々木紀子, 田川博, 田下亜佐子, 片井麻貴, 中川喬, 小西直樹, 藤居仁	日本眼科紀要	51	2	126-130	2000	2		
55	網膜動脈閉塞症での網膜動脈と脈絡膜末梢循環の血流の変化と視力予後	川口聡, 田川博, 佐々木紀子, 田下亜佐子, 鈴木純一, 中川喬, 藤居仁	日本眼科紀要	51	2	131-137	2000	2		
56	網膜動脈閉塞症の治療成績	前田貴美人, 鈴木純一, 田川博, 勝田聡, 中川喬	日本眼科紀要	51	2	148-152	2000	2		
57	ラタノプロスト点眼と正常人視神経乳頭および脈絡膜ー網膜循環に及ぼす影響	今野伸介, 田川博, 大塚賢二	あたらしい眼科	21	5	695-698	2004	5		
58	CCDカメラを用いた新しいレーザースペックルフローグラフィーによる正常人における視神経乳頭および網脈絡膜組織血流測定	前田祥恵,今野伸介, 松本奈緒美, 他	眼科	48	1	129-133	2006	1		
59	Ocular blood flow levels and visual prognosis in a patient with nonischemic type central retinal vein occlusion	Kimihito Maeda, Futoshi Ishikawa and Hiroshi Ohguro	Clinical Ophthalmology	3		489-491	2009	9	http://www.dovepress.com/getfile.php?fileID=5222	
60	増殖糖尿病網膜症に対する硝子体手術前後の視神経乳頭血流の検討	前田貴美人, 石川太, 小林和夫, 大黒浩	日本眼科学会雑誌	113	12	1132-1138	2009	12	http://www.ncbi.nlm.nih.gov/pubmed/20058669	

61	レーザースペックル法により治療過程を評価した網膜血管閉塞性疾患 5 例	井口純, 石川太, 前田貴美人, 小林和夫, 日景史人, 児玉章宏, 大黒浩	あたらしい眼科	27	2 260-264	2010	2		http://www.atagan.jp/article/20100227.htm
62	併用薬の違いによる 1% ドルゾラミドの視神経乳頭血流増加作用	大黒幾代, 片井麻貴, 田中祥恵, 鶴田みどり, 大黒浩	あたらしい眼科	28	6 868-873	2011	6		http://www.atagan.jp/article/20110625.htm
63	Two-Year Randomized, Placebo-Controlled Study of Black Currant Anthocyanins on Visual Field in Glaucoma	Hiroshi Ohguro, Ikuyo Ohguro, Maki Katai and Sachie Tanaka	Ophthalmologica	228	1 26-35	2012	2	10.1159/000335961	http://dx.doi.org/10.1159/000335961
64	The Effects of a Fixed Combination of 0.5% Timolol and 1% Dorzolamide on Optic Nerve Head Blood Circulation	Ikuyo Ohguro and Hiroshi Ohguro	Journal of Ocular Pharmacology and Therapeutics	28	4 392-396	2012	4	10.1089/jop.2011.0243	http://dx.doi.org/10.1089/jop.2011.0243
65	Fatty acid-binding protein 4 is an independent factor in the pathogenesis of retinal vein occlusion	Fumihito Hikage, Masato Furuhashi, Yosuke Ida, Hiroshi Ohguro, Megumi Watanabe, Soma Suzuki and Kaku Itoh	PLOS ONE	16	1 e0245763	2021	1	10.1371/journal.pone.0245763	https://doi.org/10.1371/journal.pone.0245763
66	Detection of significantly high vitreous concentrations of fatty acid-binding protein 4 in patients with proliferative diabetic retinopathy	Kaku Itoh, Masato Furuhashi, Yosuke Ida, Hiroshi Ohguro, Megumi Watanabe, Soma Suzuki and Fumihito Hikage	Scientific Reports	11	1 1-10	2021	6	10.1038/s41598-021-91857-1	https://doi.org/10.1038/s41598-021-91857-1
67	眼底血管イメージングの最近の進歩	長岡泰司	臨床眼科	71	3 291-299	2017	3		
68	Evaluation of cerebral circulation during retrograde perfusion by laser speckle flowgraphy	Fumiaki Kimura, Hirotsugu Kanda, Yuki Toyama, Takayuki Kunisawa, Taiji Nagaoka, Akitoshi Yoshida, Hiroto Kitahara and Hiroyuki Kamiya	General Thoracic and Cardiovascular Surgery		1-5	2016	11	10.1007/s11748-016-0727-z	http://dx.doi.org/10.1007/s11748-016-0727-z
69	Cerebral circulation estimated by laser speckle flowgraphy in retrograde femoral arterial perfusion during minimally invasive cardiac surgery.	Hiroto Kitahara, Hirotsugu Kanda, Fumiaki Kimura, Tomohiro Takeda, Shingo Kunioka, Takayuki Kunisawa and Hiroyuki Kamiya	Interactive cardiovascular and thoracic surgery	25	1 25-29	2017	3	10.1093/icvts/ivx046	https://dx.doi.org/10.1093/icvts/ivx046
70	Combined Use of Intra-aortic Balloon Pump and Venoarterial Extracorporeal Membrane Oxygenation Support With Femoral Arterial Cannulation Impairs Cerebral Microcirculation: Evaluation With Laser Speckle Flowgraphy	Hirotsugu Kanda, Fumiaki Kimura, Takafumi Iida, Megumi Kanao-Kanda, Takayuki Kunisawa, Taiji Nagaoka, Akitoshi Yoshida and Hiroyuki Kamiya	Journal of Cardiothoracic and Vascular Anesthesia	31	3 1021–1024	2016	11	10.1053/j.jvca.2016.09.012	http://dx.doi.org/10.1053/j.jvca.2016.09.012
71	Intra-aortic Balloon Pump Does Not Impede Cerebral Microcirculation During Central Extracorporeal Membrane Oxygenation Support: Evaluation With Laser Speckle Flowgraphy	Hirotsugu Kanda, Hiroto Kitahara, Yuki Toyama, Megumi Kanao-Kanda, Takayuki Kunisawa and Hiroyuki Kamiya	Journal of Cardiothoracic and Vascular Anesthesia	31	4 e67-e68	2017	5	10.1053/j.jvca.2017.04.030	https://dx.doi.org/10.1053/j.jvca.2017.04.030
72	Cerebral Hypoxia Caused by Flow Confliction During Minimally Invasive Cardiac Surgery With Retrograde Perfusion: A Word of Caution	Hirotsugu Kanda, TakayukiKunisawa, Hiroto Kitahara, Takafumi Iida, Yuki Toyama, MegumiKanao-Kanda, Chie Mori and Hiroyuki Kamiya	Journal of Cardiothoracic and Vascular Anesthesia	32	4 1838-1840	2017	11	10.1053/j.jvca.2017.10.007	https://dx.doi.org/10.1053/j.jvca.2017.10.007
73	Cerebral circulation during retrograde cerebral perfusion: evaluation using laser speckle flowgraphy	Hirotsugu Kanda, Takayuki Kunisawa, Takafumi Iida, Masahiro Tada, Fumiaki Kimura, Hayato Ise and Hiroyuki Kamiya	The Annals of Thoracic Surgery			2018	12	10.1016/j.athoracsur.2018.11.067	https://doi.org/10.1016/j.athoracsur.2018.11.067
74	レーザースペックルフローグラフィを用いた光線力学療法後の血流解析	新田文彦, 國方彦志, 中澤徹	臨床眼科	65	6 863-868	2011	6		
75	Reproducibility of retinal circulation measurements obtained using laser speckle flowgraphy-NAVI in patients with glaucoma	Naoko Aizawa, Yu Yokoyama, Naoki Chiba, Kazuko Omodaka, Masayuki Yasuda, Takaaki Otomo, Masahiko Nakamura, Nobuo Fuse and Toru Nakazawa	Clinical Ophthalmology	5	1171-1176	2011	8	10.2147/OPTH.S22093	http://dx.doi.org/10.2147/OPTH.S22093
76	Association between optic nerve blood flow and objective examinations in glaucoma patients with generalized enlargement disc type	Naoki Chiba, Kazuko Omodaka, Yu Yokoyama, Naoko Aizawa, Satoru Tsuda, Masayuki Yasuda, Takaaki Otomo, Shunji Yokokura, Nobuo Fuse and Toru Nakazawa	Clinical Ophthalmology	5	1549-1556	2011	10	10.2147/OPTH.S22097	http://dx.doi.org/10.2147/OPTH.S22097
77	Significant correlations between optic nerve head microcirculation and visual field defects and nerve fiber layer loss in glaucoma patients with myopic glaucomatous disk	Yu Yokoyama, Naoko Aizawa, Naoki Chiba, Kazuko Omodaka, Masahiko Nakamura, Takaaki Otomo, Shunji Yokokura, Nobuo Fuse and Toru Nakazawa	Clinical Ophthalmology	5	1721-1727	2011	12	10.2147/OPTH.S23204	http://dx.doi.org/10.2147/OPTH.S23204
78	Effect of Topical Tafluprost on Optic Nerve Head Blood Flow in Patients With Myopic Disc Type	Tsuda Satoru, Yokoyama Yu, Chiba Naoki, Aizawa Naoko, Shiga Yukihiro, Yasuda Masayuki, Yokokura Shunji, Otomo Takaaki, Fuse Nobuo and Nakazawa Toru	Journal of glaucoma	22	5 398-403	2013	6	10.1097/IJG.0b013e318237c8b3	http://dx.doi.org/10.1097/IJG.0b013e318237c8b3

79	Correlation between optic disc microcirculation in glaucoma measured with laser speckle flowgraphy and fluorescein angiography, and the correlation with mean deviation	Naoko Aizawa, Hiroshi Kunikata, Yu Yokoyama, and Toru Nakazawa	Clinical & Experimental Ophthalmology	42	3 293–294	2014	4 10.1111/ceo.12130	http://dx.doi.org/10.1111/ceo.12130
80	The Influence of Posture Change on Ocular Blood Flow in Normal Subjects, Measured by Laser Speckle Flowgraphy	Yukihiro Shiga, Masahiko Shimura, Toshifumi Asano, Satoru Tsuda, Yu Yokoyama, Naoko Aizawa, Kazuko Omodaka, Morin Ryu, Shunji Yokokura, Takayuki Takeshita and Toru Nakazawa	Current Eye Research	38	6 691-698	2013	6 10.3109/02713683.2012.758292	http://dx.doi.org/10.3109/02713683.2012.758292
81	Waveform analysis of ocular blood flow and the early detection of normal-tension glaucoma	Yukihiro Shiga, Kazuko Omodaka, Hiroshi Kunikata, Morin Ryu, Yu Yokoyama, Satoru Tsuda, Toshifumi Asano, Shigeto Maekawa, Kazuichi Maruyama and Toru Nakazawa	Investigative Ophthalmology & Visual Science	54	12 7699-7706	2013	11 10.1167/iovs.13-12930	http://dx.doi.org/10.1167/iovs.13-12930
82	The traditional kampo medicine tokishakuyakusan increases ocular blood flow in healthy subjects	Shin Takayama, Yukihiro Shiga, Taiki Kokubun, Hideyuki Konno, Noriko Himori, Morin Ryu, Takehiro Numata, Soichiro Kaneko, Hitoshi Kuroda, Junichi Tanaka, Seiki Kanemura, Tadashi Ishii, Nobuo Yaegashi and Toru Nakazawa	Evidence-Based Complementary and Alternative Medicine	2014		2014	4 10.1155/2014/586857	http://dx.doi.org/10.1155/2014/586857
83	Pulse-Waveform Analysis of Normal Population using Laser Speckle Flowgraphy	Satoru Tsuda, Hiroshi Kunikata, Masahiko Shimura, Naoko Aizawa, Kazuko Omodaka, Yukihiro Shiga, Masayuki Yasuda, Yu Yokoyama and Toru Nakazawa	Current Eye Research			2014	4 10.3109/02713683.2014.905608	http://dx.doi.org/10.3109/02713683.2014.905608
84	Relative flow volume, a novel blood flow index in the human retina derived from laser speckle flowgraphy	Yukihiro Shiga, Toshifumi Asano, Hiroshi Kunikata, Fumihiko Nitta, Hajime Sato, Toru Nakazawa and Masahiko Shimura	Investigative Ophthalmology & Visual Science			2014	10.1167/iovs.14-14116	http://dx.doi.org/10.1167/iovs.14-14116
85	Usefulness of novel laser speckle flowgraphy-derived variables of the large vessel area in the optic nerve head in normal tension glaucoma	Shigeto Maekawa, Yukihiro Shiga, Ryo Kawasaki and Toru Nakazawa	Clinical & experimental ophthalmology			2014	10.1111/ceo.12354	http://dx.doi.org/10.1111/ceo.12354
86	The effect of intravitreal bevacizumab on ocular blood flow in diabetic retinopathy and branch retinal vein occlusion as measured by laser speckle flowgraphy	Fumihiko Nitta, Hiroshi Kunikata, Naoko Aizawa, Kazuko Omodaka, Yukihiro Shiga, Masayuki Yasuda and Toru Nakazawa	Clinical Ophthalmology	8	1119-1127	2014	6 10.2147/OPTH.S62022	http://dx.doi.org/10.2147/OPTH.S62022
87	Correlation between optic disc microcirculation in glaucoma measured with laser speckle flowgraphy and fluorescein angiography, and the correlation with mean deviation	Naoko Aizawa, Hiroshi Kunikata, Yu Yokoyama and Toru Nakazawa	Clinical & experimental ophthalmology	42	3 293-294	2014	4 10.1111/ceo.12130	http://dx.doi.org/10.1111/ceo.12130
88	Usefulness of Laser Speckle Flowgraphy for the Assessment of Ocular Blood Flow in Extracranial Intracranial Bypass	Shunsuke Omodaka, Hidenori Endo, Hiroshi Doi, Hiroaki Shimizu, Miki Fujimura, Naoko Aizawa, Toru Nakazawa and Teiji Tominaga	Journal of Stroke and Cerebrovascular Diseases			2014	10.1016/j.jstrokecerebrovasdis.2014.0	http://dx.doi.org/10.1016/j.jstrokecerebrovasdis.2014.06.021
89	Correlation between structure/function and optic disc microcirculation in myopic glaucoma, measured with laser speckle flowgraphy	Naoko Aizawa, Hiroshi Kunikata, Yukihiro Shiga, Yu Yokoyama, Kazuko Omodaka and Toru Nakazawa	BMC Ophthalmology	14	1 113	2014	9 10.1186/1471-2415-14-113	http://dx.doi.org/10.1186/1471-2415-14-113
90	Laser speckle and hydrogen gas clearance measurements of optic nerve circulation in albino and pigmented rabbits with or without optic disc atrophy	Naoko Aizawa, Fumihiko Nitta, Hiroshi Kunikata, Tetsuya Sugiyama, Tsunehiko Ikeda, Makoto Araie and Toru Nakazawa	Investigative Ophthalmology & Visual Science			2014	10.1167/iovs.14-15373	http://dx.doi.org/10.1167/iovs.14-15373
91	Correlation of Optic Nerve Microcirculation with Papillomacular Bundle Structure in Treatment Naive Normal Tension Glaucoma	Wataru Kobayashi, Hiroshi Kunikata, Kazuko Omodaka, Kyousuke Togashi, Morin Ryu, Masahiro Akiba, Gaku Takeuchi, Tetsuya Yuasa, and Toru Nakazawa	Journal of Ophthalmology	2014		2014	12 10.1155/2014/468908	http://dx.doi.org/10.1155/2014/468908
92	Relationship of Ocular Microcirculation, Measured by Laser Speckle Flowgraphy, and Silent Brain Infarction in Primary Aldosteronism	Hiroshi Kunikata, Naoko Aizawa, Masataka Kudo, Shunji Mugikura, Fumihiko Nitta, Ryo Morimoto, Yoshitsugu Iwakura, Yoshikiyo Ono, Fumitoshi Satoh, Hidetoshi Takahashi, Sadayoshi Ito, Shoki Takahashi and Toru Nakazawa	PLOS ONE	10	2 e0117452	2015	2 10.1371/journal.pone.0117452	http://dx.doi.org/10.1371/journal.pone.0117452
93	失明ゼロを目指して	中澤 徹	日本眼科学会雑誌	119	3 168-194	2015	3	http://journal.nichigan.or.jp/PastContent?year=2015&vol=119&number=3&mag=0
94	眼血流はどのように測定すればよいですか？	志賀 由己浩	臨床眼科	69	11	2015	10	
95	眼血流と緑内障の進行には関係がありますか？	相澤 奈帆子	臨床眼科	69	11	2015	10	

96	The association between systemic oxidative stress and ocular blood flow in patients with normal-tension glaucoma	Noriko Himori, Hiroshi Kunikata, Yukihiro Shiga, Kazuko Omodaka, Kazuichi Maruyama, Hidetoshi Takahashi and Toru Nakazawa	Graefe's Archive for Clinical and Experimental Ophthalmology		1-9	2015	10	10.1007/s00417-015-3203-z	http://dx.doi.org/10.1007/s00417-015-3203-z
97	Recent Clinical Applications of Laser Speckle Flowgraphy in Eyes with Retinal Disease.	Kunikata Hiroshi, Toru Nakazawa.	The Asia-Pacific Journal of Ophthalmology			2015		10.1097/APO.0000000000000160	http://dx.doi.org/10.1097/APO.0000000000000160
98	緑内障進行と眼血流関与について	高橋秀肇	OCULISTA	32	33-40	2015	11		http://www.zenniti.com/f/b/show/b01/781/zc01/9.html
99	Age-and Sex-Dependency of Laser Speckle Flowgraphy Measurements of Optic Nerve Vessel Microcirculation.	Naoko Aizawa, Hiroshi Kunikata, Fumihiko Nitta, Yukihiro Shiga, Kazuko Omodaka, Satoru Tsuda and Toru Nakazawa	PLOS ONE	11	2 e0148812	2016	2	10.1371/journal.pone.0148812	http://dx.doi.org/10.1371/journal.pone.0148812
100	Ocular Blood Flow and Influencing Factors for Glaucoma.	Toru Nakazawa	The Asia-Pacific Journal of Ophthalmology	5	1 38-44	2016	2	10.1097/APO.0000000000000183	http://dx.doi.org/10.1097/APO.0000000000000183
101	The reduction of temporal optic nerve head microcirculation in autosomal dominant optic atrophy	Maki Inoue, Noriko Himori, Hiroshi Kunikata, Takayuki Takeshita, Naoko Aizawa, Yukihiro Shiga,Kazuko Omodaka, Koji M Nishiguchi, Hidetoshi Takahashi and Toru Nakazawa	Acta ophthalmologica	94	7 e580-e585	2016	3	10.1111/aos.12999	http://dx.doi.org/10.1111/aos.12999
102	Clinical Factors Associated with Lamina Cribrosa Thickness in Patients with Glaucoma, as Measured with Swept Source Optical Coherence Tomography	Kazuko Omodaka, Seri Takahashi, Akiko Matsumoto, Shigeto Maekawa, Tsutomu Kikawa, Noriko Himori, Hidetoshi Takahashi, Kazuichi Maruyama, Hiroshi Kunikata, Masahiro Akiba and Toru Nakazawa	PLOS ONE	11	4 e0153707	2016	4	10.1371/journal.pone.0153707	http://dx.doi.org/10.1371/journal.pone.0153707
103	The relationship between advanced glycation end products and ocular circulation in type 2 diabetes	Kazuki Hashimoto, Hiroshi Kunikata, Masayuki Yasuda, Azusa Ito, Naoko Aizawa, Shojiro Sawada, Keiichi Kondo, Chihiro Satake, Yoshimasa Takano, Koji M. Nishiguchi, Hideki Katagiri and Toru Nakazawa	Journal of Diabetes and its Complications			2016		10.1016/j.jdiacomp.2016.04.024	http://dx.doi.org/10.1016/j.jdiacomp.2016.04.024
104	Optic Nerve Head Blood Flow, as Measured by Laser Speckle Flowgraphy, Is Significantly Reduced in Preperimetric Glaucoma	Yukihiro Shiga, Hiroshi Kunikata, Naoko Aizawa, Naoki Kiyota, Yukiko Maiya, Yu Yokoyama, Kazuko Omodaka, Hidetoshi Takahashi, Tomoki Yasui, Keiichi Kato, Aiko Iwase and Toru Nakazawa	Current Eye Research		1-7	2016		10.3109/02713683.2015.1127974	http://dx.doi.org/10.3109/02713683.2015.1127974
105	Relationship between laser speckle flowgraphy and optical coherence tomography angiography measurements of ocular microcirculation	Naoki Kiyota, Hiroshi Kunikata, Yukihiro Shiga, Kazuko Omodaka and Toru Nakazawa	Graefe's Archive for Clinical and Experimental Ophthalmology		1-10	2017		10.1007/s00417-017-3627-8	http://dx.doi.org/10.1007/s00417-017-3627-8
106	The Effect of Systemic Hyperoxia on Optic Nerve Head Blood Flow in Primary Open-Angle Glaucoma Patients	Naoki Kiyota, Yukihiro Shiga, Shiori Suzuki, Marika Sato, Naoko Takada, Shigeto Maekawa, Kazuko Omodaka, Kazuichi Maruyama, Hiroshi Kunikata and Toru Nakazawa	Investigative Ophthalmology & Visual Science	58	7 3181-3188	2017	6	10.1167/iovs.17-21648	http://dx.doi.org/10.1167/iovs.17-21648
107	Predictors of Recurrence in Vogt-Koyanagi-Harada Disease	Kazuichi Maruyama, Aya Noguchi, Ai Shimizu, Yukihiro Shiga, Hiroshi Kunikata and Toru Nakazawa	Ophthalmology Retina			2017	9	10.1016/j.oret.2017.07.016	https://doi.org/10.1016/j.oret.2017.07.016
108	Factors associated with deep circulation in the peripapillary chorioretinal atrophy zone in normal-tension glaucoma with myopic disc	Naoki Kiyota, Hiroshi Kunikata, Seri Takahashi, Yukihiro Shiga, Kazuko Omodaka and Toru Nakazawa	Acta Ophthalmologica			2017	11	10.1111/aos.13621	http://dx.doi.org/10.1111/aos.13621
109	Preperimetric Glaucoma Prospective Observational Study (PPGPS): Design, baseline characteristics, and therapeutic effect of tafluprost in preperimetric glaucoma eye	Naoko Aizawa, Hiroshi Kunikata, Yukihiro Shiga, Satoru Tsuda, Yu Yokoyama1, Kazuko Omodaka, Tomoki Yasui, Keiichi Kato, Hiroaki Kurashima, Etsuyo Miyamoto, Masayo Hashimoto and Toru Nakazawa	PLOS ONE	12	12 e0188692	2017	12	10.1371/journal.pone.0188692	https://doi.org/10.1371/journal.pone.0188692

110	Genetic analysis of Japanese primary open-angle glaucoma patients and clinical characterization of risk alleles near CDKN2B-AS1, SIX6 and GAS7.	Yukihiro Shiga, Koji M. Nishiguchi, Yosuke Kawai, Kaname Kojima, Kota Sato, Kosuke Fujita, Mai Takahashi, Kazuko Omodaka, Makoto Araie, Kenji Kashiwagi, Makoto Aihara, Takeshi Iwata, Fumihiko Mabuchi, Mitsuko Takamoto, Mineo Ozaki, Kazuhide Kawase, Nobuo Fuse, Masayuki Yamamoto, Jun Yasuda, Masao Nagasaki, Toru Nakazawa , for the Japan Glaucoma Society Omics Group (JGS-OG)	PLOS ONE	12	12	e0186678	2017	12	10.1371/journal.pone.0186678	https://doi.org/10.1371/journal.pone.0186678
111	Classification of optic disc shape in glaucoma using machine learning based on quantified ocular parameters	Kazuko Omodaka, Guangzhou An, Satoru Tsuda, Yukihiro Shiga, Naoko Takada, Tsutomu Kikawa, Hidetoshi Takahashi, Hideo Yokota, Masahiro Akiba and Toru Nakazawa	PLOS ONE	12	12	e0190012	2017	12	10.1371/journal.pone.0190012	https://doi.org/10.1371/journal.pone.0190012
112	Preperimetric Glaucoma Prospective Study (PPGPS): Predicting Visual Field Progression With Basal Optic Nerve Head Blood Flow in Normotensive PPG Eyes	Yukihiro Shiga, Naoko Aizawa, Satoru Tsuda, Yu Yokoyama, Kazuko Omodaka, Hiroshi Kunikata, Tomoki Yasui, Keiichi Kato, Hiroaki Kurashima, Etsuyo Miyamoto, Masayo Hashimoto and Toru Nakazawa	Translational Vision Science and Technology	7	1	11	2018	1	10.1167/tvst.7.1.11	https://doi.org/10.1167/tvst.7.1.11
113	Ocular microcirculation measurement with laser speckle flowgraphy and optical coherence tomography angiography in glaucoma.	Naoki Kiyota, Hiroshi Kunikata, Yukihiro Shiga, Kazuko Omodaka and Toru Nakazawa	Acta Ophthalmologica				2018	3	10.1111/aos.13639	https://doi.org/10.1111/aos.13639
114	The Impact of Intraocular Pressure Elevation on Optic Nerve Head and Choroidal Blood Flow	Naoki Kiyota, Yukihiro Shiga, Kohei Ichinohasama, Masayuki Yasuda, Naoko Aizawa, Kazuko Omodaka, Naoto Honda, Hiroshi Kunikata and Toru Nakazawa	Investigative Ophthalmology & Visual Science	59	8	3488-3496	2018	7	10.1167/iovs.18-23872	https://iovs.arvojournals.org/article.aspx?articleid=2688239
115	Association between mitochondrial DNA damage and ocular blood flow in patients with glaucoma	Maki Inoue-Yanagimachi, Noriko Himori, Kota Sato, Taiki Kokubun, Toshifumi Asano, Yukihiro Shiga, Satoru Tsuda, Hiroshi Kunikata and Toru Nakazawa	British Journal of Ophthalmology				2018	9	10.1136/bjophthalmol-2018-312356	http://dx.doi.org/10.1136/bjophthalmol-2018-312356
116	The Relationship between Carotid Intima-Media Thickness and Ocular Circulation in Type-2 Diabetes	Kohei Ichinohasama, Hiroshi Kunikata, Azusa Ito, Masayuki Yasuda, Shojiro Sawada, Keiichi Kondo, Chihiro Satake, Hideki Katagiri and Toru Nakazawa	Journal of Ophthalmology	2019			2019	2	10.1155/2019/3421305	https://doi.org/10.1155/2019/3421305
117	Sectoral Differences in the Association of Optic Nerve Head Blood Flow and Glaucomatous Visual Field Defect Severity and Progression	Naoki Kiyota, Yukihiro Shiga, Masayuki Yasuda, Naoko Aizawa, Kazuko Omodaka, Satoru Tsuda, Hiroshi Kunikata and Toru Nakazawa	Investigative Ophthalmology & Visual Science	60	7	2650-2658	2019	6	10.1167/iovs.19-27230	https://doi.org/10.1167/iovs.19-27230
118	What is glaucomatous optic neuropathy?	Toru Nakazawa, Takeo Fukuchi	Japanese journal of ophthalmology	64	3	243–249	2020	5	10.1007/s10384-020-00736-1	https://doi.org/10.1007/s10384-020-00736-1
119	緑内障臨床におけるレーザースペックルフローグラフィーの有用性	清田 直樹, 中澤 徹	日本の眼科	91	5	671-675	2020	5		
120	Ocular microcirculation changes, measured with laser speckle flowgraphy and optical coherence tomography angiography, in branch retinal vein occlusion with macular edema treated by ranibizumab	Toshifumi Asano, Hiroshi Kunikata, Masayuki Yasuda, Koji M. Nishiguchi, Toshiaki Abe and Toru Nakazawa	International Ophthalmology				2020	9	10.1007/s10792-020-01562-7	https://doi.org/10.1007/s10792-020-01562-7
121	Time-course Changes in Optic Nerve Head Blood Flow and Retinal Nerve Fiber Layer Thickness in Eyes with Open-angle Glaucoma	Naoki Kiyota, Yukihiro Shiga, Kazuko Omodaka, Kyongsun Pak and Toru Nakazawa	Ophthalmology				2020	10	10.1016/j.ophtha.2020.10.010	https://doi.org/10.1016/j.ophtha.2020.10.010
122	Carotid artery intima-media thickness, HDL cholesterol levels, and gender associated with poor visual acuity in patients with branch retinal artery occlusion	Masayuki Yasuda, Hajime Sato, Kazuki Hashimoto, Urara Osada, Takehiro Hariya, Hiroko Nakayama, Toshifumi Asano, Noriyuki Suzuki, Tatsu Okabe, Mai Yamazaki, Megumi Uematsu, Masanori Munakata and Toru Nakazawa	PloS one	15	10	e0240977	2020	10	10.1371/journal.pone.0240977	https://doi.org/10.1371/journal.pone.0240977
123	Polypoidal choroidal vasculopathy in a case of retinitis pigmentosa, successfully treated with intravitreal aflibercept	Nana Takahashi, Hiroshi Kunikata, Masayuki Yasuda, Takehiro Hariya, Koji M. Nishiguchi and Toru Nakazawa	American Journal of Ophthalmology Case Reports			101123	2021	5	10.1016/j.ajoc.2021.101123	https://doi.org/10.1016/j.ajoc.2021.101123
124	網膜動脈閉塞症	津田 聡, 中澤 徹	あたらしい眼科	39	1	31-37	2022	1		

125	De novo Vogt-Koyanagi-Harada disease after vaccination for COVID-19, successfully treated with systemic steroid therapy and monitored with laser speckle flowgraphy	Chiaki Yamaguchi, Hiroshi Kunikata, Kazuki Hashimoto, Masaaki Yoshida, Takahiro Ninomiya, Takehiro Hariya, Toshiaki Abe and Toru Nakazawa	American Journal of Ophthalmology Case Reports		101616	2022	6	10.1016/j.ajoc.2022.101616	https://doi.org/10.1016/j.ajoc.2022.101616
126	The relationship between choroidal blood flow and glaucoma progression in a Japanese study population	Naoki Kiyota, Yukihiro Shiga, Kazuko Omodaka and Toru Nakazawa	Japanese Journal of Ophthalmology			2022	7	10.1007/s10384-022-00929-w	https://doi.org/10.1007/s10384-022-00929-w
127	Sex differences in the association between systemic oxidative stress status and optic nerve head blood flow in normal-tension glaucoma	Masataka Sato, Masayuki Yasuda, Nana Takahashi, Kazuki Hashimoto, Noriko Himori and Toru Nakazawa	PLOS ONE	18	2 e0282047	2023	2	10.1371/journal.pone.0282047	https://doi.org/10.1371/journal.pone.0282047
128	Longitudinal changes of ocular blood flow using laser speckle flowgraphy during normal pregnancy	Takahiro Sato, Junichi Sugawara , Naoko Aizawa, Noriyuki Iwama, Fumiaki Takahashi, Michiyo Nakamura-Kurakata, Masatoshi Saito, Takashi Sugiyama, Hiroshi Kunikata, Toru Nakazawa and Nobuo Yaegashi	PLOS ONE	12	3 e0173127	2017		10.1371/journal.pone.0173127	http://dx.doi.org/10.1371/journal.pone.0173127
129	眼圧下降後に視神経乳頭陥凹拡大が進行した外傷性緑内障の1例	澤田有, 渡部広史, 藤原聡之, 吉冨健志	臨床眼科	66	6 885-889	2012	6		http://medicalfinder.jp/ejournal/1410104248.html
130	Effects of ripasudil hydrochloride hydrate (K-115), a Rho-kinase inhibitor, on ocular blood flow and ciliary artery smooth muscle contraction in rabbits	Yusuke Ohta, Sanae Takaseki and Takeshi Yoshitomi	Japanese journal of ophthalmology	61	5 423–432	2017	6	10.1007/s10384-017-0524-y	https://doi.org/10.1007/s10384-017-0524-y
131	Effects of brinzolamide on rabbit ocular blood flow in vivo and ex vivo	Ya-Ru Dong, Shi-Wei Huang, Ji-Zhe Cui and Takeshi Yoshitomi	International Journal of Ophthalmology	11	5 719–725	2018	5	10.18240/ijo.2018.05.03	https://dx.doi.org/10.18240%2Fijo.2018.05.03
132	Relationship Between Retinal Microcirculation and Renal Function in Patients with Diabetes and Chronic Kidney Disease by Laser Speckle Flowgraphy	Takeshi Iwase, Yoshitaka Ueno, Ryo Tomita and Hiroko Terasa	Life	13	2 424	2023	2	10.3390/life13020424	https://doi.org/10.3390/life13020424
133	レーザースペックルフローグラフィーによる脈絡膜循環測定	磯野博明, 木村保孝, 青柳康二, 藤居仁, 小西直樹	日本眼科学会雑誌	101	8 684-691	1997	8		http://www.ncbi.nlm.nih.gov/pubmed/9284625
134	レーザースペックルフローグラフィーの網膜への安全性	磯野博明, 木村保孝, 青柳康二, 荻原直也, 秋山秀雄, 岸章治, 藤居仁, 小西直樹	あたらしい眼科	16	12 1731-1735	1999	12		
135	Observation of choroidal circulation using index of erythrocytic velocity.	Hiroaki Isono, Shoji Kishi, Yasutaka Kimura, Naoya Hagiwara, Naoki Konishi and Hitoshi Fujii	Archives of ophthalmology	121	2 225-231	2003	2	10.1001/archopht.121.2.225	http://dx.doi.org/10.1001/archopht.121.2.225
136	Peripheral Retinal Detachment in Choroidal Blood Flow of the Macula	Otsubo A., Kishi S, Ohkoshi K and Ymaguchi T	Investigative Ophthalmology & Visual Science	44	5 3004	2003			http://abstracts.iovs.org/cgi/content/abstract/44/5/3004
137	レーザースペックルフローグラフィが診断に有用であった眼虚血症候群の1例	鹿嶋友敬, 岸章治	臨床眼科	61	9 1669-1675	2007	9		http://medicalfinder.jp/ejournal/1410101923.html
138	眼圧変動に伴う眼底局所血流変化のレーザースペックル法による検出	鹿嶋友敬, 李丹傑, 岸章治	日本眼科紀要	58	3 162-165	2007	3		
139	Partial Recovery of Choroidal Blood Flow After Photodynamic Therapy	Goro Watanabe and Shoji Kishi	ARVO		579	2008			
140	レーザースペックルフローグラフィ	渡辺五郎, 岸章治	医学のあゆみ	224	8 615-617	2008	2		http://www.ishiyaku.co.jp/magazines/ayumi/AyumiBookDetail.aspx?BC=922408
141	Imaging of choroidal hemodynamics in eyes with polypoidal choroidal vasculopathy using laser speckle phenomenon	Watanabe, Goro, Hitoshi Fujii, and Shoji Kishi	Japanese journal of ophthalmology	52	3 175-181	2008	5	10.1007/s10384-007-0521-7	http://dx.doi.org/10.1007/s10384-007-0521-7
142	眼底 血流測定装置 Laser speckle flowgraphy (眼科画像診断--最近の進歩)	渡辺五郎	眼科	52	10 1345-1351	2010	9		http://www.kanehara-shuppan.co.jp/journal/detail.html?kubun=02453&code=024532010095&hakkou_nengetsu=201009
143	網膜血流測定法：レーザースペックル法 (網膜硝子体疾患診療の進歩 2012)	渡辺五郎	あたらしい眼科	29	臨時ﾓ37-43	2012	12		http://www.medical-aoi.co.jp/magazine/newbn/newbn.htm#29
144	Alteration of choroidal thickness in a case of carotid cavernous fistula: a case report and a review of the literature	Yoichiro Shinohara, Tomoyuki Kashima, Hideo Akiyama and Shoji Kishi	BMC Ophthalmology	13	1 75	2013	12	10.1186/1471-2415-13-75	http://dx.doi.org/10.1186/1471-2415-13-75
145	Evaluation of Fundus Blood Flow in Normal Individuals and Patients with Internal Carotid Artery Obstruction Using Laser Speckle Flowgraphy	Yoichiro Shinohara, Tomoyuki Kashima, Hideo Akiyama, Yukitoshi Shimoda, Danjie Li and Shoji Kishi	PLOS ONE	12	1 e0169596	2017	1	10.1371/journal.pone.0169596	http://dx.doi.org/10.1371/journal.pone.0169596
146	Carotid endarterectomy restores decreased vision due to chronic ocular ischemia	Shinsuke Yoshida, Soichi Oya, Hiroto Obata, Naoaki Fujisawa, Tsukasa Tsuchiya, Takumi Nakamura, Masahiro Indo, Masaaki Shojima and Toru Matsui	Acta Neurochir			2020	10	10.1007/s00701-020-04603-3	https://doi.org/10.1007/s00701-020-04603-3

147	Measurement of Microcirculation in the Optic Nerve Head by Laser Speckle Flowgraphy and Scanning Laser Doppler Flowmetry	Kiyoshi Yaoeda, Motohiro Shirakashi, Shigeo Funaki, Haruko Funaki, Tomoko Nakatsue and Haruki Abe	American Journal of Ophthalmology	129	6 734-739	2000	6	10.1016/S0002-9394(00)00382-2	http://dx.doi.org/10.1016/S0002-9394(00)00382-2
148	Measurement of Microcirculation in Optic Nerve Head by Laser Speckle Flowgraphy in Normal Volunteers	Kiyoshi Yaoeda, Motohiro Shirakashi, Shigeo Funaki, Haruko Funaki, Tomoko Nakatsue, Atsushi Fukushima and Haruki Abe	American Journal of Ophthalmology	130	5 606–610	2000	11	10.1016/S0002-9394(00)00723-6	http://dx.doi.org/10.1016/S0002-9394(00)00723-6
149	Relationship between optic nerve head microcirculation and visual field loss in glaucoma	Kiyoshi Yaoeda, Motohiro Shirakashi, Atsushi Fukushima, Shigeo Funaki, Haruko Funaki, Haruki Abe and Naohito Tanabe	Acta Ophthalmologica Scandinavica	81	3 253-259	2003	6	10.1034/j.1600-0420.2003.00073.x	http://dx.doi.org/10.1034/j.1600-0420.2003.00073.x
150	健常眼における塩酸ブナゾシン点眼の視神経乳頭微小循環への影響	福島淳志, 白柏基宏, 八百枝潔, 大渕信隆, 田中陽子, 上田潤, 須田生英子, 原浩昭, 福地健郎, 阿部春樹	あたらしい眼科	20	8 1173-1175	2003	8		http://www.medical-aoi.co.jp/magazine/newbn/newbn.htm#20
151	健常眼におけるタフルプロスト点眼前後の視神経乳頭微小循環	八百枝潔, 白柏基宏, 阿部春樹	臨床眼科	64	4 455-458	2010	4		http://medicalfinder.jp/ejournal/1410103133.html
152	緑内障眼のラタノプロスト点眼からタフルプロスト点眼への切替えによる乳頭血流変化	八百枝潔, 白柏基宏, 田中隆之	臨床眼科	65	3 319-323	2011	3		http://medicalfinder.jp/ejournal/1410103572.html
153	血管抽出機能を用いたレーザースペックルフローグラフィーの視神経乳頭微小循環測定	坪井明里, 白柏基宏, 八百枝潔, 阿部春樹	あたらしい眼科	28	3 448-451	2011	3		http://www.atagan.jp/article/20110331.htm
154	Retinal Endovascular Surgery with Tissue Plasminogen Activator Injection for Central Retinal Artery Occlusion	Yuta Takata, Yasuhito Nitta, Akio Miyakoshi and Atsushi Hayashi	Case Reports in Ophthalmology	9	2 327-332	2018	6	10.1159/000489696	https://dx.doi.org/10.1159/000489696
155	Long-term changes of choroidal blood flow velocity in Vogt-Koyanagi-Harada disease	Shinya Abe, Tomoko Nakamura, Erika Okumura, Toshihiko Oiwake, Annabelle A. Okada and Atsushi Hayashi	Graefe's Archive for Clinical and Experimental Ophthalmology	2022	1-7	2022	1	10.1007/s00417-021-05540-2	https://doi.org/10.1007/s00417-021-05540-2
156	機能は構造の後か？　眼血流の立場から	柴 友明	あたらしい眼科	38	11 1330-1334	2021	11		http://www.atagan.jp/article/20211119.htm
157	Pulse-wave analysis of optic nerve head circulation is significantly correlated with brachial–ankle pulse-wave velocity, carotid intima–media thickness, and age	Tomoaki Shiba, Mao Takahashi, Yuichi Hori and Takatoshi Maeno	Graefe's Archive for Clinical and Experimental Ophthalmology	250	9 1275-1281	2012	9	10.1007/s00417-012-1952-5	http://dx.doi.org/10.1007/s00417-012-1952-5
158	Optic Nerve Head Circulation Determined by Pulse Wave Analysis is Significantly Correlated with Cardio Ankle Vascular Index, Left Ventricular Diastolic Function, and Age.	Tomoaki Shiba, Mao Takahashi, Yuichi Hori, Takatoshi Maeno and Kohji Shirai	Journal of atherosclerosis and thrombosis	19	11 999-1005	2012	7	10.5551/jat.13631	http://dx.doi.org/10.5551/jat.13631
159	網膜静脈分枝閉塞症に対するsheathotomyの長期的血流変動	橋本りゅう也, 産賀真, 柴友明, 堀裕一, 前野貴俊	臨床眼科	67	10 1655-1660	2013	10		http://medicalfinder.jp/ejournal/1410104932.html
160	Pulse-Wave Analysis of Optic Nerve Head Circulation Is Significantly Correlated With Kidney Function in Patients With and Without Chronic Kidney Disease	Tomoaki Shiba, Mao Takahashi and Takatoshi Maeno	Journal of Ophthalmology	2014		2014	1	10.1155/2014/291687	http://dx.doi.org/10.1155/2014/291687
161	Changes in the Blood Flow of the Optic Nerve Head Induced by Different Concentrations of Epinephrine in Intravitreal Infusion During Vitreous Surgery	Makoto Ubuka, Tetsuya Sugiyama, Yasutaka Onoda, Tomoaki Shiba, Yuichi Hori and Takatoshi Maeno	Investigative Ophthalmology & Visual Science			2014	2	10.1167/iovs.13-13801	http://dx.doi.org/10.1167/iovs.13-13801
162	Pulse waveform analysis of optic nerve head circulation for predicting carotid atherosclerotic changes.	Muramatsu Rina, Tomoaki Shiba, Mao Takahashi, Yuichi Hori and Takatoshi Maeno	Graefe's Archive for Clinical and Experimental Ophthalmology	2015	1-7	2015	8	10.1007/s00417-015-3123-y	http://dx.doi.org/10.1007/s00417-015-3123-y
163	Laser Speckle Flowgraphy	橋本 りゅう也, 前野 貴俊	眼科	58	1 81-95	2016	1		http://www.kanehara-shuppan.co.jp/magazines/detail.html?kubun=02453&code=024532016010
164	Choroidal blood flow impairment demonstrated using laser speckle flowgraphy in a case of commotio retinae	Ryuya Hashimoto, Asato Hirota and Takatoshi Maeno	American Journal of Ophthalmology Case Reports	0	0	2016	8	10.1016/j.ajoc.2016.08.002	http://dx.doi.org/10.1016/j.ajoc.2016.08.002
165	Autoregulation of Optic Nerve Head Blood Flow Induced by Elevated Intraocular Pressure during Vitreous Surgery.	Ryuya Hashimoto, Tetsuya Sugiyama, Makoto Ubuka and Takatoshi Maeno	Current Eye Research			2016	10	10.1080/02713683.2016.1220592	http://dx.doi.org/10.1080/02713683.2016.1220592
166	健常者におけるRhoキナーゼ阻害薬リパスジル塩酸塩水和物による視神経乳頭血流への影響	酒井麻夫, 橋本りゅう也, 出口雄三, 富田剛司, 前野貴俊	あたらしい眼科	33	8 1226-1230	2016	8		http://www.atagan.jp/article/20160832.htm
167	Impaired Autoregulation of Blood Flow at the Optic Nerve Head during Vitrectomy in Patients with Type 2 Diabetes	Ryuya Hashimoto, Tetsuya Sugiyama, Hidetaka Masahara, Masashi Sakamoto, Makoto Ubuka and Takatoshi Maeno	American Journal of Ophthalmology			2017		10.1016/j.ajo.2017.06.021	http://dx.doi.org/10.1016/j.ajo.2017.06.021

168	Impairment of autoregulation of optic nerve head blood flow during vitreous surgery in patients with hypertension and hyperlipidemia	Ryuya Hashimoto, Tetsuya Sugiyama, Makoto Ubuka and Takatoshi Maeno	Graefe's Archive for Clinical and Experimental Ophthalmology			2017	9	10.1007/s00417-017-3788-5	https://doi.org/10.1007/s00417-017-3788-5
169	Changes in choroidal blood flow and choroidal thickness after treatment in two cases of pediatric anisohypermetropic amblyopia	Ryuya Hashimoto, Juri Kawamura, Asato Hirota, Mizuho Oyamada, Asao Sakai and Takatoshi Maeno	American Journal of Ophthalmology Case Reports	8	39-43	2017	10	10.1016/j.ajoc.2017.10.010	https://doi.org/10.1016/j.ajoc.2017.10.010
170	Comparison of Optic Nerve Head Blood Flow Autoregulation among Quadrants Induced by Decreased Ocular Perfusion Pressure during Vitrectomy	Ryuya Hashimoto, Tetsuya Sugiyama and Takatoshi Maeno	BioMed Research International	2017		2017	12	10.1155/2017/6041590	https://doi.org/10.1155/2017/6041590
171	Analysis of Optic Nerve Head Circulation Using Laser Speckle Flowgraphy in a Case of Pediatric Optic Neuritis	Ryuya Hashimoto, Mizuho Oyamada and Takatoshi Maeno	EC Ophthalmology	9	8 572-581	2018	7		https://www.ecronicon.com/ecop/ECOP-09-00352.php
172	レーザースペックルフローグラフィーにより脈絡膜循環動態を観察できた硬膜動静脈瘻の1例	矢田　圭介，橋本りゅう也，原田　雅史，前野　貴俊	日本眼科学会雑誌	122	11 868-874	2018			http://journal.nichigan.or.jp/Disp?style=abst&vol=122&year=2018&mag=0&number=11&start=868
173	レーザースペックルの臨床応用	前野 貴俊	日本の眼科	91	5 653-657	2020	5		
174	レーザースペックルの原理と測定方法	橋本 りゅう也	日本の眼科	91	5 659-664	2020	5		
175	Time Course in Ocular Blood Flow and Pulse Waveform in a Case of Ocular Ischemic Syndrome with Intraocular Pressure Fluctuation	Ryo Yamazaki, Ryuya Hashimoto, Hidetaka Masahara, Masashi Sakamoto and Takatoshi Maeno	Vision	4	2 31	2020	6	10.3390/vision4020031	https://doi.org/10.3390/vision4020031
176	Changes in choroidal circulation and pulse waveform in a case of pregnancy-induced hypertension with serous retinal detachment	Keisuke Yata, Ryuya Hashimoto, Hidetaka Masahara, Mizuho Oyamada and TakatoshiMaeno	American Journal of Ophthalmology Case Reports			2020	9	10.1016/j.ajoc.2020.100911	https://doi.org/10.1016/j.ajoc.2020.100911
177	眼虚血症候群の血流動態	橋本 りゅう也	あたらしい眼科	39	1 9-15	2022	1		
* 178	Improving blood flow in occluded veins to reduce anti-vascular endothelial growth factor injections for branch retinal vein occlusion	Takatoshi Maeno, Kenichiro Aso, Ryuya Hashimoto and Hidetaka Masahara	American Journal of Ophthalmology Case Reports	30	101847	2023	4	10.1016/j.ajoc.2023.101847	https://doi.org/10.1016/j.ajoc.2023.101847
179	Reproducibility of Neonate Ocular Circulation Measurements using Laser Speckle Flowgraphy	Tadashi Matsumoto, Takashi Itokawa, Tomoaki Shiba, Yuuji Katayama, Tetsushi Arimura, Norio Mizukaki, Hitoshi Yoda and Yuichi Hori	BioMed Research International			2015			http://www.hindawi.com/journals/bmri/aa/693056/
180	Relationship between plasma levels of vasoactive mediators and optic nerve head circulation shown by laser speckle flowgraphy	Tomoaki Shiba, Tetsuya Sugiyama, Yuichi Hori, Tadashi Matsumoto, Takatoshi Maeno and Mao Takahashi	Graefe's Archive for Clinical and Experimental Ophthalmology	2015	1-7	2015	9	10.1007/s00417-015-3145-5	http://dx.doi.org/10.1007/s00417-015-3145-5
181	Pulse waveform analysis in the optic nerve head circulation reflects systemic vascular resistance obtained via a Swan–Ganz catheter.	Tomoaki Shiba , Mao Takahashi, Ryuya Hashimoto, Tadashi Matsumoto and Yuichi Hori	Graefe's Archive for Clinical and Experimental Ophthalmology	2016	1-6	2016	2	10.1007/s00417-016-3289-y	http://dx.doi.org/10.1007/s00417-016-3289-y
182	Ocular blood flow values measured by laser speckle flowgraphy correlate with the postmenstrual age of normal neonates	Tadashi Matsumoto, Takashi Itokawa, Tomoaki Shiba, Yuuji Katayama, Tetsushi Arimura, Kotaro Hine, Norio Mizukaki, Hitoshi Yoda and Yuichi Hori	Graefe's Archive for Clinical and Experimental Ophthalmology	2016		2016	4	10.1007/s00417-016-3362-6	http://dx.doi.org/10.1007/s00417-016-3362-6
183	Relationship between glycosylated hemoglobin A1c and ocular circulation by laser speckle flowgraphy in patients with/without diabetes mellitus	Chieko Shiba, Tomoaki Shiba, Mao Takahashi, Tadashi Matsumoto and Yuichi Hori	Graefe's Archive for Clinical and Experimental Ophthalmology	2016		2016	7	10.1007/s00417-016-3437-4	http://dx.doi.org/10.1007/s00417-016-3437-4
184	Arterial stiffness shown by the cardio-ankle vascular index is an important contributor to optic nerve head microcirculation	Tomoaki Shiba, Mao Takahashi, Tadashi Matsumoto, Kohji Shirai and Yuichi Hori	Graefe's Archive for Clinical and Experimental Ophthalmology	2016		2016	10	10.1007/s00417-016-3521-9	http://dx.doi.org/10.1007/s00417-016-3521-9
185	Arterial Stiffness, Monitored with Cardio Ankle Vascular Index is Adjusting The Ocular Microcirculation Obtained from Laser Speckle Flowgraphy.	Tomoaki Shiba, Mao Takahashi, Tadashi Matsumoto, Yuichi Hori and Kohji Shirai	Journal of Hypertension	36		2016	9	10.1097/01.hjh.0000501307.42081.00	http://dx.doi.org/10.1097/01.hjh.0000501307.42081.00
186	A Change in Ocular Circulation after Photocoagulation for Retinopathy of Prematurity in a Neonate	Tadashi Matsumoto, Takashi Itokawa, Tomoaki Shiba, Kotaro Hine and Yuichi Hori	Case Reports in Ophthalmology	8	1 91-98	2017	2	10.1159/000456708	http://dx.doi.org/10.1159/000456708
187	Differences in optic nerve head microcirculation between evening and morning in patients with coronary artery disease	Tomoaki Shiba, Mao Takahashi, Tadashi Matsumoto, Yuichi Hori	Microcirculation			2017	6	10.1111/micc.12386	http://dx.doi.org/10.1111/micc.12386

188	Retinal VEGF levels correlate with ocular circulation measured by a laser speckle-micro system in an oxygen-induced retinopathy rat model	Tadashi Matsumoto, Yuta Saito, Takashi Itokawa, Tomoaki Shiba, Mari S. Oba, Haruo Takahashi and Yuichi Hori	Graefe's Archive for Clinical and Experimental Ophthalmology	2017			2017		10.1007/s00417-017-3756-0	https://dx.doi.org/10.1007/s00417-017-3756-0
189	Relationship between Metabolic Syndrome and Ocular Microcirculation Shown by Laser Speckle Flowgraphy in a Hospital Setting Devoted to Sleep Apnea Syndrome Diagnostics	Tomoaki Shiba, Mao Takahashi, Tadashi Matsumoto and Yuichi Hori	Journal of Diabetes Research	2017			2017	9	10.1155/2017/3141678	https://doi.org/10.1155/2017/3141678
190	Decreased ocular blood flow after photocoagulation therapy in neonatal retinopathy of prematurity	Tadashi Matsumoto, Takashi Itokawa, Tomoaki Shiba, Masahiko Tomita, Kotaro Hine, Norio Mizukaki, Hitoshi Yoda and Yuichi Hori	Japanese journal of ophthalmology	2017	1-10		2017	9	10.1007/s10384-017-0536-7	https://doi.org/10.1007/s10384-017-0536-7
191	眼血流が示す全身状態	柴友明, 高橋真生	眼科	59	12	1485-1492	2017	11		http://www.kanehara-shuppan.co.jp/magazines/detail.html?kubun=02453&code=024532017110
192	Relationships among Ocular Blood Flow Shown by Laser Speckle Flowgraphy, Retinal Arteriosclerotic Change, and Chorioretinal Circulation Time Obtained by Fluorescein Angiography	Hironori Osamura, Tomoaki Shiba, Takashi Itokawa, Tadashi Matsumoto and Yuichi Hori	Journal of Ophthalmology	2017			2017	2	10.1155/2017/2969064	https://doi.org/10.1155/2017/2969064
193	The relationships between the pulsatile flow form of ocular microcirculation by laser speckle flowgraphy and the left ventricular end diastolic pressure and mass	Tomoaki Shiba, Mao Takahashi, Chieko Shiba, Tadashi Matsumoto and Yuichi Hori	The International Journal of Cardiovascular Imaging				2018	6	10.1007/s10554-018-1388-z	https://doi.org/10.1007/s10554-018-1388-z
194	経時的に眼血流測定を行ったサイトメガロウイルス網膜炎の1例	有村 哲, 柴 友明, 山口 由佳, 小林 達彦, 権田 恭広, 松本 直, 堀 裕一	臨床眼科	72	7	939-945	2018	7	10.11477/mf.1410212745	https://doi.org/10.11477/mf.1410212745
195	Intravitreal bevacizumab treatment reduces ocular blood flow in retinopathy of prematurity: a four-case report	Tadashi Matsumoto, Takashi Itokawa, Tomoaki Shiba, Masahiko Tomita, Kotaro Hine, Norio Mizukaki, Hitoshi Yoda and Yuichi Hori	Graefe's Archive for Clinical and Experimental Ophthalmology	2018			2018		10.1007/s00417-018-4063-0	https://doi.org/10.1007/s00417-018-4063-0
196	Assessment of ocular microcirculation in patients with end-stage kidney disease	Tetsushi Arimura, Tomoaki Shiba, Mao Takahashi, Shun Kumashiro, Hironori Osamura. Tadashi Matsumoto, Ken Sakai and Yuichi Hori	Graefe's Archive for Clinical and Experimental Ophthalmology	2018			2018	9	10.1007/s00417-018-4137-z	https://doi.org/10.1007/s00417-018-4137-z
197	Pulse Waveform Analysis in Ocular Microcirculation by Laser Speckle Flowgraphy in Patients with Left Ventricular Systolic and Diastolic Dysfunction	Tomoaki Shiba, Mao Takahashi, Tadashi Matsumoto and Yuichi Hori	Journal of vascular research	55	6	329-337	2018		10.1159/000494066	https://doi.org/10.1159/000494066
198	Vogt-小柳-原田病経過中に発症したAdie瞳孔と脈絡膜血流の検討 - レーザースペックルフローグラフィーを用いて-	渡辺 研人，松本 直，柴 友明，富田 匡彦，森山 紗帆，石川 均，堀裕一	神経眼科	35	4	418-423	2018	12		
199	The influences of gender and aging on optic nerve head microcirculation in healthy adults	Tatsuhiko Kobayashi, Tomoaki Shiba, Ayako Kinoshita, Tadashi Matsumoto and Yuichi Hori	Scientific Reports	9	1	15636	2019	10	10.1038/s41598-019-52145-1	https://doi.org/10.1038/s41598-019-52145-1
200	Influence of age and gender on the pulse waveform in optic nerve head circulation in healthy men and women	Tatsuhiko Kobayashi, Tomoaki Shiba, Yuji Nishiwaki, Ayako Kinoshita, Tadashi Matsumoto and Yuichi Hori	Scientific Reports	9	1	17895	2019	11	10.1038/s41598-019-54470-x	https://doi.org/10.1038/s41598-019-54470-x
201	Gender differences in the influence of obstructive sleep apnea on optic nerve head circulation	Tomoaki Shiba, Mao Takahashi, Tadashi Matsumoto and Yuichi Hori	Scientific Reports	9	1	18849	2019	12	10.1038/s41598-019-55470-7	https://doi.org/10.1038/s41598-019-55470-7
202	Correlation between Blood Flow and Temperature of the Ocular Anterior Segment in Normal Subjects	Takashi Itokawa, Takashi Suzuki, Yukinobu Okajima, Tatsuhiko Kobayashi, Hiroko Iwashita, Satoshi Gotoda, Koji Kakisu, Yuto Tei and Yuichi Hori	Diagnostics	10	9	695	2020	9	10.3390/diagnostics10090695	https://doi.org/10.3390/diagnostics10090695
203	The influence of hemorrhagic shock on ocular microcirculation by obtained by laser speckle flowgraphy in a white rabbit model	Kento Watanabe, Tomoaki Shiba, Tetsuya Komatsu, Kiyoshi Sakuma, Megumi Aimoto, Yoshinobu Nagasawa, Akira Takahara and Yuichi Hori	Microcirculation		e12716		2021	5	10.1111/micc.12716	https://doi.org/10.1111/micc.12716
204	Decrease in choroidal blood flow after half and one-third dose verteporfin photodynamic therapy for chronic central serous chorioretinopathy	Shun Kumashiro, Seiji Takagi, Takashi Itokawa, Akiko Tajima, Tatsuhiko Kobayashi and Yuichi Hori	BMC Ophthalmology	21	1	1-8	2021	6	10.1186/s12886-021-01980-w	https://doi.org/10.1186/s12886-021-01980-w
205	Changes in ocular anterior segment blood flow and temperature after thermal pulsation treatment in patients with meibomian gland dysfunction	Takashi Itokawa, Sayaka Sumazaki, Yukinobu Okajima, Koji Kakisu, Takashi Suzuki and Yuichi Hori	Investigative Ophthalmology & Visual Science	62	8	1239	2021	6		https://iovs.arvojournals.org/article.aspx?articleid=2774800

206	Real-Time Evaluation of Regional Arterial Stiffening, Resistance, and Ocular Circulation During Systemic Administration of Adrenaline in White Rabbits	Tetsuya Komatsu, Tomoaki Shiba, Kento Watanabe, Kiyoshi Sakuma, Megumi Aimoto, Yoshinobu Nagasawa, Akira Takahara and Yuichi Hori	Translational Vision Science and Technology	10	9 11-11	2021	8 10.1167/tvst.10.9.11	https://doi.org/10.1167/tvst.10.9.11
207	Characteristics of laterality in the optic nerve head microcirculation obtained by laser speckle flowgraphy in healthy subjects	Tatsuhiko Kobayashi, Tomoaki Shiba, Kenji Okamoto, Tomohiko Usui and Yuichi Hori	Graefe's Archive for Clinical and Experimental Ophthalmology	2022	1-7	2022	3 10.1007/s00417-022-05631-8	https://doi.org/10.1007/s00417-022-05631-8
208	レーザースペックルフローグラフィーを用いた視神経炎疑い症例におけるUhthoff徴候出現前後の眼血流測定	濱 奈緒子, 松本 直, 富田 匡彦, 功刀 葉子, 加藤 桂子, 堀 裕一, 石川 均	神経眼科	39	1 34-39	2022	3 10.11476/shinkeiganka.39.34	https://doi.org/10.11476/shinkeiganka.39.34
209	Effect of wind stimulation on ocular surface temperatures and blood flow in soft contact lens wearers	Takashi Itokawa, Yukinobu Okajima, Hiroko Iwashita, Koji Kakisu and Yuichi Hori	Investigative Ophthalmology & Visual Science	63	7 520-A0218	2022	6	https://iovs.arvojournals.org/article.aspx?articleid=2779591
210	Association between mask-associated dry eye (MADE) and corneal sensations	Takashi Itokawa, Yukinobu Okajima, Hiroko Iwashita, Kakisu Koji, Takashi Suzuki and Yuichi Hori	Scientific Reports	13	1 1625	2023	1 10.1038/s41598-022-23994-0	https://doi.org/10.1038/s41598-022-23994-0
211	Ocular blood flow evaluation by laser speckle flowgraphy in pediatric patients with anisometropia	Takashi Itokawa, Tadashi Matsumoto, Saiko Matsumura, Momoko Kawakami and Yuichi Hori	Frontiers in Public Health	11	1093686	2023	3 10.3389/fpubh.2023.1093686	https://doi.org/10.3389/fpubh.2023.1093686
212	プロスタグランジン関連薬点眼治療介入前後における視神経乳頭血流変化と乳頭周囲脈絡網膜萎縮との関連の解析	内匠哲郎, 伊藤浩幸, 安樂礼子, 竹山明日香, 榎本暢子, 石田恭子, 富田剛司	あたらしい眼科	34	5 734-739	2017	5	
213	Association between Optic Nerve Head Microcirculation and Macular Ganglion Cell Complex Thickness in Eyes with Untreated Normal Tension Glaucoma and a Hemifield Defect	Ayako Anraku, Kyoko Ishida, Nobuko Enomoto, Seiji Takagi, Hiroyuki Ito, Asuka Takeyama, Fumihiko Yagi and Goji Tomita,	Journal of Ophthalmology	2017		2017	3 10.1155/2017/3608396	https://doi.org/10.1155/2017/3608396
214	Comparison of Optical Coherence Tomography Angiography and Laser Speckle Flowgraphy for the Diagnosis of Normal-Tension Glaucoma	Asuka Takeyama, Kyoko Ishida, Ayako Anraku, Masahiro Ishida and Goji Tomita	Journal of Ophthalmology	2018		2018	2 10.1155/2018/1751857	https://doi.org/10.1155/2018/1751857
215	Factors Related to a Right-Left Difference in Visual Field Defect in the Eyes with Untreated Normal Tension Glaucoma	Haruka Moroi, Ayako Anraku, Kyoko Ishida and Goji Tomita	Journal of Ophthalmology	2018		2018	2 10.1155/2018/4595214	https://doi.org/10.1155/2018/4595214
216	Pulse Waveform Analysis of the Ocular Blood Flow Using LaserSpeckle Flowgraphy before and after Glaucoma Treatment	Satoko Masai, Kyoko Ishida, Ayako Anraku, Tetsuro Takumi and Goji Tomita	Journal of Ophthalmology	2019		2019	10 10.1155/2019/1980493	https://doi.org/10.1155/2019/1980493
217	Ocular and Systemic Factors Affecting Laser Speckle Flowgraphy Measurements in the Optic Nerve Head	Ayako Anraku, Nobuko Enomoto, Goji Tomita, Aiko Iwase, Takashi Sato, Nobuyuki Shoji, Tomoaki Shiba, Toru Nakazawa, Kazuhisa Sugiyama, Koji Nitta and Makoto Araie	Translational Vision Science and Technology	10	1 13	2021	1 10.1167/tvst.10.1.13	https://doi.org/10.1167/tvst.10.1.13
218	Characterization of laser speckle flowgraphy pulse waveform parameters for the evaluation of the optic nerve head and retinal circulation	Nobuko Enomoto, Ayako Anraku, Goji Tomita, Aiko Iwase, Takashi Sato, Nobuyuki Shoji, Tomoaki Shiba, Toru Nakazawa, Kazuhisa Sugiyama, Koji Nitta and Makoto Araie	Scientific Reports	11	1 1-12	2021	3 10.1038/s41598-021-86280-5	https://doi.org/10.1038/s41598-021-86280-5
219	Relationship between the Direction of Ophthalmic Artery Blood Flow and Ocular Microcirculation before and after Carotid Artery Stenting	Masashi Ishii, Morito Hayashi, Fumihiko Yagi, Kenichiro Sato, Goji Tomita and Satoshi Iwabuchi	Journal of Ophthalmology	2016		2016	12 10.1155/2016/2530914	http://dx.doi.org/10.1155/2016/2530914
220	Artery Blood Flow and Ocular Microcirculation before	内田研一, 新家真, 清水壮一郎, 藤居仁	病態生理	11	1 41-46	1992	1	
221	An Application of laser speckle phenomenon for non-invasive 2-dimensional evaluation of microcirculation in ocular fundus	Yasuhiro Tamaki, Eizo Kawamoto, Shuichiro Eguchi, Makoto Araie and Hitoshi Fujii	Japanese Journal of Ophthalmology	37	2 178-186	1993		http://www.ncbi.nlm.nih.gov/pubmed/8230843
222	レーザースペックル現象を利用した視神経乳頭末梢循環の生体用二次元解析機の開発	玉置泰裕, 川本英三, 江口秀一郎, 新家真, 藤居仁	日本眼科学会雑誌	97	4 501-508	1993	4	http://www.ncbi.nlm.nih.gov/pubmed/8317370
223	レーザースペックル現象を利用した脈絡膜末梢循環の生体用二次元解析機の開発	玉置泰裕, 川本英三, 江口秀一郎, 新家真, 藤居仁	日本眼科学会雑誌	97	5 602-609	1993	5	http://www.ncbi.nlm.nih.gov/pubmed/8337964
224	Ca拮抗薬の家兎脈絡膜末梢循環に及ぼす影響ーレーザースペックル末梢循環解析機による検討ー	玉置泰裕, 川本英三, 江口秀一郎, 新家真, 藤居仁	臨床眼科	47	3 365-368	1993	3	http://ci.nii.ac.jp/naid/50003878184/
225	レーザースペックル現象を利用した網膜末梢循環の生体用二次元解析機の開発	玉置泰裕, 川本英三, 新家真, 江口秀一郎, 藤居仁	日本眼科学会雑誌	98	1 47-54	1994	1	http://www.ncbi.nlm.nih.gov/pubmed/8109446
226	レーザースペックル現象を利用した視神経乳頭および脈絡膜末梢循環の血流測定	玉置泰裕, 川本英三, 新家真, 江口秀一郎, 藤居仁	日本眼科学会雑誌	98	2 162-168	1994	2	http://www.ncbi.nlm.nih.gov/pubmed/8109460
227	レーザースペックル現象を利用した網膜末梢循環の生体用二次元解析-2.Microsphere法による測定値との比較-	玉置泰裕, 川本英三, 新家真, 江口秀一郎, 藤居仁	日本眼科学会雑誌	98	2 169-174	1994	2	http://www.ncbi.nlm.nih.gov/pubmed/8109461

228	Ca拮抗薬の家兎網膜末梢循環に及ぼす影響	玉置泰裕, 川本英三, 新家真, 江口秀一郎, 藤居仁	日本眼科学会雑誌	98	3	240-244	1994	3		http://www.ncbi.nlm.nih.gov/pubmed/8154380
229	Noncontact, Two-Dimensional Measurement of Retinal Microcirculation Using Laser Speckle Phenomenon	Yasuhiro Tamaki, Makoto Araie, Eizo Kawamoto, Shuichiro Eguchi and Hitoshi Fujii	Investigative Ophthalmology & Visual Science	35	11	3825-3834	1994	10		http://www.iovs.org/content/35/11/3825.short
230	レーザースペックル現象を利用した非侵襲的生体眼虹彩末梢循環解析	富所敦男, 玉置泰裕, 富田憲, 永原幸, 新家真, 藤居仁	日本眼科学会雑誌	99	2	143-148	1995	2		http://www.ncbi.nlm.nih.gov/pubmed/7701984
231	Noncontact, Two-Dimensional Measurement of Tissue Circulation in Choroid and Optic Nerve Head Using Laser Speckle Phenomenon	Yasuhiro Tamaki, Makoto Araie, Eizo Kawamoto, Shuichiro Eguchi and Hitoshi Fujii	Experimental Eye Research	60	4	373-383	1995	4	10.1016/S0014-4835(05)80094-6	http://dx.doi.org/10.1016/S0014-4835(05)80094-6
232	レーザースペックル現象を利用した人眼視神経乳頭および脈絡膜末梢循環血流連続測定機の試作	玉置泰裕, 富田憲, 新家真, 永原幸, 富所敦男, 小西直樹, 藤居仁	日本眼科学会雑誌	99	5	601-606	1995	5		http://www.ncbi.nlm.nih.gov/pubmed/7785517
233	Time Change of Nicardipine Effect on Tissue Circulation in Retina in Living Rabbit eyes	Yasuhiro Tamaki, Makoto Araie, Ken Tomita and Atsuo Tomidokoro	Current eye research	15	5	543-548	1996	5	10.3109/02713689609000765	http://dx.doi.org/10.3109/02713689609000765
234	レーザースペックル現象を利用した網膜血管血流速度の測定 －第１報　第二分枝以後の網膜静脈血流速度の測定－	永原幸, 玉置泰裕, 新家真, 藤居 仁	日本眼科学会雑誌	101	2	173-179	1997	2		http://www.ncbi.nlm.nih.gov/pubmed/9124100
235	Real-Time Measurement of Human Optic Nerve Head and Choroid Circulation, Using the Laser Speckle Phenomenon	Yasuhiro Tamaki, Makoto Araie, Ken Tomita, Miyuki Nagahara, Atsuo Tomidokoro and Hitoshi Fujii	Japanese Journal of Ophthalmology	41	1	49-54	1997	1	10.1016/S0021-5155(96)00008-1	http://dx.doi.org/10.1016/S0021-5155(96)00008-1
236	レーザースペックル法による生体眼循環測定 －装置と眼科研究への応用－	Makoto Araie	日本眼科学会雑誌	103	12	871-909	1999	12		http://www.ncbi.nlm.nih.gov/pubmed/10643292
237	In vivo measurement of blood velocity in human major retinal vessels using the laser speckle method	Miyuki Nagahara, Yasuhiro Tamaki, Atsuo Tomidokoro and Makoto Araie	Investigative Ophthalmology & Visual Science	52	1	87-92	2011	1	10.1167/iovs.09-4422	http://dx.doi.org/10.1167/iovs.09-4422
238	Calcium channels and their blockers in intraocular pressure and glaucoma	Chihiro Mayama	European journal of pharmacology				2013	12	10.1016/j.ejphar.2013.10.073	http://dx.doi.org/10.1016/j.ejphar.2013.10.073
239	網膜静脈分枝閉塞症における静脈血流速度と黄斑浮腫	小暮朗子, 田村明子, 三田覚, 堀貞夫	臨床眼科	65	10	1609-1614	2011	10		http://medicalfinder.jp/ejournal/1410103867.html
240	網膜硝子体疾患(糖尿病眼合併症以外):臨床研究の取り組み	堀貞夫	東京女子医科大学雑誌	82	臨時号	E3-E7	2012	1		http://hdl.handle.net/10470/29837
241	レーザースペックルフローグラフィー(LSFG-NAVI)で何がわかるか	小暮朗子, 堀貞夫	東京女子医科大学雑誌	82	臨時号	E30-E40	2012	1		http://hdl.handle.net/10470/29828
242	レーザースペックルフローグラフィーにより血行動態を観察した特発性血小板減少性紫斑病(ITP)に合併した切迫型網膜中心静脈閉塞症の1例	新井歌奈江, 小暮朗子, 小野まどか, 田村明子, 堀貞夫	東京女子医科大学雑誌	82	臨時号	E254-E259	2012	1		http://hdl.handle.net/10470/29821
243	レーザースペックルフローグラフィを用いた正常眼における網脈絡膜血流動態と加齢の関係	田村明子, 小暮朗子, 渡辺五郎, 岸章治, 堀貞夫	日本眼科学会雑誌	117	2	110-116	2013	2		http://www.ncbi.nlm.nih.gov/pubmed/23534255
244	脈絡膜	小暮朗子	臨床眼科	68	11	123-134	2014	10		http://medicalfinder.jp/doi/abs/10.11477/mf.1410200040
245	Laser speckle flowgraphy	小暮朗子	臨床眼科	69	13	1764-1773	2015	11		http://medicalfinder.jp/doi/abs/10.11477/mf.1410211648
246	網膜動脈閉塞症	小暮朗子	臨床眼科	70	5	660-670	2016	4		
247	レーザースペックルフローグラフィー(LSFG)	小暮朗子	眼科	58	11	1314-1325	2016	10		http://www.kanehara-shuppan.co.jp/magazines/detail.html?kubun=02453&code=024532016105
248	網膜静脈分枝閉塞症における黄斑虚血の評価	三上　侑利子, 小暮　朗子, 古泉　英貴, 新田　恵理, 小川　友紀, 飯田　知弘	臨床眼科	71	10	1533-1539	2017	10	10.11477/mf.1410212433	http://medicalfinder.jp/doi/abs/10.11477/mf.1410212446
249	レーザースペックルフローグラフィを用いた網膜中心静脈閉塞症における虚血性変化の評価	小川　友紀, 小暮　朗子, 古泉　英貴, 三上　侑利子, 飯田　知弘	臨床眼科	71	10	1601-1607	2017	10	10.11477/mf.1410212446	http://medicalfinder.jp/doi/abs/10.11477/mf.1410212446
250	LSFGによる眼循環の評価	小暮朗子	眼科	59	12	1421-1428	2017	11		http://www.kanehara-shuppan.co.jp/magazines/detail.html?kubun=02453&code=024532017110
251	Changes of retinal flow volume after intravitreal injection of bevacizumab in branch retinal vein occlusion with macular edema: a case series	Hidetaka Noma, Kanako Yasuda, Terumi Minezaki, Sho Watarai and Masahiko Shimura	BMC Ophthalmology	16	1	61	2016	5	10.1186/s12886-016-0239-8	https://doi.org/10.1186/s12886-016-0239-8
252	Relationship between retinal blood flow and cytokines in central retinal vein occlusion	Hidetaka Noma, Kanako Yasuda, Tatsuya Mimura, Akemi Ofusa, and Masahiko Shimura	BMC Ophthalmology	20	1	215	2020	6	10.1186/s12886-020-01486-x	https://doi.org/10.1186/s12886-020-01486-x
253	Intravitreal ranibizumab reduced ocular blood flow and aqueous cytokine levels and improved retinal morphology in patients with diabetic macular edema	Toru Mizui, Hidetaka Noma, Kanako Yasuda, Tomoe Kanemaki, Hiroshi Goto and Masahiko Shimura	Scientific Reports	10	1	1-8	2020	12	10.1038/s41598-020-78792-3	https://doi.org/10.1038/s41598-020-78792-3
254	Retinal Microcirculation and Cytokines as Predictors for Recurrence of Macular Edema after Intravitreal Ranibizumab Injection in Branch Retinal Vein Occlusion	Hidetaka Noma, Kanako Yasuda, Tatsuya Mimura, Noboru Suganuma and Masahiko Shimura	Journal of Clinical Medicine	10	1	58	2020	12	10.3390/jcm10010058	https://doi.org/10.3390/jcm10010058

255	Retinal Blood Flow as a Predictor of Recurrence of Macular Edema after Intravitreal Ranibizumab Injection in Central Retinal Vein Occlusion	Yurika Takano, Hidetaka Noma, Kanako Yasuda, Tomoe Yamaguchi, Hiroshi Goto and Masahiko Shimura	Ophthalmic Research				2021	8	10.1159/000519150	https://doi.org/10.1159/000519150
256	Hemodynamics of focal choroidal excavations	Ryoko Soma, Muka Moriyama and Kyoko Ohno-Matsui	International Ophthalmology			1-8	2015	1	10.1007/s10792-015-0042-1	http://dx.doi.org/10.1007/s10792-015-0042-1
257	Evaluation of ocular blood flow in response to induced systemic hyperoxia using a Laser Speckle Flowgraphy in anesthetized pigs	Taiji Nagaoka, HIrotsugu Hanazaki, Hiroyuki Nakashizuka, Hajime Onoe, Hiroshi Aso, Junya Hanaguri, Masahisa Watanabe, Harumasa Yokota and Satoru Yamagami	Investigative Ophthalmology & Visual Science	61	7	1742	2020	6		https://iovs.arvojournals.org/article.aspx?articleid=2767191
258	Longitudinal stability of retinal blood flow regulation in response to flicker stimulation and systemic hyperoxia in mice assessed with laser speckle flowgraphy	Junya Hanaguri, Harumasa Yokota, Masahisa Watanabe, Lih Kuo, Satoru Yamagami and Taiji Nagaoka	Scientific Reports	10	1	1-9	2020	11	10.1038/s41598-020-75296-y	https://doi.org/10.1038/s41598-020-75296-y
259	Evaluation of ocular blood flow over time in a treated retinal arterial macroaneurysm using laser speckle flowgraphy	Hirotsugu Hanazaki, Harumasa Yokota, Hiroshi Aso, Satoru Yamagami and Taiji Nagaoka	American Journal of Ophthalmology Case Reports	21		101022	2021	2	10.1016/j.ajoc.2021.101022	https://doi.org/10.1016/j.ajoc.2021.101022
260	Role of ICAM-1 in impaired retinal circulation in rhegmatogenous retinal detachment	Harumasa Yokota, Taiji Nagaoka, Hidetaka Noma, Akemi Ofusa, Tomoe Kanemaki, Hiroshi Aso, Hirotsugu Hanazaki, Satoru Yamagami and Masahiko Shimura	Scientific Reports	11	1	1-8	2021	7	10.1038/s41598-021-94993-w	https://doi.org/10.1038/s41598-021-94993-w
261	Retinal Blood Flow Dysregulation Precedes Neural Retinal Dysfunction in Type 2 Diabetic Mice.	Junya Hanaguri, Harumasa Yokota, Masahisa Watanabe, Satoru Yamagami, Akifumi Kushiyama, Lih Kuo and Taiji Nagaoka	Scientific Reports	11	1	1-11	2021	9	10.1038/s41598-021-97651-3	https://doi.org/10.1038/s41598-021-97651-3
262	Comprehensive Assessment of Systemic Atherosclerosis in Relation to the Ocular Resistive Index in Acute Coronary Syndrome Patients.	Yasunari Ebuchi, daisuke fukamachi, Keisuke Kojima, Taiji Nagaoka, Nobuhiro Murata, Akihito Ohgaku, Yutaka Koyama, Hidesato Fujito, Riku Arai, Masaki Monden, Takehiro Tamaki, Daisuke Kitano, Yasuo Okumura, Satoru Yamagami	Circulation	144	Suppl_	A8881	2021	11		https://www.ahajournals.org/doi/abs/10.1161/circ.144.suppl_1.8881
263	Effect of prorenin peptide vaccine on the early phase of diabetic retinopathy in a murine model of type 2 diabetes	Harumasa Yokota, Hiroki Hayashi, Junya Hanaguri, Satoru Yamagami, Akifumi Kushiyama, Hironori Nakagami and Taiji Nagaoka	PLOS ONE	17	1	e0262568	2022	1	10.1371/journal.pone.0262568	https://doi.org/10.1371/journal.pone.0262568
264	The Effect of Sodium-Dependent Glucose Cotransporter 2 Inhibitor Tofogliflozin on Neurovascular Coupling in the Retina in Type 2 Diabetic Mice	Junya Hanaguri, Harumasa Yokota, Akifumi Kushiyama, Sakura Kushiyama, Masahisa Watanabe, Satoru Yamagami and Taiji Nagaoka	International Journal of Molecular Sciences	23	3	1362	2022	1	10.3390/ijms23031362	https://doi.org/10.3390/ijms23031362
265	Fenofibrate Nano-Eyedrops Ameliorate Retinal Blood Flow Dysregulation and Neurovascular Coupling in Type 2 Diabetic Mice	Junya Hanaguri, Noriaki Nagai, Harumasa Yokota, Akifumi Kushiyama, Masahisa Watanabe, Satoru Yamagami and Taiji Nagaoka	Pharmaceutics	14	2	384	2022	2	10.3390/pharmaceutics14020384	https://doi.org/10.3390/pharmaceutics14020384
266	Comprehensive assessment of systemic arteriosclerosis in relation to the ocular resistive index in acute coronary syndrome patients	Yasunari Ebuchi, Taiji Nagaoka, Daisuke Fukamachi, Keisuke Kojima, Naotaka Akutsu, Nobuhiro Murata, Yuki Saito, Daisuke Kitano, Harumasa Yokota, Satoru Yamagami and Yasuo Okumura	Scientific Reports	12	1	1-11	2022	2	10.1038/s41598-021-04196-6	https://doi.org/10.1038/s41598-021-04196-6
267	Increased Microcirculation on Optic Nerve Head by Laser Speckle Flowgraphy at Early Stage of Leber Hereditary Optic Neuropathy	Toshiki Watanabe, Yukihiko Mashima, Kazuteru Kigasawa, Asako Mashima, Masahiko Shimura and Akito Hirakata	Neuro-Ophthalmology	43	6	411-416	2018	10	10.1080/01658107.2018.1526956	https://doi.org/10.1080/01658107.2018.1526956
268	Ocular blood flow decreases during passive heat stress in resting humans	Tsukasa Ikemura, Akane Miyaji, Hideaki Kashima, Yuji Yamaguchi and Naoyuki Hayashi	Journal of physiological anthropology	32	1	23	2013	12	10.1186/1880-6805-32-23	http://dx.doi.org/10.1186/1880-6805-32-23
269	Effects of Heat Stress on Ocular Blood Flow during Exhaustive Exercise	Tsukasa Ikemura, Naoyuki Hayashi	Journal of Sports Science and Medicine	13	1	172-179	2014	1		http://www.jssm.org/vol13/n1/24/v13n1-24text.php
270	Regional differences in the vascular response to CO 2 among cerebral, ocular, and mesenteric vessels.	A. Miyaji, T. Ikemura, Y. Hamada and N. Hayashi	Artery Research				2015	9	10.1016/j.artres.2015.08.001	http://dx.doi.org/10.1016/j.artres.2015.08.001
271	Effect of Aging on the Blowout Time in Various Ocular Vessels	A. Miyaji, T. Ikemura and N. Hayashi	Aging Sci	4	1		2016	4	10.4172/2329-8847.1000148	http://www.esciencecentral.org/journals/aging-science-abstract.php?abstract_id=70605

272	Acute and Chronic Periocular Massage for Ocular Blood Flow and Vision: a Randomized Controlled Trial	Naoyuki Hayashi, Lanfei Du	International Journal of Therapeutic Massage & Bodywork	14	2	5-13	2021	6	https://pubmed.ncbi.nlm.nih.gov/34079599/
273	Effects of aging and exercise habits on blood flow profile of the ocular circulation	Chihyun Liu, Tatsuhiko Kobayashi, Tomoaki Shiba and Naoyuki Hayashi	PLOS ONE	17	4	e0266684	2022	4 10.1371/journal.pone.0266684	https://doi.org/10.1371/journal.pone.0266684
274	Inner ocular blood flow responses to an acute decrease in blood pressure in resting humans	Tsukasa Ikemura, Hideaki Kashima, Yuji Yamaguchi, Akane Miyaji and Naoyuki Hayashi	Physiological measurement	36	2	219	2015	1 10.1088/0967-3334/36/2/219	http://dx.doi.org/10.1088/0967-3334/36/2/219
275	Inner ocular blood flow response to exercise in healthy humans	Tsukasa Ikemura, Naoyuki Hayashi	The Journal of Physical Fitness and Sports Medicine	6	4	223-226	2017	7 10.7600/jpfsm.6.223	http://dx.doi.org/10.7600/jpfsm.6.223
276	Fluid intake restores retinal blood flow early after exhaustive exercise in healthy subjects	Tsukasa Ikemura, Katsuhiko Suzuki, Nobuhiro Nakamura, Koichi Yada and Naoyuki Hayashi	European Journal of Applied Physiology				2018	3 10.1007/s00421-018-3839-6	https://doi.org/10.1007/s00421-018-3839-6
277	硝子体手術	佐藤尚栄, 門之園一明	眼科	59	12	1463-1470	2017	11	http://www.kanehara-shuppan.co.jp/magazines/detail.html?kubun=02453&code=024532017110
278	緑内障治療薬配合剤の単回点眼による健常者視神経乳頭血流に及ぼす影響	笠原正行, 庄司信行, 森田哲也, 平澤一法, 清水公也	あたらしい眼科	29	8	1136-1140	2012	8	http://www.atagan.jp/article/20120825.htm
279	レーザースペックルフローグラフィーにおける視神経乳頭血流の再現性および一致性	小川 莉奈, 斎藤 彩, 江黒 友春, 永野 幸一, 山口 純, 庄司 信行	日本視能訓練士協会誌	50		129-134	2022	2 10.4263/jorthoptic.50F115	https://doi.org/10.4263/jorthoptic.50F115
280	Impact of acute dynamic exercise on vascular stiffness in the retinal arteriole in healthy subjects	Tsukasa Ikemura, Nobuhiro Nakamura, and Naoyuki Hayashi	Journal of Applied Physiology	132	2	459-468	2021	12 10.1152/japplphysiol.00507.2021	https://doi.org/10.1152/japplphysiol.00507.2021
281	Longitudinal Changes in Optic Nerve Head Blood Flow in Normal Rats Evaluated by Laser Speckle Flowgraphy	Yasushi Wada, Tomomi Higashide, Atsushi Nagata and Kazuhisa Sugiyama	Investigative Ophthalmology & Visual Science	57	13	5568-5575	2016	10 10.1167/iovs.16-19945	http://dx.doi.org/10.1167/iovs.16-19945
282	The Relationship Between Interocular Asymmetry of Visual Field Defects and Optic Nerve Head Blood Flow in Patients with Glaucoma	Yutaro Yamada, Tomomi Higashide, Sachiko Udagawa, Satoshi Takeshima, Kimikazu Sakaguchi, Koji Nitta and Kazuhisa Sugiyama	Journal of Glaucoma				2018	1 10.1097/IJG.0000000000001181	https://dx.doi.org/10.1097/IJG.0000000000001181
283	緑内障性視神経症の画像診断	東出 朋巳	臨床眼科	72	11	144-150	2018	10	http://www.igaku-shoin.co.jp/journalDetail.do?journal=37801
284	Effects of ripasudil, a rho kinase inhibitor, on blood flow in the optic nerve head of normal rats	Yasushi Wada, Tomomi Higashide, Atsushi Nagata and Kazuhisa Sugiyama	Graefe's Archive for Clinical and Experimental Ophthalmology	2018			2018	11 10.1007/s00417-018-4191-6	https://doi.org/10.1007/s00417-018-4191-6
285	Effects of Trabeculectomy on Waveform Changes of Laser Speckle Flowgraphy in Open Angle Glaucoma	Satoshi Takeshima, Tomomi Higashide, Masayo Kimura, Sachiko Udagawa, Yutaro Yamada, Daisuke Takemoto, Shinji Ohkubo and Kazuhisa Sugiyama	Investigative Ophthalmology & Visual Science	60	2	677-684	2019	2 10.1167/iovs.18-25694	https://www.doi.org/10.1167/iovs.18-25694
286	Relationship Between Changes in the Choroidal Structure and Blood Flow of the Macula After Trabeculectomy	Yuki Takamatsu, Tomomi Higashide, Satoshi Takeshima, Makoto Sasaki, Yoshimi Manbo, Sachiko Udagawa, Shinji Ohkubo, Shozo Sonoda, Taiji Sakamoto and Kazuhisa Sugiyama	Translational Vision Science and Technology	10	14	30	2021	12 10.1167/tvst.10.14.30	https://doi.org/10.1167/tvst.10.14.30
287	Compromised blood flow in the optic nerve head after systemic administration of 2 aldosterone in rats: A possible rat model of retinal ganglion cell loss	Yasushi Wada, Tomomi Higashide, Kimikazu Sakaguchi, Atsushi Nagata, Kazuyuki Hirooka and Kazuhisa Sugiyama	Current Eye Research				2022	2 10.1080/02713683.2022.2029907	https://doi.org/10.1080/02713683.2022.2029907
288	Waveform changes of laser speckle flowgraphy in the temporal optic nerve head and peripapillary atrophy after trabeculectomy in open-angle glaucoma	Makoto Sasaki, Tomomi Higashide, Satoshi Takeshima, Yuki Takamatsu, Yoshimi Manbo, Sachiko Udagawa and Kazuhisa Sugiyama	Scientific Reports	12	1	9802	2022	6 10.1038/s41598-022-13989-2	https://doi.org/10.1038/s41598-022-13989-2
289	Aldosterone as a Possible Contributor to Eye Diseases	Tomomi Higashide, Kazuyuki Hirooka, Mitsuhiro Kometani and Kazuhisa Sugiyama	Endocrinology	164	2		2022	12 10.1210/endocr/bqac201	https://doi.org/10.1210/endocr/bqac201
290	A pharmacological approach in newly established retinal vein occlusion model	Shinichiro Fuma, Anri Nishinaka, Yuki Inoue, Kazuhiro Tsuruma, Masamitsu Shimazawa, Mineo Kondo and Hideaki Hara	Scientific Reports	7	1	43509	2017	3 10.1038/srep43509	http://dx.doi.org/10.1038/srep43509

291	Irreversible Photoreceptors and RPE Cells Damage by Intravenous Sodium Iodate in Mice Is Related to Macrophage Accumulation	Mayu Moriguchi, Shinsuke Nakamura, Yuki Inoue, Anri Nishinaka, Maho Nakamura, Masamitsu Shimazawa and Hideaki Hara	Investigative Ophthalmology & Visual Science	59	8	3476-3487	2018	7	10.1167/iovs.17-23532	http://dx.doi.org/10.1167/iovs.17-23532
292	Pathophysiological Role of VEGF on Retinal Edema and Nonperfused Areas in Mouse Eyes With Retinal Vein Occlusion	Anri Nishinaka, Yuki Inoue, Shinichiro Fuma, Yoshifumi Hida, Shinsuke Nakamura, Masamitsu Shimazawa and Hideaki Hara	Investigative Ophthalmology & Visual Science	59	11	4701-4713	2018	9	10.1167/iovs.18-23994	http://dx.doi.org/10.1167/iovs.18-23994
293	The Changes in Blood Flow Seen in the Eye after Foot Acupuncture Treatment in Mice	Anri Nishinaka, Koki Nitta, Takashi Seki, Hideaki Hara and Masamitsu Shimazawa	Evidence-Based Complementary and Alternative Medicine	2020		6405471	2020	4	10.1155/2020/6405471	https://doi.org/10.1155/2020/6405471
294	Efficacy of an Anti-Semaphorin 3A Neutralizing Antibody in a Male Experimental Retinal Vein Occlusion Mouse Model	Shinsuke Nakamura, Anri Nishinaka, Yae Hidaka, Masamitsu Shimazawa, Leo Thomas, Remko A. Bakker and Hideaki Hara	Investigative Ophthalmology & Visual Science	63	8	14	2022	7		
295	TRPV4 channels promote vascular permeability in retinal vascular disease	Anri Nishinaka, Miruto Tanaka, Kentaro Ohara, Eiji Sugaru, Yuji Shishido, Akemi Sugiura, Yukiko Moriguchi, Amane Toui, Shinsuke Nakamura, Kaoru Shimada, Shuzo Watanabe, Hideaki Hara and Masamitsu Shimazawa	Experimental Eye Research	228		109405	2023	2	10.1016/j.exer.2023.109405	https://doi.org/10.1016/j.exer.2023.109405
296	Diurnal Variations in Blood Flow at Optic Nerve Head and Choroid in Healthy Eyes: Diurnal Variations in Blood Flow.	Takeshi Iwase, Kentaro Yamamoto, Eimei Ra, Kenta Murotani, Shigeyuki Matsui and Hiroko Terasaki	Medicine	94	6	e819	2015	2	10.1097/MD.0000000000000519	http://journals.lww.com/md-journal/pages/articleviewer.aspx?year=2015&issue=02020&article=00023&type=abstract
297	網膜循環測定の臨床応用	岩瀬剛	臨床眼科	69	5	603-612	2015	5		http://medicalfinder.jp/doi/abs/10.11477/mf.1410211318
298	Sex-Related Differences in Ocular Blood Flow of Healthy Subjects Using Laser Speckle Flowgraphy	Kosei Yanagida, Takeshi Iwase, Kentaro Yamamoto, Eimei Ra, Hiroki Kaneko, Kenta Murotani, Shigeyuki Matsui and Hiroko Terasaki	Investigative Ophthalmology & Visual Science	56	8	4880-4890	2015	7	10.1167/iovs.15-16567	http://dx.doi.org/10.1167/iovs.15-16567
299	Differences of Retinal Blood Flow Between Arteries and Veins Determined by Laser Speckle Flowgraphy in Healthy Subjects	Takeshi Iwase, Eimei Ra, Kentaro Yamamoto, Hiroki Kaneko, Yasuki Ito and Hiroko Terasaki	Medicine	94	33	e1256	2015	8	10.1097/MD.0000000000001256	http://dx.doi.org/10.1097/MD.0000000000001256
300	What ocular and systemic variables affect choroidal circulation in healthy eyes	Takeshi Iwase, Kentaro Yamamoto, Misato Kobayashi, Eimei Ra, Kenta Murotani and Hiroko Terasaki	Medicine	95	43	e5102	2016	10	10.1097/MD.0000000000005102	http://dx.doi.org/10.1097/MD.0000000000005102
301	Changes in Blood Flow on Optic Nerve Head After Vitrectomy for Rhegmatogenous Retinal Detachment	Takeshi Iwase, Misato Kobayashi, Kentaro Yamamoto, Kosei Yanagida, Eimei Ra and Hiroko Terasaki	Investigative Ophthalmology & Visual Science	57	14	6223-6233	2016	11	10.1167/iovs.16-20577	http://dx.doi.org/10.1167/iovs.16-20577
302	Changes in Retinal Microcirculation After Intravitreal Ranibizumab Injection in Eyes With Macular Edema Secondary to Branch Retinal Vein Occlusion	Marie Fukami, Takeshi Iwase, Kentaro Yamamoto, Hiroki Kaneko, Shunsuke Yasuda and Hiroko Terasaki	Investigative Ophthalmology & Visual Science	58	2	1246-1255	2017	2	10.1167/iovs.16-21115	http://dx.doi.org/10.1167/iovs.16-21115
303	Effects of photocoagulation on ocular blood flow in patients with severe non-proliferative diabetic retinopathy	Takeshi Iwase, Misato Kobayashi, Kentaro Yamamoto, Eimei Ra and Hiroko Terasaki	PLOS ONE	12	3	e0174427	2017	3	10.1371/journal.pone.0174427	http://dx.doi.org/10.1371/journal.pone.0174427
304	Diurnal variation of pulse waveform parameters determined by laser speckle flowgraphy on the optic nerve head in healthy subjects.	Marie Fukami, Takeshi Iwase, Kentaro Yamamoto, Eimei Ra, Kenta Murotani and Hiroko Terasaki	Medicine	96	44	e8312	2017	11	10.1097/MD.0000000000008312	http://dx.doi.org/10.1097/MD.0000000000008312
305	Change in choroidal blood flow and choroidal morphology due to segmental scleral buckling in eyes with rhegmatogenous retinal detachment	Takeshi Iwase, Misato Kobayashi, Kentaro Yamamoto, Kosei Yanagida, Eimei Ra and Hiroko Terasaki	Scientific Reports	7	1	5997	2017	7	10.1038/s41598-017-05126-1	https://doi.org/10.1038/s41598-017-05126-1
306	Investigation of causes of sex-related differences in ocular blood flow in healthy eyes determined by laser speckle flowgraphy	Takeshi Iwase, Kentaro Yamamoto, Kosei Yanagida, Eimei Ra, Yasuki Ito, Kenta Murotani and Hiroko Terasaki	Scientific Reports	7	1	13878	2017	10	10.1038/s41598-017-14118-0	https://doi.org/10.1038/s41598-017-14118-0
307	A randomized clinical trial evaluating choroidal blood flow and morphology after conventional and pattern scan laser panretinal photocoagulation	Yuji Mikoshiba, Takeshi Iwase, Yoshitaka Ueno, Kentaro Yamamoto, Eimei Ra and Hiroko Terasaki	Scientific Reports	8	1	14128	2018	9	10.1038/s41598-018-32487-y	https://doi.org/10.1038/s41598-018-32487-y
308	Evaluation of optic nerve head blood flow in response to increase of intraocular pressure	Takeshi Iwase, Tomohiko Akahori, Kentaro Yamamoto, Eimei Ra and Hiroko Terasaki	Scientific Reports	8	1	17235	2018	11	10.1038/s41598-018-35683-y	https://doi.org/10.1038/s41598-018-35683-y
309	Correlation between blood flow on optic nerve head and structural and functional changes in eyes with glaucoma	Fumi Kuroda, Takeshi Iwase, Kentaro Yamamoto, Eimei Ra and Hiroko Terasaki	Scientific Reports	10		729	2020	1	10.1038/s41598-020-57583-w	https://doi.org/10.1038/s41598-020-57583-w

310	Differences in Blood Flow Between Superior and Inferior Retinal Hemispheres	Ryo Tomita, Takeshi Iwase, Yoshitaka Ueno, Kensuke Goto, Kentaro Yamamoto, Eimei Ra and Hiroko Terasaki	Investigative Ophthalmology & Visual Science	61	5 27	2020	5	10.1167/iovs.61.5.27	https://doi.org/10.1167/iovs.61.5.27
311	Association of changes of retinal vessels diameter with ocular blood flow in eyes with diabetic retinopathy	Yoshitaka Ueno, Takeshi Iwase, Kensuke Goto, Ryo Tomita, Eimei Ra, Kentaro Yamamoto and Hiroko Terasaki	Scientific Reports	11	1 1-12	2021	2	10.1038/s41598-021-84067-2	https://doi.org/10.1038/s41598-021-84067-2
312	Changes in Pulse Waveforms in Response to Intraocular Pressure Elevation Determined by Laser Speckle Flowgraphy in Healthy Subjects	Chie Iwase, Takeshi Iwase, Ryo Tomita, Tomohiko Akahori, Eimei Ra, Kentaro Yamamoto and Hiroko Terasaki	BMC Ophthalmology	21	1 1-13	2021	8	10.1186/s12886-021-02070-7	https://doi.org/10.1186/s12886-021-02070-7
313	Elevated retinal artery vascular resistance determined by novel visualized technique of laser speckle flowgraphy in branch retinal vein occlusion	Ryo Tomita, Takeshi Iwase, Marie Fukami, Kensuke Goto, Eimei Ra and Hiroko Terasaki	Scientific Reports	11	1 1-11	2021	10	10.1038/s41598-021-99572-7	https://doi.org/10.1038/s41598-021-99572-7
314	Choroidal Hemodynamics in Central Serous Chorioretinopathy after Half dose Photodynamic Therapy and the Effects of Smoking	Etsuyo Horiguchi, Jun Takeuchi, Ryo Tomita, Keiko Asai, Yuyako Nakano, Hikaru Ota, Yosuke Taki, Yasuki Ito, Hiroko Terasaki, Koji M Nishiguchi and Keiko Kataoka	Scientific Reports	preprint		2022	6	10.21203/rs.3.rs-1776430/v1	https://doi.org/10.21203/rs.3.rs-1776430/v1
315	レーザースペックルフローグラフィー	前久保知行	神経眼科	32	4 384-386	2015	12		
316	視神経乳頭・網脈絡膜循環測定の臨床応用	杉山哲也	臨床眼科	68	3 255-260	2014	3		
317	Basic Technology and Clinical Applications of the Updated Model of Laser Speckle Flowgraphy to Ocular Diseases	Tetsuya Sugiyama	Photonics	1	3 220-234	2014	8	10.3390/photonics1030220	http://dx.doi.org/10.3390/photonics1030220
318	Clinical Usefulness of the Measurement of Optic Nerve Head Blood Flow in Myopic Normal-Tension Glaucoma	Tetsuya Sugiyama, Hajime Nakamura, Emiko Shimizu, Kazuaki Miyamoto and Ryozo Yamada	International Journal of Ophthalmic Research	1	1 11-18	2015	6		http://www.ghrnet.org/index.php/IJOR/article/view/993
319	Coexisting Normal-Tension Glaucoma and Deficiencies of Folic Acid and Vitamin B6 (Pyridoxal)	Tetsuya Sugiyama	International Journal of Ophthalmology and Clinical Research	2	5	2015	9	10.23937/2378-346X/1410037	http://doi.org/10.23937/2378-346X/1410037
320	レーザースペックル法	杉山哲也	OCULISTA	32	25-32	2015	11		http://www.zenniti.com/f/b/show/b01/781/zc01/9.html
321	血流変化をとらえる	杉山哲也	眼科	58	4 415-422	2016	4		http://www.kanehara-shuppan.co.jp/magazines/detail.html?code=024532016043
322	Increased Short-Term Fluctuation in Optic Nerve Head Blood Flow in a Case of Normal-Tension Glaucoma by the Use of Laser Speckle Flowgraphy	Tetsuya Sugiyama and Hajime Nakamura	Vision	1	1	2016	9	10.3390/vision1010005	https://dx.doi.org/10.3390/vision1010005
323	Ocular Blood Flow Changes in a Case with Nonarteritic Ischemic Optic Neuropathy Complicated by Obstructive Sleep Apnea Syndrome	Tetsuya Sugiyama, Emiko Shimizu and Kazuaki Miyamoto	EC Ophthalmology	9	6 361-367	2018	6		https://www.ecronicon.com/ecop/pdf/ECOP-09-00313.pdf
324	血流検査	杉山哲也	視能学エキスパート - 視能検査学		271-273	2018	3		https://www.igaku-shoin.co.jp/bookDetail.do?book=90709
325	レーザースペックルフローグラフィ：最近の知見	杉山哲也	あたらしい眼科	35	7 935-936	2018	7		http://www.atagan.jp/number/201807.htm
326	糖尿病網膜症	鈴間 潔	OCULISTA	32	63-69	2015	11		http://www.zenniti.com/f/b/show/b01/781/zc01/9.html
327	Factors associated with optic nerve head blood flow and color tone: a retrospective observational study.	Yoshimasa Kuroda, Akihito Uji and Nagahisa Yoshimura	Graefe's Archive for Clinical and Experimental Ophthalmology	2016	1-8	2016	1	10.1007/s00417-015-3247-0	http://dx.doi.org/10.1007/s00417-015-3247-0
328	Effect of nitric oxide on rabbit optic nerve head circulation	S.Kojima, T. Sugiyama, M. Toda, H. Oku, K. Shimizu, O. Ishida, M.Nakajima and I. Azuma	Proc. 2nd Internet Ocular Blood Circulation Symposium			1995			
329	レーザースペックル眼底循環解析装置を用いた視神経乳頭循環測定の水素クリアランス法による評価	杉山哲也, 戸田恵美, 小嶌祥太, 内海 隆, 東 郁郎	日本眼科学会雑誌	100	6 443-447	1996	6		http://www.ncbi.nlm.nih.gov/pubmed/8712075
330	Measurement of optic nerve head circulation: comparison of laser speckle and hydrogen clearance methods	Tetsuya Sugiyama, Takashi Utsumi, Ikuo Azuma and Hitoshi Fujii	Japanese Journal of Ophthalmology	40	3 339-343	1996	5		http://www.ncbi.nlm.nih.gov/pubmed/8988423
331	イソプロピルウノプロストン点眼の人眼眼底末梢循環に及ぼす影響 －レーザースペックル法による検討－	小嶌祥太, 杉山哲也, 東 郁郎, 小西直樹, 藤居仁	日本眼科学会雑誌	101	7 605-610	1997	7		http://www.ncbi.nlm.nih.gov/pubmed/9256623
332	レーザースペックル法を用いた外傷性頸動脈海綿静脈洞瘻における眼底循環の検討	渡邊敏夫, 丸一みどり, 小嶌祥太, 杉山哲也, 菅澤 淳, 中島正之	臨床眼科	53	3 345-348	1999	3		
333	正常眼圧緑内障における眼底微小循環の日内変動	奥野高司, 杉山哲也, 小嶌祥太, 中島正之, 東 郁郎	あたらしい眼科	16	3 399-402	1999	3		

334	Correlation between Heidelberg Retina Flowmeter HRF and laser speckle flowgrafy LSFG	Okuno T, Sugiyama T, Ikeda T	Investigative Ophthalmology & Visual Science	42	4	S84	2001			
335	正常若年者視神経乳頭循環の昼間変動：レーザースペックル法による検討	岡村展明, 杉山 哲也, 池田恒彦	あたらしい眼科	19	11	1522-1524	2002	11		
336	緑内障と眼血流	杉山哲也, 中島正之	あたらしい眼科	20	6	777-778	2003	6		
337	Ocular blood flow changes after dynamic exercise in humans	Okuno T, Sugiyama T, Kohyama M, Kojima S, Oku H and Ikeda T.	Eye	20	7	796-800	2006	7	10.1038/sj.eye.6702004	http://dx.doi.org/10.1038/sj.eye.6702004
338	Effect of P2X7 receptor activation on the retinal blood velocity of diabetic rabbits	Tetsuya Sugiyama, Hidehiro Oku, Asako Komori and Tsunehiko Ikeda	Archives of ophthalmology	124	8	1143-1149	2006	8	10.1001/archopht.124.8.1143	http://dx.doi.org/10.1001/archopht.124.8.1143
339	Changes in optic nerve head blood flow induced by the combined therapy of latanoprost and beta blockers	Tetsuya Sugiyama, Shota Kojima, Osamu Ishida and Tsunehiko Ikeda	Acta Ophthalmologica	87	7	797-800	2009	11	10.1111/j.1755-3768.2008.01460.x	http://dx.doi.org/10.1111/j.1755-3768.2008.01460.x
340	Effect of unoprostone on topographic and blood flow changes in the ischemic optic nerve head of rabbits	Tetsuya Sugiyama, Yukihiko Mashima, Yuriko Yoshioka, Hidehiro Oku and Tsunehiko Ikeda	Archives of ophthalmology	127	4	454-459	2009	4	10.1001/archophthalmol.2008.606.	http://dx.doi.org/10.1001/archophthalmol.2008.606
341	Use of laser speckle flowgraphy in ocular blood flow research	Tetsuya Sugiyama, Makoto Araie, Charles E. Riva, Leopold Schmetterer and Selim Orgul	Acta Ophthalmologica	88	7	723–729	2010	11	10.1111/j.1755-3768.2009.01586.x	http://dx.doi.org/10.1111/j.1755-3768.2009.01586.x
342	LSFG-NAVIを用いた視神経乳頭辺縁部組織血流の領域別評価	柴田真帆, 杉山哲也, 小嶌祥太, 岡本兼児, 高橋則善, 池田恒彦	あたらしい眼科	27	9	1279-1285	2010	9		http://www.atagan.jp/article/20100927.htm
343	Effects of fasudil, a Rho-associated protein kinase inhibitor, on optic nerve head blood flow in rabbits.	Tetsuya Sugiyama, Maho Shibata, Sumiko Kajiura, Takashi Okuno, Masahiro Tonari, Hidehiro Oku and Tsunehiko Ikeda	Investigative Ophthalmology & Visual Science	52	1	64-69	2011	1	10.1167/iovs.10-5265	http://dx.doi.org/10.1167/iovs.10-5265
344	タフルプロスト点眼による原発開放隅角緑内障眼の視神経乳頭血流変化	杉山哲也 柴田真帆, 小嶌祥太, 植木麻理, 池田恒彦	臨床眼科	65	4	475-479	2011	4		
345	ラタノプロスト・β遮断持続性点眼液併用による原発解放隅角緑内障の視神経乳頭血流の変化	柴田真帆, 杉山哲也, 小嶌祥太, 岡本兼児, 高橋則善, 植木麻理, 池田恒彦	あたらしい眼科	28	7	1017-1021	2011	7		
346	Disruption of Gap Junctions May Be Involved in Impairment of Autoregulation in Optic Nerve Head Blood Flow of Diabetic Rabbits	Shibata M, Oku H, Sugiyama T, Kobayashi T, Tsujimoto M, Okuno T and Ikeda T	Investigative Ophthalmology & Visual Science	52	5	2152-2159	2011	4	10.1167/iovs.10-6605	
347	Changes in optic nerve head blood flow, visual function, and retinal histology in hypercholesterolemic rabbits	Maho Shibata, Tetsuya Sugiyama, Masaaki Hoshiga, Junko Hotchi, Takashi Okuno, Hidehiro Oku, Toshiaki Hanafusa and Tsunehiko Ikeda	Experimental Eye Research	93	6	818-824	2011	12	10.1016/j.exer.2011.09.014	http://dx.doi.org/10.1016/j.exer.2011.09.014
348	Involvement of Glial Cells in the Autoregulation of Optic Nerve Head Blood Flow in Rabbits	Maho Shibata, Tetsuya Sugiyama, Takuji Kurimoto, Hidehiro Oku, Takashi Okuno, Takatoshi Kobayashi and Tsunehiko Ikeda	Investigative Ophthalmology & Visual Science	53	7	3726-3732	2012	6	10.1167/iovs.11-9316	
349	緑内障眼・視神経乳頭血流の波形変化：LSFG-NAVIによる解析	杉山哲也, 柴田真帆, 小嶌祥太, 植木麻理, 池田恒彦	あたらしい眼科	29	7	984-987	2012	7		
350	タフルプロスト長期点眼 (1 年間)による原発開放隅角緑内障眼の視野, 視神経乳頭血流・形状の変化	小嶌祥太,杉山哲也,柴田真帆,植木麻理,河本良輔,池田恒彦	臨床眼科	68	6	895-902	2014	6		http://medicalfinder.jp/doi/abs/10.11477/mf.1410105283
351	眼動脈・内頸動脈・脳循環	喜田照代	臨床眼科	68	11	212-222	2014	10		http://medicalfinder.jp/doi/abs/10.11477/mf.1410200053
352	原発開放隅角緑内障に対するタフルプロスト3年間点眼の視神経乳頭・形状，視野に及ぼす影響	柴田真帆, 杉山哲也, 小嶌祥太, 植木麻理, 池田恒彦	臨床眼科	69	5	741–747	2015	5		http://medicalfinder.jp/doi/abs/10.11477/mf.1410211349
353	網膜静脈閉塞症	喜田照代	OCULISTA	32		75-81	2015	11		http://www.zenniti.com/f/b/show/b01/781/zc01/9.html
354	Optic Nerve Head Blood Flow Changes Induced by Ripasudil Added to Prostaglandin Analogues in Primary Open Angle Glaucoma	Ryohsuke Kohmoto, Tetsuya Sugiyama, Shota Kojima, Mari Ueki and Tsunehiko Ikeda	EC Ophthalmology	4	6	640-647	2017	1		https://www.ecronicon.com/ecop/pdf/ECOP-04-0000114.pdf
355	Vasoactivity of retinal veins: A potential involvement of endothelin-1 (ET-1) in the pathogenesis of retinal vein occlusion (RVO).	Teruyo Kida, Josef Flammer, Hidehiro Oku, Katarzyna Konieczka, Seita Morishita, Taeko Horie and Tsunehiko Ikeda	Experimental Eye Research	176		207-209	2018	7	10.1016/j.exer.2018.07.016	https://doi.org/10.1016/j.exer.2018.07.016
356	Vasoactivity of retinal veins	Teruyo Kida, Josef Flammer, Hidehiro Oku, Katarzyna Konieczka, Seita Morishita, Taeko Horie and Tsunehiko Ikeda	Data in Brief				2018	9	10.1016/j.dib.2018.09.070	https://doi.org/10.1016/j.dib.2018.09.070

357	Blood Flow in the Optic Nerve Head Changes after Disc Hemorrhage in Primary Open Angle Glaucoma	Mari Ueki, Tetsuya Sugiyama, Ryohsuke Kohmoto, Shota Kojima, Michiko Maeda, Emika Nemoto, Satoru Tokuoka and Tsunehiko Ikeda	EC Ophthalmology	10	3 230-235	2019	3		https://www.ecronicon.com/ecop/pdf/ECOP-10-00426.pdf
358	Correlation between laser speckle flowgraphy and optical coherence tomography angiography measurements in normal and glaucomatous eyes	Ryohsuke Kohmoto, Tetsuya Sugiyama, Mari Ueki, Shota Kojima, Michiko Maeda, Emika Nemoto, Satoru Tokuoka and Tsunehiko Ikeda	Clinical Ophthalmology	13	1799-1805	2019	9	10.2147/OPTH.S213031	https://doi.org/10.2147/OPTH.S213031
359	Change of intraocular blood flow during treatment for thyroid eye disease	Masashi Mimura, Yuko Nishikawa, Keiko Inagaki, Yohei Sato, Yasushi Fujita and Don O Kikkawa	Taiwan Journal of Ophthalmology	12	1 97	2022	2	10.4103/tjo.tjo_2_22	https://doi.org/10.4103/tjo.tjo_2_22
360	内頚動脈海綿静脈洞瘻における眼底循環	柳原順代，白木邦彦，森脇光康，三木徳彦	日本レーザー医学会誌	21	4 332	2000			
361	Measurement of Retinal Blood Flow Volume by Laser Speckle Flowgraphy Before and After Arteriovenous Sheathotomy for Branch Retinal Vein Occlusion	T.Maeno, R. Tano, M. Sakamoto, N. Onishi, K. Kakurai, T. Yamada, H. Fujii and T. Mano	ARVO			2008			
362	Analysis of Retinal Blood Flow by Laser Speckle Flowgraphy in a Case With Central Retinal Vein Occlusion After Radial Optic Neurotomy	R.Tano, M. Sakamoto, M. Ikeda, S. Sugita, H. Fujii, T. Mano and T.Maeno	ARVO			2008			
363	レーザースペックルによる抗血管内皮増殖因子薬投与前後の血流測定	坂本理之, 山本裕弥, 田野良太郎, 竹中久, 櫻井寿也, 真野富也	臨床眼科	65	4 461-464	2011	4		
364	Assessment of ocular blood flow in continuous-flow ventricular assist device by laser speckle flowgraphy	Junichi Shimamura, Tomohiro Nishinaka, Toshihide Mizuno, Tomonori Tsukiya, Ayako Inatomi, Futoshi Kobayashi, Nobumasa Katagiri, Yoshiaki Takewa, Takashi Nishimura and Eisuke Tatsumi	Journal of Artificial Organs		1-6	2021	4	10.1007/s10047-021-01265-5	https://doi.org/10.1007/s10047-021-01265-5
365	Correlation between optic nerve head circulation and visual function before and after anti-VEGF therapy for central retinal vein occlusion: prospective, interventional case series	Daisuke Nagasato, Yoshinori Mitamura, Kentaro Semba, Kei Akaiwa, Toshihiko Nagasawa, Yuki Yoshizumi, Hitoshi Tabuchi and Yoshiaki Kiuchi	BMC Ophthalmology	16	1	2016	4	10.1186/s12886-016-0211-7	http://dx.doi.org/10.1186/s12886-016-0211-7
366	Changes of choroidal structure and circulation after water drinking test in normal eyes	Daisuke Nagasato, Yoshinori Mitamura, Mariko Egawa, Masahiro Kameoka, Toshihiko Nagasawa, Hitoshi Tabuchi, Takamasa Kinoshita, Shozo Sonoda and Taiji Sakamoto	Graefe's Archive for Clinical and Experimental Ophthalmology	2019		2019	8	10.1007/s00417-019-04427-7	https://doi.org/10.1007/s00417-019-04427-7
367	Changes in Choroidal Component Ratio and Circulation After Coffee Intake in Healthy Subjects	Daisuke Nagasato, Yoshinori Mitamura, Mariko Egawa, Fumiko Murao, Toshihiko Nagasawa, Natsumi Komori, Shozo Sonoda, Taiji Sakamoto and Hitoshi Tabuchi	Investigative Ophthalmology & Visual Science	62	3 27-27	2021	3	10.1167/iovs.62.3.27	https://doi.org/10.1167/iovs.62.3.27
368	Ocular blood flow before, during, and after vitrectomy determined by laser speckle flowgraphy.	Okamoto M, Matsuura T and Ogata N	Ophthalmic surgery, lasers & imaging retina	45	2 118-124	2014		10.3928/23258160-20140306-04	http://dx.doi.org/10.3928/23258160-20140306-04
369	0.1%ブリモニジン酒石酸塩点眼液による原発開放隅角緑内障眼の視神経乳頭血流変化	治村寛信, 岡本全弘, 松浦豊明, 緒方奈保子	臨床眼科	69	5 683-686	2015	5		http://medicalfinder.jp/doi/abs/10.11477/mf.1410211333
370	EFFECTS OF PANRETINAL PHOTOCOAGULATION ON CHOROIDAL THICKNESS AND CHOROIDAL BLOOD FLOW IN PATIENTS WITH SEVERE NONPROLIFERATIVE DIABETIC RETINOPATHY.	Okamoto, Masahiro, Toyoaki Matsuura and Nahoko Ogata	RETINA	36	4 805-811	2016	4	10.1097/IAE.0000000000000800	http://dx.doi.org/10.1097/IAE.0000000000000800
371	Effects of intravitreal injection of ranibizumab on choroidal structure and blood flow in eyes with diabetic macular edema	Masahiro Okamoto, Mariko Yamashita and Nahoko Ogata	Graefe's Archive for Clinical and Experimental Ophthalmology	2018	1-8	2018	3	10.1007/s00417-018-3939-3	https://doi.org/10.1007/s00417-018-3939-3
372	レーザースペックル血流画像化法による術中眼底血流測定の検討	林浩伸・他	臨床麻酔	34	7 1119-24	2010	7		http://www.sshinko.com/magazine/?p=528
373	Ocular Blood Flow Measured Using Laser Speckle Flowgraphy During Aortic Arch Surgery With Antegrade Selective Cerebral Perfusion.	Hironobu Hayashi, Masahiro Okamoto, Hideaki Kawanishi, Toyoaki Matsuura, Nobuoki Tabayashi, Shigeki Taniguchi and Masahiko Kawaguchi	Journal of Cardiothoracic and Vascular Anesthesia			2016		10.1053/j.jvca.2016.01.021	http://dx.doi.org/10.1053/j.jvca.2016.01.021
374	Association between optic nerve head blood flow measured by laser speckle flowgraphy and radial arterial pressure during aortic arch surgery	Hironobu Hayashi, Masahiro Okamoto, Hideaki Kawanishi, Nobuoki Tabayashi, Toyoaki Matsuura, Shigeki Taniguchi and Masahiko Kawaguchi	Journal of Cardiothoracic and Vascular Anesthesia			2017		10.1053/j.jvca.2017.08.001	https://doi.org/10.1053/j.jvca.2017.08.001

375	胸部大動脈手術でのレーザースペックルフローグラフィによる眼底血流と局所脳酸素飽和度の変化の検討	川西秀明，林浩伸，岡本全弘，川口昌彦	Cardiovascular Anesthesia	21	1 109-115	2017	9 10.11478/jscva.2016-2-004	http://doi.org/10.11478/jscva.2016-2-004
376	Application of laser speckle flowgraphy to evaluate cerebral perfusion after carotid endarterectomy	Ayako Oi, Hironobu Hayashi, Yasushi Motoyama, Hideaki Kawanishi, Ichiro Nakagawa, Hiroyuki Nakase and Masahiko Kawaguchi	Heliyon	9	3 e14400	2023	3 10.1016/j.heliyon.2023.e14400	https://doi.org/10.1016/j.heliyon.2023.e14400
377	Ocular blood flow by laser speckle flowgraphy to detect cerebral ischemia during carotid endarterectomy	Yasushi Motoyama, Hironobu Hayashi, Hideaki Kawanishi, Kohsuke Tsubaki, Tsunenori Takatani, Yoshiaki Takamura, Masashi Kotsugi, Taekyun Kim, Shuichi Yamada, Ichiro Nakagawa, Young-Su Park, Masahiko Kawaguchi and Hiroyuki Nakase	Journal of Clinical Monitoring and Computing			2020	2 10.1007/s10877-020-00475-1	https://doi.org/10.1007/s10877-020-00475-1
378	正常眼圧緑内障における視神経乳頭血流と網膜構造および視野障害との関連性	山下力, 家木良彰, 三木淳司, 後藤克聡, 今井俊裕, 荒木俊介, 春石和子, 桐生純一, 田淵昭雄, 八百枝潔	あたらしい眼科	31	9 1387-1391	2014	9	
379	Effects of Exercise on the Structure and Circulation of Choroid in Normal Eyes	Takamasa Kinoshita , Junya Mori, Natsuki Okuda, Hiroko Imaizumi, Masanori Iwasaki, Miho Shimizu, Hirotomo Miyamoto, Kei Akaiwa, Kentaro Semba, Shozo Sonoda, Taiji Sakamoto and Yoshinori Mitamura	PLOS ONE	11	12 e0168336	2016	12 10.1371/journal.pone.0168336	http://dx.doi.org/10.1371/journal.pone.0168336
380	ラタノプロスト点眼とイソプロピルウノプロストン点眼による正常人視神経乳頭循環への影響	廣石悟朗, 廣石雄二郎, 藤居仁, 石橋達郎	眼科臨床医報	100	5 303-306	2006		
381	LSFG Findings of Proliferative Diabetic Retinopathy After Intravitreal Injection of Bevacizumab	Hiroshi Enaida, Kenji Okamoto, Hitoshi Fujii and Tatsuro Ishibashi	Ophthalmic Surgery, Lasers and Imaging	41	e1-e3	2009	10.3928/15428877-20101124-11	http://dx.doi.org/10.3928/15428877-20101124-11
382	Therapeutic efficacy of topical unoprostone isopropyl in retinitis pigmentosa	Masato Akiyama, Yasuhiro Ikeda, Noriko Yoshida, Shoji Notomi, Yusuke Murakami, Toshio Hisatomi, Hiroshi Enaida and Tatsuro Ishibashi	Acta Ophthalmologica	92	3 e229–e234	2014	5 10.1111/aos.12293	http://dx.doi.org/10.1111/aos.12293
383	Correlation between macular blood flow and central visual sensitivity in retinitis pigmentosa.	Yusuke Murakami, Yasuhiro Ikeda, Masato Akiyama, Kota Fujiwara, Noriko Yoshida, Shunji Nakatake, Shoji Notomi, Takahiro Nabeshima, Toshio Hisatomi, Hiroshi Enaida and Tatsuro Ishibashi	Acta Ophthalmologica			2015	2 10.1111/aos.12693	http://dx.doi.org/10.1111/aos.12693
384	Relations Among Foveal Blood Flow, Retinal-Choroidal Structure, and Visual Function in Retinitis Pigmentosa	Yusuke Murakami, Jun Funatsu, Shunji Nakatake, Kohta Fujiwara, Takashi Tachibana, Yoshito Koyanagi, Toshio Hisatomi, Shigeo Yoshida, Shozo Sonoda, Taiji Sakamoto, Koh-Hei Sonoda and Yasuhiro Ikeda	Investigative Ophthalmology & Visual Science	59	2 1134-114	2018	3 10.1167/iovs.17-23050	https://doi.org/10.1167/iovs.17-23050
385	Effects of dynamic exercise and its intensity on ocular blood flow in humans	Hayashi Naoyuki, Tsukasa Ikemura and Nami Someya	European journal of applied physiology	111	10 2601-2606	2011	10.1007/s00421-011-1880-9	http://dx.doi.org/10.1007/s00421-011-1880-9
386	Autoregulation in the ocular and cerebral arteries during the cold pressor test and handgrip exercise	Ikemura Tsukasa, Nami Someya and Naoyuki Hayashi	European journal of applied physiology	112	2 641-646	2012	10.1007/s00421-011-2016-y	http://dx.doi.org/10.1007/s00421-011-2016-y
387	Changes in ocular flow induced by hypo- and hypercapnia relate to static visual acuity in humans	Naoyuki Hayashi, Tsukasa Ikemura and Nami Someya	Eye Reports	1	1 e8	2011	10.4081/eye.2011.e8	http://dx.doi.org/10.4081/eye.2011.e8
388	Ocular circulatory responses to exhaustive exercise in humans	Tsukasa Ikemura and Naoyuki Hayashi	European journal of applied physiology	112	9 3313-3318	2012	10.1007/s00421-012-2313-0	http://dx.doi.org/10.1007/s00421-012-2313-0
389	網膜静脈閉塞症の治療用デバイス開発を目指した血栓モデルの開発	三輪 佳子, 松村 大輔, 住本 芽衣, 川原 知洋, 森泉 康裕, 王 英泰, 山西 陽子	日本血栓止血学会誌	30	3 544-553	2019	6 10.2491/jjsth.30.544	https://doi.org/10.2491/jjsth.30.544
390	Establishment of Treatment of Retinal Vein Occlusion by Physical Stimuli of Electrically-Induced Bubbles	Mei Sumimoto, Daisuke Matsumura, Keita Ichikawa, Keiko Miwa, Hideyasu Oh, Yasuhiro Moriizumi and Yoko Yamanishi	In: 2019 20th International Conference on Solid-State Sensors, Actuators and Microsystems & Eurosensors XXXIII (TRANSDUCERS & EUROSENSORS XXXIII). IEEE		809-812	2019	8 10.1109/TRANSDUCERS.2019.8808464	
391	レーザースペックル法で結膜血流の経過を観察した頸動脈海綿静脈洞瘻の 1 例	小坂美樹, 永谷建, 高橋広, 秋谷忍	臨床眼科	52	4 469-472	1998		

392	正常眼視神経乳頭循環への加齢の影響－レーザースペックル法による検討	永谷建, 高橋広, 秋谷 忍, 藤居 仁	あたらしい眼科	15	10	1465-1469	1998			
393	Optic nerve head microcirculation using laser speckle flowgraphy in patients with normal tension glaucoma	K.Nagaya, H. Takahashi and H. Fujii	ARVO				1999			
394	Heidelberg Retina Flowmeter and Laser Speckle Flowgraphy System: a comparative evaluation	Y.Yamana, M. Matsuo, N. Konishi and H. Fujii	Microcirculation Annual	13		195-196	1997			
395	Peripapillary tissue, retinal vessels and optic nerve head blood flow rates using laser speckle flowgraphy	Y.Yamana, M. Matsuo, N. Konishi and H. Fujii	20th European Conference on Microcirculation			219-223	1998			
396	Retinal Vessels and Peripapillary Tissue Blood Flow in Diabetes Using Laser Speckle Flowgraphy System: a comparative evaluation	Y.Yamana, M. Matsuo, K. Goya, N. Konishi and H. Fujii	Microcirculation Annual	15		117-118	1999			
397	Effect Acute Hyperglycemia on Chorio-Retinal Blood Flow in IGT and Diabetes Mellitus	Y.Yamana, M. Matsuo, Y. Koketu, K. Goya, M. Wakisaka, M. Iwase, M.Yoshinari, N. Konishi and H. Fujii	Microcirculation Annual	18		85-86	2002			
398	Dysregulation of the Postprandial Retinal Blood Flow in Type 2 Diabetes	Y.Yamana, M. Matsuo, Y. Koketsu, K. Goya, M. Yoshinari, N. Konishi and H.Fujii	European Society for Microcirculation	18		95-98	2002			
399	炭酸脱水酵素阻害点眼薬による視神経乳頭循環への影響	廣石悟朗, 廣石雄二郎, 長谷川裕平	臨床眼科	62	5	733-737	2008	5		http://ej.islib.jp/ejournal/1410102242.html
400	トラボプロストとタフルプロストによる視神経乳頭循環への影響	廣石悟朗, 廣石雄二郎, 藤居仁	臨床眼科	65	4	471-474	2011	4		
401	新しいレーザースペックルフローグラフィー（LSFG-NAVI）による網脈絡膜の血流測定	江内田寛	あたらしい眼科	25	6	827-829	2008			
402	Laser Speckle Flowgraphyを用いた網脈絡膜血流測定によるCEAの眼虚血改善効果の検討	芳賀整, 江内田寛, 赤木洋二郎, 宇賀愛, 庄野禎久, 濱田康宏, 詠田眞治	脳卒中の外科	39	2	103-108	2011			
403	プロスタグランジン/β遮断薬配合点眼液による単回点眼の視神経乳頭血流に及ぼす影響	芳賀聡, 篠原和哉, 山名智志, 清水瑞己, 海津美穂, 能美典正, 武田憲治, 藤澤公彦	あたらしい眼科	36	8	1074-1077	2019	8		
404	Changes in choroidal circulation hemodynamics during the menstrual cycle in young, healthy women	Mayumi Haneda, Yuki Hashimoto, Airi Mishima, Daichi Saito and Takeshi Yoshitomi	PLOS ONE	17	6	e0270501	2022	6	10.1371/journal.pone.0270501	https://doi.org/10.1371/journal.pone.0270501
405	Changes in Choroidal Circulation Hemodynamics Measured Using Laser Speckle Flowgraphy after a Cold Pressor Test in Young Healthy Participants	Sakurako Imabayashi, Yuki Hashimoto, Yumi Ishimaru, Rino Umemoto, Miho Chiyozono, Toshitaka Yamanokuchi and Takeshi Yoshitomi	Tomography	9	2	790-797	2023	4	10.3390/tomography9020064	https://doi.org/10.3390/tomography9020064
406	Decrease in Ocular Blood Flow Thirty Minutes After Intravitreal Injections of Brolucizumab and Aflibercept for Neovascular Age-Related Macular Degeneration	Nobuhiro Kato, Masatoshi Haruta, Kei Furushima, Rikki Arai, Yu Matsuo and Shigeo Yoshida	Clinical Ophthalmology	2023	17	1187-1192	2023	4	10.2147/OPTH.S407249	https://doi.org/10.2147/OPTH.S407249
407	Changes in chorioretinal blood flow velocity and cerebral blood flow after carotid endarterectomy	Hiroshi Enaida, Shinji Nagata, Atsunobu Takeda, Shintaro Nakao, Yasuhiro Ikeda and Tatsuro Ishibashi	Japanese Journal of Ophthalmology			1-7	2016	8	10.1007/s10384-016-0472-y	http://dx.doi.org/10.1007/s10384-016-0472-y
408	Diagnosis and clinical course of ocular ischemic syndrome with retinal vascular abnormalities due to unilateral ocular artery and internal carotid artery stenosis in a child with neurofibromatosis type 1: a case report	Hiroaki Sakai, Kosuke Kawata, Jun Masuoka, Tomohisa Nishimura and Hiroshi Enaida	BMC Ophthalmology	20	1	426	2020	10	10.1186/s12886-020-01670-z	https://doi.org/10.1186/s12886-020-01670-z
409	レーザースペックルフローグラフィーの最新の知見について教えてください	山田義久, 鈴間潔	あたらしい眼科	27		106-108	2010			
410	Retinal blood flow levels measured by Laser Speckle Flowgraphy in patients who received intravitreal bevacizumab injection for macular edema secondary to central retinal vein occlusion.	Matsumoto Makiko, Suzuma Kiyoshi, Fukazawa Yoshiko, Yamada Yoshihisa, Tsuiki Eiko, Fujikawa Azusa and Kitaoka Takashi	Retinal Cases and Brief Reports	8	1	60-66	2014		10.1097/ICB.0000000000000005	http://journals.lww.com/retinalcases/Abstract/2014/00810/RETINAL_BLOOD_FLOW_LEVELS_MEASURED_BY_LASER.17.aspx
411	網膜血管障害の新しい理解	鈴間 潔	日本眼科学会雑誌	119	3	216-227	2015	3		http://journal.nichigan.or.jp/PastContent?year=2015&vol=119&number=3&mag=0
412	Retinal Blood Flow Correlates to Aqueous Vascular Endothelial Growth Factor in Central Retinal Vein Occlusion.	Y.Yamada, K.Suzuma, M.Matsumoto, E.Tsuiki, A.Fujikawa, T.Harada and T.Kitaoka	RETINA	35	10	2037–2042	2015	10	10.1097/IAE.0000000000000595	http://dx.doi.org/10.1097/IAE.0000000000000595
413	網膜中心静脈閉塞症におけるカリジノゲナーゼ内服の網膜血流に与える影響	秋山郁人, 松本牧子, 鈴間潔, 築城英子, 藤川亜月茶, 北岡隆	臨床眼科	70	6	873-878	2016	6		http://www.igaku-shoin.co.jp/journalDetail.do?journal=36716
414	Retinal blood flow after intravitreal bevacizumab is a predictive factor for outcomes of macular edema associated with central retinal vein occlusion.	Makiko Matsumoto, Kiyoshi Suzuma, Yoshihisa Yamada, Eiko Tsuiki, Azusa Fujikawa and Takashi Kitaoka	RETINA				2017	2	10.1097/IAE.0000000000001531	http://dx.doi.org/10.1097/IAE.0000000000001531
415	Retinal Microvascular Resistance Estimated from Waveform Analysis Is Significantly Higher With a Threshold Value in Central Retinal Vein Occlusion	Makiko Matsumoto, Kiyoshi Suzuma, Fumito Akiyama, Kanako Yamada, Shiori Harada, Eiko Tsuiki and Takashi Kitaoka	Translational Vision Science and Technology	9	11	4	2020	10	10.1167/tvst.9.11.4	https://doi.org/10.1167/tvst.9.11.4

416	Retinal Vascular Resistance Significantly Correlates With Visual Acuity After 1 Year of Anti-VEGF Therapy in Central Retinal Vein Occlusion	Makiko Matsumoto, Kiyoshi Suzuma, Fumito Akiyama, Kanako Yamada, Shiori Harada, Eiko Tsuiki and Takashi Kitaoka	Translational Vision Science and Technology	10	11 19	2021	9	10.1167/tvst.10.11.19	https://doi.org/10.1167/tvst.10.11.19
417	Laser speckle flowgraphy for differentiating between nonarteritic ischemic optic neuropathy and anterior optic neuritis	Maekubo, Tomoyuki, Hideki Chuman and Nobuhisa Nao-i	Japanese journal of ophthalmology	57	4 385-390	2013		10.1007/s10384-013-0246-8	http://dx.doi.org/10.1007/s10384-013-0246-8
418	非動脈炎性虚血性視神経症の動物モデルを用いた治療の試み	中馬秀樹	日本眼科学会雑誌	118	4 331-361	2014	4		
419	虚血性視神経症の診断・治療に対する最近の考え方	中馬秀樹	神経眼科	34	3 281	2017	10	10.11476/shinkeiganka.34.281	http://doi.org/10.11476/shinkeiganka.34.281
420	Evaluation of optic nerve head blood flow in normal rats and a rodent model of non-arteritic ischemic optic neuropathy using laser speckle flowgraphy	Takako Hidaka, Hideki Chuman and Nobuhisa Nao-I	Graefe's Archive for Clinical and Experimental Ophthalmology	255	10 1973-1980	2017	8	10.1007/s00417-017-3753-3	http://dx.doi.org/10.1007/s00417-017-3753-3
421	Vasodilatory effect of L-arginine on isolated rabbit and human posterior ciliary arteries in vitro and increased optic disc blood flow in vivo.	Hideki Chuman, Takako Sugimoto and Nobuhisa Nao-I	Graefe's Archive for Clinical and Experimental Ophthalmology	2017	1-8	2017	10	10.1007/s00417-017-3824-5	http://dx.doi.org/10.1007/s00417-017-3824-5
422	網膜剥離におけるレーザースペックル法による眼底血流画像化法	鳥井秀雄, 中村隆平, 藤居仁, 横倉隆	眼科臨床医報	86	8 131-136	1992			
423	Laser Flowgraphy による眼底血流画像化	鳥井秀雄, 中村隆平, 藤居仁, 横倉隆	あたらしい眼科	9	12 2119-2122	1992			
424	Systemic Blood Pressure Determines the Magnitude of IOP-Induced Blood Flow Change in the Optic Nerve Head of Non-Human Primate	Y.Liang, L.Wang, G.Cull, H.Fujii and J.C.Downs	ARVO			2008			
425	Impact of Systemic Blood Pressure on the Relationship between Intraocular Pressure and Blood Flow in the Optic Nerve Head of Nonhuman Primates	Yi Liang, J. Crawford Downs, Brad Fortune, Grant Cull, George A. Cioffi and Lin Wang	Investigative Ophthalmology & Visual Science	50	5 2154-2160	2009	5	10.1167/iovs.08-2882	http://dx.doi.org/10.1167/iovs.08-2882
426	Quantification of dynamic blood flow autoregulation in Optic nerve head of rhesus monkeys	Yi Liang, Brad Fortune, Grant Cull, George A. Cioffi and Lin Wang	Experimental Eye Research	90	2 203-209	2010	2	10.1016/j.exer.2009.10.009	http://dx.doi.org/10.1016/j.exer.2009.10.009
427	Anterior and posterior optic nerve head blood flow in nonhuman primate experimental glaucoma model measured by laser speckle imaging technique and microsphere method	Lin Wang, Grant A. Cull, Chelsea Piper, Claude F. Burgoyne and Brad Fortune	Investigative Ophthalmology & Visual Science	53	13 8303-8309	2012	12	10.1167/iovs.12-10911	http://dx.doi.org/10.1167/iovs.12-10911
428	Basal Blood Flow and Autoregulation Changes in the Optic Nerve of Rhesus Monkeys with Idiopathic Bilateral Optic Atrophy	Chelsea Piper, Brad Fortune, Grant Cull, George A. Cioffi and Lin Wang	Investigative Ophthalmology & Visual Science	54	1 714-721	2013	1	10.1167/iovs.12-9773	http://dx.doi.org/10.1167/iovs.12-9773
429	Longitudinal Hemodynamic Changes within the Optic Nerve Head in Experimental Glaucoma	Grant Cull, Claude F. Burgoyne, Brad Fortune and Lin Wang	Investigative Ophthalmology & Visual Science	54	6 4271-4277	2013	6	10.1167/iovs.13-12013	http://dx.doi.org/10.1167/iovs.13-12013
430	Static Blood flow Autoregulation in the Optic Nerve Head in Normal and Experimental Glaucoma	Lin Wang, Claude F. Burgoyne, Grant Cull, Simmon Thompson and Brad Fortune	Investigative Ophthalmology & Visual Science			2014	1	10.1167/iovs.13-13716	http://dx.doi.org/10.1167/iovs.13-13716
431	Parametric transfer function analysis and modeling of blood flow autoregulation in the optic nerve head	Jintao Yu, Yi Liang, Simon Thompson, Grant Cull and Lin Wang	International journal of physiology, pathophysiology and pharmacology	6	1 13–22	2014	3		http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3961098/
432	Longitudinal Alterations in the Dynamic Autoregulation of Optic Nerve Head Blood Flow Revealed in Experimental Glaucoma	Lin Wang, Grant Cull, Claude F. Burgoyne, Simon Thompson and Brad Fortune	Investigative Ophthalmology & Visual Science			2014	5	10.1167/iovs.14-14020	http://dx.doi.org/10.1167/iovs.14-14020
433	Optic Nerve Head Blood Flow Response to Reduced Ocular Perfusion Pressure by Alteration of Either the Blood Pressure or Intraocular Pressure	Lin Wang, Grant A. Cull and Brad Fortune	Current Eye Research			2014	6	10.3109/02713683.2014.924146	http://dx.doi.org/10.3109/02713683.2014.924146
434	Compromised Optic Nerve Blood Flow and Autoregulation Secondary to Neural DegenerationHemodynamics Secondary to Optic Nerve Degeneration.	Grant Cull, Reinhard Told, Claude F. Burgoyne, Simon Thompson, Brad Fortune and Lin Wang	Investigative Ophthalmology & Visual Science	56	12 7286-7292	2015	11	10.1167/iovs.15-17879	http://dx.doi.org/10.1167/iovs.15-17879
435	Increased Optic Nerve Head Capillary Blood Flow in Early Primary Open-Angle Glaucoma	Stuart K. Gardiner, Grant Cull, Brad Fortune and Lin Wang	Investigative Ophthalmology & Visual Science	60	8 3110-3118	2019	7	10.1167/iovs.19-27389	https://doi.org/10.1167/iovs.19-27389
436	The relation between blood flow within the remaining peripapillary vasculature and functional progression in glaucoma	Stuart Keith Gardiner, Grant Cull, Juan Reynaud, Steven L Mansberger, Brad Fortune and Lin Wang	Investigative Ophthalmology & Visual Science	61	7 620	2020	6		https://iovs.arvojournals.org/article.aspx?articleid=2769201

437	Pharmacodynamic response of optic nerve head (ONH) tissue blood flow measured by laser speckle flowgraphy (LSFG) after administration of PER-001, an endothelin receptor antagonist	Grant Cull, Crystal Jadach, Juan Reynaud, Kristine Ly, Michaela Dunn, Dawn Jennings, Trinity Holthausen, Howard Lockwood, Stuart Keith Gardiner, Lin Wang, Jennifer Wilk and Brad Fortune	Investigative Ophthalmology & Visual Science	63	7 4029-A0414	2022	6		https://iovs.arvojournals.org/article.aspx?articleid=2782857
438	The NLRP3 Inflammasome May Contribute to Pathologic Neovascularization in the Advanced Stages of Diabetic Retinopathy	Shyam S. Chaurasia, Rayne R. Lim, Bhav H. Parikh, Yeo Sia Wey, Bo Bo Tun, Tien Yin Wong, Chi D. Luu, Rupesh Agrawal, Arkasubhra Ghosh, Alessandra Mortellaro, Elizabeth Rackoczy, Rajiv R. Mohan and Veluchamy A. Barathi	Scientific Reports	8	1 2847	2018	1	10.1038/s41598-018-21198-z	https://doi.org/10.1038/s41598-018-21198-z
439	Blood Flow in the Optic Nerve and Peripapillary Choroid Correlate Over Time in NAION	Sophia M Chung, Zaidoon Al-Share, Matthew J. Thurtell, Ryuya Hashimoto and Randy Kardon	Investigative Ophthalmology & Visual Science	61	7 804	2020	6		https://iovs.arvojournals.org/article.aspx?articleid=2766741
440	Autoregulation of Blood Flow in the Human Retina, Optic Nerve, and Choroid in Response to Acute Decrease in Intraocular Pressure Using Novel Vacuum Goggles	Ryuya Hashimoto, Zaidoon Al-Share, Nitsan Duvdevan-Strier, Jan M Full, Julie Nellis and Randy Kardon	Investigative Ophthalmology & Visual Science	61	7 1735	2020	6		https://iovs.arvojournals.org/article.aspx?articleid=2767188
441	Reduced Blood Flow in the Choroidal Watershed and Parapapillary Hypoperfusion Zones and Relation to Optic Disc Blood Flow	Zaidoon Y Alshare, Ryuya Hashimoto and Randy Kardon	Investigative Ophthalmology & Visual Science	61	7 1744	2020	6		https://iovs.arvojournals.org/article.aspx?articleid=2767192
442	Longitudinal Testing of Retinal Blood Flow in a Mouse Model of Hypertension by Laser Speckle Flowgraphy	Michelle R. Tamplin, Kimberly A. Broadhurst, Anthony H. Vitale, Ryuya Hashimoto, Randy H. Kardon and Isabella M. Grumbach	Translational Vision Science and Technology	10	2 16-16	2021	2	10.1167/tvst.10.2.16	https://doi.org/10.1167/tvst.10.2.16
443	A superpixel-histogram method to analyze retinal, optic nerve, and choroidal blood flow using laser speckle flowgraphy	Jui-Kai Wang, Michelle R. Tamplin, Mona K. Garvin, Isabella M. Grumbach and Randy H. Kardon	Medical Imaging 2022: Biomedical Applications in Molecular, Structural, and Functional Imaging	1E+06		2022	4	10.1117/12.2611850	https://doi.org/10.1117/12.2611850
444	Aortic stiffness is associated with changes in retinal arteriole flow pulsatility mediated by local vasodilation in healthy young/middle-age adults	Seth W. Holwerda, Randy H. Kardon, Ryuya Hashimoto, Jan M. Full, Julie K. Nellis, Lyndsey E. DuBose, Jess G. Fiedorowicz, and Gary L. Pierce	Journal of Applied Physiology			2020	5	10.1152/japplphysiol.00252.2020	https://doi.org/10.1152/japplphysiol.00252.2020
445	Measuring hyperemic response to light flicker stimulus using continuous laser speckle flowgraphy in mice	Michelle R.Tamplin, Kimberly A.Broadhurst, Anthony H.Vitale, Ryuya Hashimoto, Randy H.Kardon and Isabella M.Grumbach	Experimental Eye Research	216	108952	2022	1	10.1016/j.exer.2022.108952	https://doi.org/10.1016/j.exer.2022.108952
446	Reduced blood flow by laser speckle flowgraphy after 125I-plaque brachytherapy for uveal melanoma	Michelle R. Tamplin, Jui-Kai Wang, Anthony H. Vitale, Ryuya Hashimoto, Mona K. Garvin, Elaine M. Binkley, Daniel E. Hyer, John M. Buatti, H. Culver Boldt, Randy H. Kardon and Isabella M. Grumbach	BMC ophthalmology	22	285	2022	6	10.1186/s12886-022-02505-9	https://doi.org/10.1186/s12886-022-02505-9
447	Abstract Number - 255: Laser Speckle Flowgraphy As A Surrogate Marker For Symptomatic Carotid Stenosis	Matthew T Jones, Sebastian Sanchez, Rishi R Patel, Jacob M Miller, Ashrita Raghuram, Randy Kardon and Edgar Samaniego	Stroke: Vascular and Interventional Neurology	3 S1	e12677	2023	3		https://www.ahajournals.org/doi/full/10.1161/SVIN.03.suppl_1.255
448	Evaluation of ocular blood flow in the assessment of symptomatic carotid stenosis	Matthew T Jones, Sebastian Sanchez, Rishi R Patel, Ashrita Raghuram, Jacob M Miller, Ryuya Hashimoto, Randy Kardon and Edgar A Samaniego	Interventional Neuroradiology			2023	4	10.1177/15910199231169844	https://doi.org/10.1177/15910199231169844
449	Relative Retinal Blood Flow: A Novel and Informative Measure of Unilateral Retinal Vein Occlusion Severity	Rachelle Koch, Brendan Seto, Keiko Yamada, Purva Atreay, Colin A. Lemire, Nina Hazra and Jorge G. Arroyo	Translational Vision Science and Technology	10	3 15-15	2021	3	10.1167/tvst.10.3.15	https://doi.org/10.1167/tvst.10.3.15
450	Relative Retinal Blood Flow in Patients with Central Retinal Artery Occlusions	Shashvat Chandrakant Purohit, Colin A Lemire, Brendan Seto, Keiko Yamada and Jorge G Arroyo	Investigative Ophthalmology & Visual Science	62	8 3197	2021	6		https://iovs.arvojournals.org/article.aspx?articleid=2774090

451	The assessment of ocular blood flow with laser speckle flowgraphy in healthy caucasian	P.A. Wozniak, N. Luft, G. Aschinger, K. Fondi, A.M. Bata, K.J. Witkowska, D. Schmidl, R.M. Werkmeister, M. Bolz, G. Garhöfer and L. Schmetterer	Acta Ophthalmologica	94		2016	9	10.1111/j.1755-3768.2016.0391	http://dx.doi.org/10.1111/j.1755-3768.2016.0391
452	Measurements of Retinal Perfusion Using Laser Speckle Flowgraphy and Doppler Optical Coherence Tomography	Nikolaus Luft, Piotr A. Wozniak, Gerold C. Aschinger, Klemens Fondi, Ahmed M. Bata, René M. Werkmeister, Doreen Schmidl, Katarzyna J. Witkowska, Matthias Bolz, Gerhard Garhöfer and Leopold Schmetterer	Investigative Ophthalmology & Visual Science	57	13 5417-5425	2016	10	10.1167/iovs.16-19896	http://dx.doi.org/10.1167/iovs.16-19896
453	Ocular Blood Flow Measurements in Healthy White Subjects Using Laser Speckle Flowgraphy	Nikolaus Luft, Piotr A. Wozniak, Gerold C. Aschinger, Klemens Fondi, Ahmed M. Bata, René M. Werkmeister, Doreen Schmidl, Katarzyna J. Witkowska, Matthias Bolz, Gerhard Garhöfer and Leopold Schmetterer	PLOS ONE	11	12 e0168190	2016	12	10.1371/journal.pone.0168190	http://dx.doi.org/10.1371/journal.pone.0168190
454	Assessment of retinal blood flow using Laser Speckle Flowgraphy	D.Schmidl, K.Witkowska, N.Luft, M.Bolz, K.Fondi, A.Bata, P.Wozniak, R.Werkmeister, G.Garhofer and L.Schmetterer	Acta Ophthalmologica	95		2017	9	10.1111/j.1755-3768.2017.01145	http://dx.doi.org/10.1111/j.1755-3768.2017.01145
455	Optic nerve head and retinal blood flow regulation during isometric exercise as assessed with laser speckle flowgraphy	Katarzyna J. Witkowska, Ahmed M. Bata, Giacomo Calzetti, Nikolaus Luft, Klemens Fondi, Piotr A. Wozniak, Doreen Schmidl, Matthias Bolz, Alina Popa-Cherecheanu, René M. Werkmeister, Gerhard Garhöfer and Leopold Schmetterer	PLOS ONE	12	9 e0184772	2017	9	10.1371/journal.pone.0184772	https://doi.org/10.1371/journal.pone.0184772
456	Assessment of choroidal blood flow using laser speckle flowgraphy	Giacomo Calzetti, Klemens Fondi, Ahmed M Bata, Nikolaus Luft, Piotr A Wozniak, Katarzyna J Witkowska, Matthias Bolz, Alina Popa-Cherecheanu, René M Werkmeister, Doreen Schmidl, Gerhard Garhöfer and Leopold Schmetterer	British Journal of Ophthalmology			2018	3	10.1136/bjophthalmol-2017-311750	https://doi.org/10.1136/bjophthalmol-2017-311750
457	Evaluation of flicker induced hyperemia in the retina and optic nerve head measured by Laser Speckle Flowgraphy.	Fondi K, Bata AM, Luft N, Witkowska KJ, Werkmeister RM, Schmidl D, Bolz M, Schmetterer L and Garhöfer G	PLOS ONE	13	11 e0207525	2018	11	10.1371/journal.pone.0207525	https://dx.doi.org/10.1371/journal.pone.0207525
458	Retinal blood flow and oxygen saturation in patients previously infected with COVID-19	Theresa Lindner, Nikolaus Hommer, Martin Kallab, Andreas Schlatter, Clemens Nadvornik, Patrick Janku, Victoria Kauer, Benedikt Rumpf, Helmuth Haslacher, Gerhard Garhöfer and Doreen Schmidl	Acta Ophthalmologica			2022	12	10.1111/j.1755-3768.2022.0088	https://doi.org/10.1111/j.1755-3768.2022.0088
459	Laser speckle flowgraphy derived characteristics of optic nerve head perfusion in normal tension glaucoma and healthy individuals: a Pilot study	Anna Sophie Mursch-Edlmayr, Nikolaus Luft, Dominika Podkowinski, Michael Ring, Leopold Schmetterer and Matthias Bolz	Scientific Reports	8	1 5343	2018	3	10.1038/s41598-018-23149-0	https://doi.org/10.1038/s41598-018-23149-0
460	Short-term effect on the ocular circulation inducedby unilateral intravitreal injection of aflibercept inage-related maculopathy	Anna Sophie Mursch-Edlmayr, Nikolaus Luft, Dominika Podkowinski, Michael Ring, Leopold Schmetterer and Matthias Bolz	Acta Ophthalmologica			2019	3	10.1111/aos.14098	https://dx.doi.org/10.1111/aos.14098
461	Differences in Optic Nerve Head Blood Flow Regulation in Normal Tension Glaucoma Patients and Healthy Controls as Assessed with Laser Speckle Flowgraphy During the Water Drinking Test	Anna Sophie Mursch-Edlmayr, Nikolaus Luft, Dominika Podkowinski, Michael Ring, Leopold Schmetterer and Matthias Bolz	Journal of Glaucoma			2019	4	10.1097/IJG.0000000000001258	https://dx.doi.org/10.1097/IJG.0000000000001258
462	Effects of three intravitreal injections of aflibercept on the ocular circulation in eyes with age-related maculopathy	Anna Sophie Mursch-Edlmayr, Nikolaus Luft, Dominika Podkowinski, Michael Ring, Leopold Schmetterer and Matthias Bolz	British Journal of Ophthalmology			2019	4	10.1136/bjophthalmol-2019-313919	https://dx.doi.org/10.1136/bjophthalmol-2019-313919
463	Comparison of neurovascular coupling between normal tension glaucoma patients and healthy individuals with Laser Speckle Flowgraphy.	A.S. Mursch-Edlmayr, L. Pickl, G. Calzetti, K. Waser, J. Wendelstein, S. Beka, V. Aranha dos Santos, N. Luft, L. Schmetterer and M. Bolz	Current eye research			2020	4	10.1080/02713683.2020.1752390	https://doi.org/10.1080/02713683.2020.1752390

464	Assessment of Choroidal Neovascularization Perfusion: A Pilot Study With Laser Speckle Flowgraphy	Giacomo Calzetti, Paolo Mora, Stefania Favilla, Giorgia Ottonelli, Giulia Devincenzi, Arturo Carta, Salvatore Tedesco, Anna Mursch-Edlmayr, Gerhard Garhöfer, Stefano Gandolfi, Leopold Schmetterer	Translational Vision Science and Technology	9	5	9	2020	4	10.1167/tvst.9.5.9	https://doi.org/10.1167/tvst.9.5.9
465	Longitudinal changes in optic nerve head perfusion in non-arteritic anterior ischemic optic neuropathy	Giacomo Calzetti, Federica Angella, Alice Galli, Giada Marcantoni, Alessandro Romani, Mariabeatrice Simonelli, Paolo Mora, Stefano A Gandolfi, Leopold Schmetterer and Arturo Carta	Investigative Ophthalmology & Visual Science	61	7	3951	2020	6		https://iovs.arvojournals.org/article.aspx?articleid=2768312
466	Optic nerve head and peripapillary perfusion as assessed with laser speckle flowgraphy in non-arteritic anterior ischaemic optic neuropathy	Giacomo Calzetti, Paolo Mora, Alessandro Romani, Giorgia Ottonelli, Alessandra Pareti, Stefano Gandolfi, Leopold Schmetterer and Arturo Carta	Acta Ophthalmologica	99	3	e445-e446	2020	7	10.1111/aos.14555	https://doi.org/10.1111/aos.14555
467	Measuring optic nerve head perfusion to monitor glaucoma: a study on structure-function relationships using laser speckle flowgraphy.	Giacomo Calzetti, Anna Sophie Mursch-Edlmayr, Ahmed M. Bata, Nicola Ungaro, Paolo Mora, Jacqueline Chua, Doreen Schmidl, Matthias Bolz, Gerhard Garhöfer, Stefano Gandolfi, Leopold Schmetterer and Damon Wong	Acta Ophthalmologica	100	1	e181-e191	2021	4	10.1111/aos.14862	https://doi.org/10.1111/aos.14862
468	Short-term changes in retinal and choroidal relative flow volume after anti-VEGF treatment for neovascular age-related macular degeneration	Giacomo Calzetti, Paolo Mora, Enrico Borrelli, Riccardo Sacconi, Guido Ricciotti, Arturo Carta, Stefano Gandolfi and Giuseppe Querques	Scientific Reports	11	1	23723	2021	12	10.1038/s41598-021-03179-x	https://doi.org/10.1038/s41598-021-03179-x
469	One-year follow up of a tobacco alcohol optic neuropathy case with atypical course: Conventional assessment and Laser speckle flowgraphy	Matilde Longhena, Carlo Bellucci, Elisabetta Delfini, Alessandra Pareti, Stefano Gandolfi and Paolo Mora	European Journal of Ophthalmology				2023	3	10.1177/11206721231160958	https://doi.org/10.1177/11206721231160958
470	Longitudinal Study of Optic Disk Perfusion and Retinal Structure in Leber's Hereditary Optic Neuropathy	Giacomo Calzetti, Chiara La Morgia, Marco Cattaneo, Arturo Carta, Francesca Bosello, Giulia Amore, Michele Carbonelli, Maria Lucia Cascavilla, Stefano Gandolfi, Valerio Carelli, Leopold Schmetterer, Hendrik P. N. Scholl and Piero Barboni	Investigative Ophthalmology & Visual Science	63	1	43	2022	1	10.1167/iovs.63.1.43	https://doi.org/10.1167/iovs.63.1.43
471	Axial length changes induced by positive defocus correlate with changes in choroidal blood flow	Barbara Swiatczak, Giacomo Calzetti and Frank Schaeffel	Investigative Ophthalmology & Visual Science	63	7	406	2022	6		https://iovs.arvojournals.org/article.aspx?articleid=2782071
472	Imposed positive defocus changes choroidal blood flow in young human subjects	Barbara Swiatczak, Frank Schaeffel and Giacomo Calzetti	Graefe's Archive for Clinical and Experimental Ophthalmology	261		115-125	2022	9	10.1007/s00417-022-05842-z	https://doi.org/10.1007/s00417-022-05842-z
473	Ocular blood flow and myopia	Barbara Swiatczak	Acta Ophthalmologica				2022	12	10.1111/j.1755-3768.2022.15381	https://doi.org/10.1111/j.1755-3768.2022.15381
474	Changes in Ocular Blood Flow after Ranibizumab IntravitrealInjection for Diabetic Macular Edema Measured Using LaserSpeckle Flowgraphy	Lisa Toto, Federica Evangelista, Pasquale Viggiano, Emanuele Erroi, Giada D'Onofrio, Daniele Libertini, Annamaria Porreca, Rossella D'Aloisio, Parravano Mariacristina, Luca Di Antonio, Marta Di Nicola and Rodolfo Mastropasqua	BioMed Research International	2020		9496242	2020	2	10.1155/2020/9496242	https://doi.org/10.1155/2020/9496242
475	Ocular microcirculation blood flow acutely increases upon cholesterol removal. The eyes mirror of the heart?	T. Sampietro, B. Dal Pino, F. Bigazzi, F. Sbrana, A. Ripoli, E. Fontanelli, M. Pianelli, R. Luciani, A. Lepri and G. Calzetti	Atherosclerosis	355		38-39	2022	8	j.atherosclerosis.2022.06.340	https://doi.org/10.1016/j.atherosclerosis.2022.06.340
476	Acute Increase in Ocular Microcirculation Blood Flow Upon Cholesterol Removal. The Eyes Are the Window of the Heart	T. Sampietro, B. Dal Pino, F. Bigazzi, F. Sbrana, A. Ripoli, E. Fontanelli, M. Pianelli, R. Luciani, A. Lepri and G. Calzetti	The American Journal of Medicine	136	1	108-114	2022	9	10.1016/j.amjmed.2022.08.016	https://doi.org/10.1016/j.amjmed.2022.08.016

477	Optic Nerve Head Blood Flow Analysis in Patients with Optic Disc Drusen Using Laser Speckle Flowgraphy	Jakob Wågström, Lasse Malmqvist and Steffen Hamann	Neuro-Ophthalmology			2020	8	10.1080/01658107.2020.1795689	https://doi.org/10.1080/01658107.2020.1795689
478	Microcirculatory model predicts blood flow and autoregulation range in the human retina: in vivo investigation with Laser Speckle Flowgraphy	Konstantinos Pappelis, Lars Choritz and Nomdo Jansonius	American Journal of Physiology-Heart and Circulatory Physiology			2020	9	10.1152/ajpheart.00404.2020	https://doi.org/10.1152/ajpheart.00404.2020
479	Assessment of chorioretinal blood flow and vessel diameter by laser speckle flowgraphy in three animal models	X. Wei, A. Barathi, B.B. Sai, P.K. Balne, N. Khandelwal and R. Agrawal	Acta Ophthalmologica	94		2016	9	10.1111/j.1755-3768.2016.0566	http://dx.doi.org/10.1111/j.1755-3768.2016.0566
480	Investigating eye-strain due to prolonged exposure to low resolution multimedia using LSFG	M. S. Bhatti, W. Rasheed, T. B. Tang and A. Laude	2016 6th International Conference on Intelligent and Advanced Systems (ICIAS)		1-4	2016	8	10.1109/ICIAS.2016.7824096	http://dx.doi.org/10.1109/ICIAS.2016.7824096
481	Effects of water drinking test on ocular blood flow waveform parameters: A laser speckle flowgraphy study	Mehwish Saba Bhatti, Tong Boon Tang and Augustinus Laude	PLOS ONE	12	7 e0181512	2017	7	10.1371/journal.pone.0181512	https://doi.org/10.1371/journal.pone.0181512
482	Ocular Blood Flow in Rabbits under Deep Anesthesia: A Real-Time Measurement Technique and Its Application in Characterizing Retinal Ischemia	Mehwish Saba Bhatti, Tong Boon Tang and Hui Cheng Chen	Scientific Reports	8	1 5713	2018	4	10.1038/s41598-018-24141-4	https://doi.org/10.1038/s41598-018-24141-4
483	Pulse waveform analysis on temporal changes in ocular blood flow due to caffeine intake: a comparative study between habitual and non-habitual groups	Aishah Ismail, Mehwish S. Bhatti, Ibrahima Faye, Cheng Kai Lu, Augustinus Laude and Tong Boon Tang	Graefe's Archive for Clinical and Experimental Ophthalmology	2018		2018	6	10.1007/s00417-018-4030-9	https://doi.org/10.1007/s00417-018-4030-9
484	Animal Model - Investigation of Laser Speckle Flowgraphy for Early Carotid Artery Stenosis Detection	Aishah Ismail, Tong Boon Tang, Faye Ibrahima and Chen Hui Cheng	2018 International Conference on Intelligent and Advanced System (ICIAS)			2018	8	10.1109/ICIAS.2018.8540566	https://ieeexplore.ieee.org/abstract/document/8540566
485	Longitudinal effects of common carotid artery stenosis on ocular hemodynamics assessed using laser speckle flowgraphy in a rabbit model	Aishah Ismail, Hui Cheng Chen, Ibrahima Faye and Tong Boon Tang	Scientific Reports	10	1 15829	2020	9	10.1038/s41598-020-72556-9	https://doi.org/10.1038/s41598-020-72556-9
486	Titanium dioxide nanoparticles impair the inner blood-retinal barrier and retinal electrophysiology through rapid ADAM17 activation and claudin-5 degradation	Yen-Ju Chan, Po-Lin Liao, Chi-Hao Tsai, Yu-Wen Cheng, Fan-Li Lin, Jau-Der Ho, Ching-Yi Chen and Ching-Hao Li	Particle and fibre toxicology	18	1 1-16	2021	1	10.1186/s12989-020-00395-7	https://doi.org/10.1186/s12989-020-00395-7
487	Retinal protection by fungal product theissenolactone B in a sodium iodate-induced AMD model through targeting retinal pigment epithelial matrix metalloproteinase-9 and microglia activity	Fan-Li Lin, Yu-Wen Cheng, Li-Huei Chen, Jau-Der Ho, Jing-Lun Yen, Mong-Heng Wang, Tzong-Huei Lee and George Hsiao	Biomedicine & Pharmacotherapy	158	114138	2022	12	10.1016/j.biopha.2022.114138	https://doi.org/10.1016/j.biopha.2022.114138
488	Evaluation of Microcirculation in Optic Nerve Head Using Laser Speckle Flowgraphy in Active Thyroid Eye Disease	Margaret Ming-Chih Ho, Yueh-Ju Tsai, Yen-Chang Chu and Yi-Lin Liao	BioMed Research International			2022	3	10.1155/2022/9115270	https://doi.org/10.1155/2022/9115270
489	Ocular circulation change in optic disc melanocytoma – a case report and a review of the literature	Tsung-Ying Tsai, Yueh-Ju Tsai, Yen-Chang Chu, Yih-Shiou Hwang and Yi-Lin Liao	BMC ophthalmology	23	1 1-8	2023	1	10.1186/s12886-023-02785-9	https://doi.org/10.1186/s12886-023-02785-9
490	Effect of immunosuppressive therapy on ocular blood flow in initial-onset acute uveitis associated with Vogt–Koyanagi–Harada disease.	Ahmed M. Abu El-Asrar, Waleed Alsarhani, Abdullah Alzubaidi and Priscilla W. Gikandi	Acta Ophthalmologica			2021	3	10.1111/aos.14842	https://doi.org/10.1111/aos.14842
491	Changes in ocular blood flow and retinal oxygen metabolism during immunosuppressive therapy for initial-onset acute uveitis associated with Vogt–Koyanagi–Harada disease	Ahmed M. Abu El-Asrar, Abdulrahman F. AlBloushi, Priscilla W. Gikandi, Abdullah Alzubaidi and Einar Stefánsson	Acta Ophthalmologica			2022	3	10.1111/aos.15122	https://doi.org/10.1111/aos.15122
492	Acute uveitic phase of Vogt-Koyanagi-Harada disease: optic nerve head swelling, ocular blood flow and retinal oxygen metabolism	Ahmed M. Abu El-Asrar, Abdulrahman F. AlBloushi, Priscilla W. Gikandi, Abdullah Alzubaidi and Einar Stefánsson	Eye		1-7	2022	6	10.1038/s41433-022-02141-z	https://doi.org/10.1038/s41433-022-02141-z
493	Alterations in ocular microcirculation and oxygen metabolism in patients with lipemia retinalis	Waleed K. Alsarhani, Fadwa F. Al Adel, Abdullah Alamri, Rahaf M. Al Malawi and Abdulrahman F. AlBloushi	BMC Ophthalmology	22	295	2022	7	10.1186/s12886-022-02515-7	https://doi.org/10.1186/s12886-022-02515-7

494	Comparison of CCD-equipped laser speckle flowgraphy with hydrogen gas clearance method in the measurement of optic nerve head microcirculation in rabbits	Hiroaki Takahashi, Tetsuya Sugiyama, Hideki Tokushige, Takatoshi Maeno, Toru Nakazawa, Tsunehiko Ikeda and Makoto Araie	Experimental Eye Research	108	10-15	2013	3	10.1016/j.exer.2012.12.003	http://dx.doi.org/10.1016/j.exer.2012.12.003
495	Novel superpixel method to visualize fundus blood flow resistivity in healthy adults	Kenji Okamoto, Noriyoshi Takahashi, Tatsuhiko Kobayashi, Tomoaki Shiba, Yuichi Hori and Hitoshi Fujii	Scientific Reports	13	6171	2023	4	10.1038/s41598-023-33450-2	https://doi.org/10.1038/s41598-023-33450-2