

# Tomoaki Shiba

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

401  
citations

1039406

9  
h-index

887659

17  
g-index

34  
all docs

34  
docs citations

34  
times ranked

287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of laterality in the optic nerve head microcirculation obtained by laser speckle flowgraphy in healthy subjects. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 2799-2805.	1.0	3
2	Effects of aging and exercise habits on blood flow profile of the ocular circulation. <i>PLoS ONE</i> , 2022, 17, e0266684.	1.1	2
3	Characterization of laser speckle flowgraphy pulse waveform parameters for the evaluation of the optic nerve head and retinal circulation. <i>Scientific Reports</i> , 2021, 11, 6847.	1.6	11
4	The influence of hemorrhagic shock on ocular microcirculation by obtained by laser speckle flowgraphy in a white rabbit model. <i>Microcirculation</i> , 2021, 28, e12716.	1.0	3
5	Real-Time Evaluation of Regional Arterial Stiffening, Resistance, and Ocular Circulation During Systemic Administration of Adrenaline in White Rabbits. <i>Translational Vision Science and Technology</i> , 2021, 10, 11.	1.1	2
6	Ocular and Systemic Factors Affecting Laser Speckle Flowgraphy Measurements in the Optic Nerve Head. <i>Translational Vision Science and Technology</i> , 2021, 10, 13.	1.1	11
7	Sleep-Disordered Breathing Is a Stronger Risk Factor for Proliferative Diabetic Retinopathy than Metabolic Syndrome and the Number of Its Individual Components. <i>Seminars in Ophthalmology</i> , 2019, 34, 59-65.	0.8	5
8	Gender differences in the influence of obstructive sleep apnea on optic nerve head circulation. <i>Scientific Reports</i> , 2019, 9, 18849.	1.6	4
9	The influences of gender and aging on optic nerve head microcirculation in healthy adults. <i>Scientific Reports</i> , 2019, 9, 15636.	1.6	14
10	Influence of age and gender on the pulse waveform in optic nerve head circulation in healthy men and women. <i>Scientific Reports</i> , 2019, 9, 17895.	1.6	8
11	Pulse Waveform Analysis in Ocular Microcirculation by Laser Speckle Flowgraphy in Patients with Left Ventricular Systolic and Diastolic Dysfunction. <i>Journal of Vascular Research</i> , 2018, 55, 329-337.	0.6	11
12	Assessment of ocular microcirculation in patients with end-stage kidney disease. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 2335-2340.	1.0	6
13	The relationships between the pulsatile flow form of ocular microcirculation by laser speckle flowgraphy and the left ventricular end-diastolic pressure and mass. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1715-1723.	0.7	7
14	Intravitreal bevacizumab treatment reduces ocular blood flow in retinopathy of prematurity: a four-case report. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 2241-2247.	1.0	6
15	Comparison of Short-Term Effects of Diquafosol and Rebamipide on Mucin 5AC Level on the Rabbit Ocular Surface. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017, 33, 493-497.	0.6	20
16	A Change in Ocular Circulation after Photocoagulation for Retinopathy of Prematurity in a Neonate. <i>Case Reports in Ophthalmology</i> , 2017, 8, 91-98.	0.3	3
17	Decreased ocular blood flow after photocoagulation therapy in neonatal retinopathy of prematurity. <i>Japanese Journal of Ophthalmology</i> , 2017, 61, 484-493.	0.9	6
18	Retinal VEGF levels correlate with ocular circulation measured by a laser speckle-micro system in an oxygen-induced retinopathy rat model. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1981-1990.	1.0	7

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19	Differences in optic nerve head microcirculation between evening and morning in patients with coronary artery disease. <i>Microcirculation</i> , 2017, 24, e12386.	1.0	5
20	Arterial stiffness shown by the cardio-ankle vascular index is an important contributor to optic nerve head microcirculation. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 99-105.	1.0	22
21	Relationship between Metabolic Syndrome and Ocular Microcirculation Shown by Laser Speckle Flowgraphy in a Hospital Setting Devoted to Sleep Apnea Syndrome Diagnostics. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-10.	1.0	9
22	Relationships among Ocular Blood Flow Shown by Laser Speckle Flowgraphy, Retinal Arteriosclerotic Change, and Chorioretinal Circulation Time Obtained by Fluorescein Angiography. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-7.	0.6	6
23	Relationship between glycosylated hemoglobin A1c and ocular circulation by laser speckle flowgraphy in patients with/without diabetes mellitus. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1801-1809.	1.0	15
24	Arteriosclerotic Changes after Intravitreal Injections of Anti-Vascular Endothelial Growth Factor Drugs in Patients with Exudative Age-Related Macular Degeneration. <i>Ophthalmologica</i> , 2016, 235, 225-232.	1.0	6
25	Ocular blood flow values measured by laser speckle flowgraphy correlate with the postmenstrual age of normal neonates. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1631-1636.	1.0	7
26	Relationship between plasma levels of vasoactive mediators and optic nerve head circulation shown by laser speckle flowgraphy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1033-1039.	1.0	4
27	Pulse waveform analysis in the optic nerve head circulation reflects systemic vascular resistance obtained via a Swan-Ganz catheter. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1195-1200.	1.0	18
28	Reproducibility of Neonate Ocular Circulation Measurements Using Laser Speckle Flowgraphy. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	9
29	Pulse waveform analysis of optic nerve head circulation for predicting carotid atherosclerotic changes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 2285-2291.	1.0	25
30	Accurate evaluation of relationships among serum lipoprotein lipase mass, visceral fat, and retinal nerve fiber layer thickness. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 1825-1826.	1.0	1
31	Pulse-Wave Analysis of Optic Nerve Head Circulation Is Significantly Correlated with Kidney Function in Patients with and without Chronic Kidney Disease. <i>Journal of Ophthalmology</i> , 2014, 2014, 1-6.	0.6	16
32	Changes in the Blood Flow of the Optic Nerve Head Induced by Different Concentrations of Epinephrine in Intravitreal Infusion During Vitreous Surgery. , 2014, 55, 1625.		30
33	Pulse-wave analysis of optic nerve head circulation is significantly correlated with brachial-ankle pulse-wave velocity, carotid intima-media thickness, and age. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 1275-1281.	1.0	48
34	Optic Nerve Head Circulation Determined by Pulse Wave Analysis is Significantly Correlated with Cardio Ankle Vascular Index, Left Ventricular Diastolic Function, and Age. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012, 19, 999-1005.	0.9	51