Tomoaki Murakami

List of Publications by Year
in descending order

71 papers	3,465 citations	236612 25 h-index	155451 55 g-index
71 all docs	71 docs citations	71 times ranked	3168 citing authors

#	Article	IF	Citations
1	The intercapillary space spectrum as a marker of diabetic retinopathy severity on optical coherence tomography angiography. Scientific Reports, 2022, 12, 3089.	1.6	7
2	Foveal Thickness Fluctuation in Anti-VEGF Treatment for Branch Retinal Vein Occlusion: A Long-term Study. Ophthalmology Retina, 2022, 6, 567-574.	1.2	4
3	Factors predicting the treatment frequency of ranibizumab injections during the second year in diabetic macular edema. Japanese Journal of Ophthalmology, 2022, 66, 296-304.	0.9	1
4	Intensive treat-to-target statin therapy and severity of diabetic retinopathy complicated by hypercholesterolaemia. Eye, 2021, 35, 2221-2228.	1.1	5
5	Review of clinical studies and recommendation for a therapeutic flow chart for diabetic macular edema. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 815-836.	1.0	23
6	Peripheral Chorioretinal Imaging Through a Front Prism on Optical Coherence Tomography Angiography. Translational Vision Science and Technology, 2021, 10, 36.	1.1	5
7	Disproportion of lamellar capillary non-perfusion in proliferative diabetic retinopathy on optical coherence tomography angiography. British Journal of Ophthalmology, 2020, 104, 857-862.	2.1	7
8	Hyperreflective Walls in Foveal Cystoid Spaces as a Biomarker of Diabetic Macular Edema Refractory to Anti-VEGF Treatment. Scientific Reports, 2020, 10, 7299.	1.6	14
9	OCT Angiography Image Stack Casts Light on Multifaceted Pathophysiologic Features in Diabetic Microaneurysms. Ophthalmology Retina, 2020, 4, 187-188.	1.2	0
10	Hyperreflective Foci in the Outer Retinal Layers as a Predictor of the Functional Efficacy of Ranibizumab for Diabetic Macular Edema. Scientific Reports, 2020, 10, 873.	1.6	34
11	FIXATION STATUS AFTER RESOLUTION OF MACULAR EDEMA ASSOCIATED WITH BRANCH RETINAL VEIN OCCLUSION. Retina, 2019, 39, 1896-1905.	1.0	3
12	Predictor of Early Remission of Diabetic Macular Edema under As-Needed Intravitreal Ranibizumab. Scientific Reports, 2019, 9, 7599.	1.6	15
13	Characteristics of Diabetic Capillary Nonperfusion in Macular and Extramacular White Spots on Optical Coherence Tomography Angiography. , 2019, 60, 1595.		8
14	Anti-Hexokinase 1 Antibody as a Novel Serum Biomarker of a Subgroup of Diabetic Macular Edema. Scientific Reports, 2019, 9, 4806.	1.6	5
15	Achieving LDL cholesterol target levels <1.81 mmol/L may provide extra cardiovascular protection in patients at high risk: Exploratory analysis of the Standard Versus Intensive Statin Therapy for Patients with Hypercholesterolaemia and Diabetic Retinopathy study. Diabetes, Obesity and Metabolism, 2019, 21, 791-800.	2.2	15
16	Granular lesions of short-wavelength and near-infrared autofluorescence in diabetic macular oedema. Eye, 2019, 33, 564-571.	1.1	4
17	Anti-fumarase antibody promotes the dropout of photoreceptor inner and outer segments in diabetic macular oedema. Diabetologia, 2019, 62, 504-516.	2.9	9
18	Association between characteristics of foveal cystoid spaces and short-term responsiveness to ranibizumab for diabetic macular edema. Japanese Journal of Ophthalmology, 2018, 62, 292-301.	0.9	17

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19	Intensive Treat-to-Target Statin Therapy in High-Risk Japanese Patients With Hypercholesterolemia and Diabetic Retinopathy: Report of a Randomized Study. Diabetes Care, 2018, 41, 1275-1284.	4.3	43
20	EVALUATION OF MACULAR ISCHEMIA IN EYES WITH BRANCH RETINAL VEIN OCCLUSION. Retina, 2018, 38, 272-282.	1.0	64
21	INFLUENCE OF VITRECTOMY SURGERY ON THE INTEGRITY OF OUTER RETINAL LAYERS IN DIABETIC MACULAR EDEMA. Retina, 2018, 38, 163-172.	1.0	14
22	EVALUATION OF MACULAR ISCHEMIA IN EYES WITH CENTRAL RETINAL VEIN OCCLUSION. Retina, 2018, 38, 1571-1580.	1.0	45
23	Diabetic Nonperfused Areas in Macular and Extramacular Regions on Wide-Field Optical Coherence Tomography Angiography. , 2018, 59, 5893.		27
24	Decorrelation Signal of Diabetic Hyperreflective Foci on Optical Coherence Tomography Angiography. Scientific Reports, 2018, 8, 8798.	1.6	11
25	Clinical relevance of reduced decorrelation signals in the diabetic inner choroid on optical coherence tomography angiography. Scientific Reports, 2017, 7, 5227.	1.6	52
26	Diabetic Neuroglial Changes in the Superficial and Deep Nonperfused Areas on Optical Coherence Tomography Angiography. , 2017, 58, 5870.		22
27	Relation between macular morphology and treatment frequency during twelve months with ranibizumab for diabetic macular edema. PLoS ONE, 2017, 12, e0175809.	1.1	16
28	Characterization of Inner Retinal Spots With Inverted Reflectivity on En Face Optical Coherence Tomography in Diabetic Retinopathy. , 2016, 57, 1862.		7
29	White Dots as a Novel Marker of Diabetic Retinopathy Severity in Ultrawide Field Imaging. PLoS ONE, 2016, 11, e0165906.	1.1	5
30	Restoration of foveal photoreceptors after intravitreal ranibizumab injections for diabetic macular edema. Scientific Reports, 2016, 6, 39161.	1.6	53
31	Relationship between Functional and Structural Changes in Diabetic Vessels in Optical Coherence Tomography Angiography. Scientific Reports, 2016, 6, 29064.	1.6	90
32	In Vivo Choroidal Vascular Lesions in Diabetes on Swept-Source Optical Coherence Tomography. PLoS ONE, 2016, 11, e0160317.	1.1	22
33	Potential Measurement Errors Due to Image Enlargement in Optical Coherence Tomography Imaging. PLoS ONE, 2015, 10, e0128512.	1.1	4
34	Disorganized Retinal Lamellar Structures in Nonperfused Areas of Diabetic Retinopathy. , 2015, 56, 2012.		41
35	Macular morphologic findings on optical coherence tomography after microincision vitrectomy for proliferative diabetic retinopathy. Japanese Journal of Ophthalmology, 2015, 59, 236-243.	0.9	15
36	OPTICAL COHERENCE TOMOGRAPHIC REFLECTIVITY OF CYSTOID SPACES IS RELATED TO RECURRENT DIABETIC MACULAR EDEMA AFTER TRIAMCINOLONE. Retina, 2015, 35, 264-271.	1.0	16

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37	Kallikrein-Kinin System: An Emerging Competitor or Collaborator for VEGF in Diabetic Macular Edema?. Diabetes, 2015, 64, 3350-3352.	0.3	5
38	Foveal Damage Due to Subfoveal Hemorrhage Associated with Branch Retinal Vein Occlusion. PLoS ONE, 2015, 10, e0144894.	1.1	14
39	Integrative Understanding of Macular Morphologic Patterns in Diabetic Retinopathy Based on Self-Organizing Map. , 2014, 55, 1994.		12
40	Retinal Vessel Tortuosity Associated With Central Retinal Vein Occlusion: An Optical Coherence Tomography Study. , 2014, 55, 134.		21
41	ASSOCIATION BETWEEN RETINAL VENULAR DILATION AND SEROUS RETINAL DETACHMENT IN DIABETIC MACULAR EDEMA. Retina, 2014, 34, 725-731.	1.0	6
42	HYPERREFLECTIVE FOCI IN OUTER RETINA PREDICTIVE OF PHOTORECEPTOR DAMAGE AND POOR VISION AFTER VITRECTOMY FOR DIABETIC MACULAR EDEMA. Retina, 2014, 34, 732-740.	1.0	52
43	Parallelism as a Novel Marker for Structural Integrity of Retinal Layers in Optical Coherence Tomographic Images in Eyes With Epiretinal Membrane. American Journal of Ophthalmology, 2014, 157, 227-236.e4.	1.7	25
44	Parallelism for Quantitative Image Analysis of Photoreceptorâ€“Retinal Pigment Epithelium Complex Alterations in Diabetic Macular Edema. , 2014, 55, 3361.		27
45	Qualitative and Quantitative Characteristics of Near-Infrared Autofluorescence in Diabetic Macular Edema. Ophthalmology, 2014, 121, 1036-1044.	2.5	23
46	Association between Perifoveal Hyperfluorescence and Serous Retinal Detachment in Diabetic Macular Edema. Ophthalmology, 2013, 120, 2596-2603.	2.5	21
47	Branch retinal vein occlusion-associated subretinal hemorrhage. Japanese Journal of Ophthalmology, 2013, 57, 275-282.	0.9	21
48	Structural Changes in Individual Retinal Layers in Diabetic Macular Edema. Journal of Diabetes Research, 2013, 2013, 1-11.	1.0	107
49	ASSOCIATION BETWEEN FLUORESCEIN LEAKAGE AND OPTICAL COHERENCE TOMOGRAPHIC CHARACTERISTICS OF MICROANEURYSMS IN DIABETIC RETINOPATHY. Retina, 2013, 33, 732-739.	1.0	12
50	Macular Migration toward the Optic Disc after Inner Limiting Membrane Peeling for Diabetic Macular Edema. , 2013, 54, 629.		50
51	Optical Coherence Tomographic Reflectivity of Photoreceptors beneath Cystoid Spaces in Diabetic Macular Edema. , 2012, 53, 1506.		114
52	Protein Kinase CÎ² Phosphorylates Occludin Regulating Tight Junction Trafficking in Vascular Endothelial Growth Factorâ€“Induced Permeability In Vivo. Diabetes, 2012, 61, 1573-1583.	0.3	133
53	CHARACTERISTICS OF OPTICAL COHERENCE TOMOGRAPHIC HYPERREFLECTIVE FOCI IN RETINAL VEIN OCCLUSION. Retina, 2012, 32, 77-85.	1.0	94
54	DISRUPTED FOVEAL PHOTORECEPTORS AFTER COMBINED CYSTOID SPACES AND RETINAL DETACHMENT IN BRANCH VEIN OCCLUSION TREATED WITH BEVACIZUMAB. Retina, 2012, 32, 1853-1861.	1.0	11

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55	Relationship between Fluorescein Pooling and Optical Coherence Tomographic Reflectivity of Cystoid Spaces in Diabetic Macular Edema. Ophthalmology, 2012, 119, 1047-1055.	2.5	59
56	Association Between Hyperreflective Foci in the Outer Retina, Status of Photoreceptor Layer, and Visual Acuity in Diabetic Macular Edema. American Journal of Ophthalmology, 2012, 153, 710-717.e1.	1.7	271
57	Segmentational Analysis of Retinal Thickness after Vitrectomy in Diabetic Macular Edema. , 2012, 53, 6668.		26
58	Association of Pathomorphology, Photoreceptor Status, and Retinal Thickness With Visual Acuity in Diabetic Retinopathy. American Journal of Ophthalmology, 2011, 151, 310-317.	1.7	96
59	Foveal Cystoid Spaces Are Associated with Enlarged Foveal Avascular Zone and Microaneurysms in Diabetic Macular Edema. Ophthalmology, 2011, 118, 359-367.	2.5	87
60	Visual acuity following intravitreal bevacizumab for macular edema associated with retinal vein occlusion. Japanese Journal of Ophthalmology, 2010, 54, 555-564.	0.9	10
61	Optical Coherence Tomographic Evaluation of Foveal Hard Exudates in Patients with Diabetic Maculopathy Accompanying Macular Detachment. Ophthalmology, 2010, 117, 1996-2002.	2.5	115
62	Optical Coherence Tomographic Characteristics of Microaneurysms in Diabetic Retinopathy. American Journal of Ophthalmology, 2010, 150, 840-848.e1.	1.7	88
63	Occludin Phosphorylation and Ubiquitination Regulate Tight Junction Trafficking and Vascular Endothelial Growth Factor-induced Permeability. Journal of Biological Chemistry, 2009, 284, 21036-21046.	1.6	301
64	Foveal Photoreceptor Layer in Eyes with Persistent Cystoid Macular Edema Associated with Branch Retinal Vein Occlusion. American Journal of Ophthalmology, 2008, 145, 273-280.e1.	1.7	132
65	Association Between Abnormal Autofluorescence and Photoreceptor Disorganization in Retinitis Pigmentosa. American Journal of Ophthalmology, 2008, 145, 687-694.	1.7	102
66	ROLE OF POSTERIOR VITREOUS DETACHMENT INDUCED BY INTRAVITREAL TISSUE PLASMINOGEN ACTIVATOR IN MACULAR EDEMA WITH CENTRAL RETINAL VEIN OCCLUSION. Retina, 2007, 27, 1031-1037.	1.0	40
67	Photoreceptor Status After Resolved Macular Edema in Branch Retinal Vein Occlusion Treated With Tissue Plasminogen Activator. American Journal of Ophthalmology, 2007, 143, 171-173.	1.7	116
68	Intravitreal Tissue Plasminogen Activator to Treat Macular Edema Associated With Branch Retinal Vein Occlusion. American Journal of Ophthalmology, 2006, 142, 318-320.	1.7	40
69	Time-Lapse Imaging of Vitreoretinal Angiogenesis Originating from Both Quiescent and Mature Vessels in a Novel Ex Vivo System. , 2006, 47, 5529.		23
70	Angiopoietin-1 Attenuates H2O2-induced SEK1/JNK Phosphorylation through the Phosphatidylinositol 3-Kinase/Akt Pathway in Vascular Endothelial Cells. Journal of Biological Chemistry, 2005, 280, 31841-31849.	1.6	27
71	Erythropoietin as a Retinal Angiogenic Factor in Proliferative Diabetic Retinopathy. New England Journal of Medicine, 2005, 353, 782-792.	13.9	461