

# Shizuo Mukai

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

3,638  
citations

186265  
28  
h-index

133252  
59  
g-index

83  
all docs

83  
docs citations

83  
times ranked

3363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined X-linked familial exudative vitreoretinopathy and retinopathy of prematurity phenotype in an infant with mosaic turner syndrome with ring X chromosome. <i>Ophthalmic Genetics</i> , 2023, 44, 198-203.	1.2	0
2	Endoscopic Cyclophotocoagulation in Boston Keratoprosthesis Type II. <i>Ophthalmology Glaucoma</i> , 2022, 5, 120-123.	1.9	0
3	The Prevalence of Retinal Disease and Associated Central Nervous System Disease in Young Patients with Incontinentia Pigmenti. <i>Ophthalmology Retina</i> , 2022, , .	2.4	2
4	Late-Onset Retinal Findings and Complications in Untreated Retinopathy of Prematurity. <i>Ophthalmology Retina</i> , 2020, 4, 602-612.	2.4	50
5	Inexpensive and Open-Source Devices and Systems for Retinal Imaging. <i>International Ophthalmology Clinics</i> , 2020, 60, 35-45.	0.7	0
6	PI3K $\gamma$ as a Novel Therapeutic Target in Pathological Angiogenesis. <i>Diabetes</i> , 2020, 69, 736-748.	0.6	22
7	Expanding the phenotypic spectrum in RDH12-associated retinal disease. <i>Journal of Physical Education and Sports Management</i> , 2020, 6, a004754.	1.2	16
8	Detection of retinal microvascular changes in von Hippel-Lindau disease using optical coherence tomography angiography. <i>PLoS ONE</i> , 2020, 15, e0229213.	2.5	9
9	Autonomous early detection of eye disease in childhood photographs. <i>Science Advances</i> , 2019, 5, eaax6363.	10.3	25
10	Characterization of Epiretinal Proliferation in Full-Thickness Macular Holes and Effects on Surgical Outcomes. <i>Ophthalmology Retina</i> , 2019, 3, 694-702.	2.4	23
11	SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY FINDINGS IN COATS DISEASE. <i>Retina</i> , 2019, 39, 1177-1185.	1.7	14
12	Longitudinal Examination of Fellow-Eye Vascular Anomalies in Coats' Disease With Widefield Fluorescein Angiography: A Multicenter Study. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2019, 50, 221-227.	0.7	12
13	Efficacy of Retinal Lesion Screening in Von Hippel-Lindau Patients With Widefield Color Fundus Imaging Versus Widefield FA. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2019, 50, e260-e265.	0.7	7
14	Early Neuroblastic and Astrocytic Differentiation Demonstrated Immunohistochemically in a Small Intraocular Medulloepithelioma. <i>Ocular Oncology and Pathology</i> , 2018, 4, 176-181.	1.0	0
15	Retinal findings and a novel <i>TINF2</i> mutation in Revesz syndrome: Clinical and molecular correlations with pediatric retinal vasculopathies. <i>Ophthalmic Genetics</i> , 2017, 38, 51-60.	1.2	17
16	Analysis of patient outcomes following proton radiation therapy for retinoblastoma. <i>Advances in Radiation Oncology</i> , 2017, 2, 44-52.	1.2	12
17	Modern Surgical Techniques in the Management of Retinoblastoma. <i>International Ophthalmology Clinics</i> , 2017, 57, 195-218.	0.7	2
18	A Portable, Inexpensive, Nonmydriatic Fundus Camera Based on the Raspberry Pi <sup>®</sup> Computer. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-5.	1.3	23

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19	Editing <i>VEGFR2</i> Blocks VEGF-Induced Activation of Akt and Tube Formation. , 2017, 58, 1228.		47
20	Introduction of the <i>MDM2</i> T309G Mutation in Primary Human Retinal Epithelial Cells Enhances Experimental Proliferative Vitreoretinopathy. , 2017, 58, 5361.		17
21	Prevention of Proliferative Vitreoretinopathy by Suppression of Phosphatidylinositol 5-Phosphate 4-Kinases. , 2016, 57, 3935.		16
22	Immediate Sequential Bilateral Pediatric Vitreoretinal Surgery. <i>Ophthalmology</i> , 2016, 123, 1802-1808.	5.2	32
23	High-Resolution Imaging by Adaptive Optics Scanning Laser Ophthalmoscopy Reveals Two Morphologically Distinct Types of Retinal Hard Exudates. <i>Scientific Reports</i> , 2016, 6, 33574.	3.3	16
24	Long-term Follow-up and Outcomes in Traumatic Macular Holes. <i>American Journal of Ophthalmology</i> , 2016, 166, 206-207.	3.3	2
25	RasGAP Promotes Autophagy and Thereby Suppresses Platelet-Derived Growth Factor Receptor-Mediated Signaling Events, Cellular Responses, and Pathology. <i>Molecular and Cellular Biology</i> , 2015, 35, 1673-1685.	2.3	21
26	Long-term Follow-up and Outcomes in Traumatic Macular Holes. <i>American Journal of Ophthalmology</i> , 2015, 160, 1255-1258.e1.	3.3	65
27	Vascular Endothelial Growth Factor Acts Primarily via Platelet-Derived Growth Factor Receptor $\hat{\pm}$ to Promote Proliferative Vitreoretinopathy. <i>American Journal of Pathology</i> , 2014, 184, 3052-3068.	3.8	36
28	Second nonocular tumors among survivors of retinoblastoma treated with contemporary photon and proton radiotherapy. <i>Cancer</i> , 2014, 120, 126-133.	4.1	141
29	Is neutralizing vitreal growth factors a viable strategy to prevent proliferative vitreoretinopathy?. <i>Progress in Retinal and Eye Research</i> , 2014, 40, 16-34.	15.5	127
30	New Insights Into the Development of Infantile Intraocular Medulloepithelioma. <i>American Journal of Ophthalmology</i> , 2014, 158, 1275-1296.e1.	3.3	19
31	Proton Radiation Therapy for the Treatment of Retinoblastoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 863-869.	0.8	46
32	Dystrophic hyaloid artery remnants and other abnormalities in a buphthalmic eye with retinoblastoma. <i>Survey of Ophthalmology</i> , 2014, 59, 636-642.	4.0	3
33	Ranibizumab Is a Potential Prophylaxis for Proliferative Vitreoretinopathy, a Nonangiogenic Blinding Disease. <i>American Journal of Pathology</i> , 2013, 182, 1659-1670.	3.8	45
34	X-linked Juvenile Retinoschisis (XLRS): A Review of Genotype-Phenotype Relationships. <i>Seminars in Ophthalmology</i> , 2013, 28, 392-396.	1.6	24
35	Colorimetric and Longitudinal Analysis of Leukocoria in Recreational Photographs of Children with Retinoblastoma. <i>PLoS ONE</i> , 2013, 8, e76677.	2.5	25
36	Simple, Inexpensive Technique for High-Quality Smartphone Fundus Photography in Human and Animal Eyes. <i>Journal of Ophthalmology</i> , 2013, 2013, 1-5.	1.3	133

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37	Second non-ocular tumors among survivors of retinoblastoma treated with proton therapy.. Journal of Clinical Oncology, 2013, 31, 10018-10018.	1.6	0
38	A Novel Function of p53. American Journal of Pathology, 2012, 181, 866-874.	3.8	32
39	Smartphone Photography Safety. Ophthalmology, 2012, 119, 2200-2201.	5.2	55
40	A Novel Strategy to Develop Therapeutic Approaches to Prevent Proliferative Vitreoretinopathy. American Journal of Pathology, 2011, 179, 2931-2940.	3.8	54
41	<i>miR-17-492</i> cooperates with <i>RB</i> pathway mutations to promote retinoblastoma. Genes and Development, 2011, 25, 1734-1745.	5.9	164
42	POSTERIOR UVEAL MELANOMA IN YOUNG PATIENTS TREATED WITH PROTON BEAM THERAPY. Retina, 2010, 30, 1267-1271.	1.7	21
43	Visual outcomes of vitreoretinal surgery in eyes with severe open-globe injury presenting with no-light-perception vision. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 477-483.	1.9	45
44	Retinal and Choroidal Biopsy. International Ophthalmology Clinics, 2009, 49, 145-154.	0.7	11
45	Ocular Melanocytoma. International Ophthalmology Clinics, 2009, 49, 165-175.	0.7	14
46	Retinoblastoma: Genetics and Pathology. International Ophthalmology Clinics, 2009, 49, 155-164.	0.7	11
47	Stargardt's Disease and the ABCR Gene. Seminars in Ophthalmology, 2008, 23, 59-65.	1.6	33
48	Coats' Disease. International Ophthalmology Clinics, 2008, 48, 149-158.	0.7	13
49	Diagnosis, Classification, and Treatment of Retinoblastoma. International Ophthalmology Clinics, 2008, 48, 135-147.	0.7	38
50	Inherited Proliferative Vitreoretinopathies of Childhood. International Ophthalmology Clinics, 2008, 48, 159-174.	0.7	1
51	HISTOLOGY OF RETINA OVERLYING BACTERIAL SUBRETINAL ABSCESS AND IMPLICATIONS FOR TREATMENT. Retinal Cases and Brief Reports, 2007, 1, 257-260.	0.6	4
52	Molecular Genetics of <i>RB1</i> – The Retinoblastoma Gene. Seminars in Ophthalmology, 2007, 22, 247-254.	1.6	46
53	The Wnt Signaling Pathway in Familial Exudative Vitreoretinopathy and Norrie Disease. Seminars in Ophthalmology, 2007, 22, 211-217.	1.6	73
54	Murine bilateral retinoblastoma exhibiting rapid-onset, metastatic progression and N-myc gene amplification. EMBO Journal, 2007, 26, 784-794.	7.8	69

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55	PARS PLANA VITRECTOMY IN EYES TREATED FOR RETINOBLASTOMA. <i>Retina</i> , 2006, 26, S53-S56.	1.7	12
56	Case 5-2006. <i>New England Journal of Medicine</i> , 2006, 354, 741-748.	27.0	11
57	A Novel Treatment for Ocular Tumors Using Membrane FasL Vesicles to Activate Innate Immunity and Terminate Immune Privilege. , 2005, 46, 2495.		11
58	Retinopathy after percutaneous transluminal coronary angioplasty and stent insertion for acute myocardial infarction. <i>American Journal of Ophthalmology</i> , 2003, 136, 557-560.	3.3	4
59	Derepression of HMGA2 gene expression in retinoblastoma is associated with cell proliferation. <i>Molecular Medicine</i> , 2003, 9, 1.	4.4	16
60	Unexpected sensitivity to radiation of fibroblasts from unaffected parents of children with hereditary retinoblastoma. <i>International Journal of Cancer</i> , 2002, 99, 764-768.	5.1	12
61	von Hippel-Lindau Disease. <i>International Ophthalmology Clinics</i> , 2001, 41, 173-187.	0.7	9
62	Stem Cells in Ophthalmology. <i>International Ophthalmology Clinics</i> , 2001, 41, 241-254.	0.7	1
63	Biopsy of the Retina and the Choroid. <i>International Ophthalmology Clinics</i> , 1999, 39, 213-222.	0.7	10
64	Molecular Events in Tumor Formation. <i>International Ophthalmology Clinics</i> , 1997, 37, 215-232.	0.7	0
65	Emerging Chemotherapeutic Strategies in the Management of Intraocular Retinoblastoma. <i>International Ophthalmology Clinics</i> , 1997, 37, 201-214.	0.7	5
66	RHEGMATOGENOUS RETINAL DETACHMENT IN EYES WITH UVEAL MELANOMA. <i>Retina</i> , 1996, 16, 488-496.	1.7	31
67	Posterior Segment Intraocular Foreign Bodies. <i>International Ophthalmology Clinics</i> , 1995, 35, 151-161.	0.7	19
68	Cooperative tumorigenic effects of germline mutations in Rb and p53. <i>Nature Genetics</i> , 1994, 7, 480-484.	21.4	379
69	Elevated intraocular pressure secondary to rhegmatogenous retinal detachment. <i>Survey of Ophthalmology</i> , 1994, 39, 234-240.	4.0	30
70	Association and Chance Occurrence of Aniridia and Retinoblastoma. <i>American Journal of Ophthalmology</i> , 1994, 118, 820-822.	3.3	0
71	Controversies in the Management of Retinopathy of Prematurity. <i>International Ophthalmology Clinics</i> , 1994, 34, 121-148.	0.7	9
72	Familial Exudative Vitreoretinopathy. <i>International Ophthalmology Clinics</i> , 1993, 33, 237-248.	0.7	17

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73	Genetic Basis of Color Vision. <i>International Ophthalmology Clinics</i> , 1993, 33, 141-152.	0.7	2
74	Stickler's Syndrome. <i>International Ophthalmology Clinics</i> , 1993, 33, 271-280.	0.7	18
75	Molecular Genetic Diagnosis of Retinoblastoma. <i>Seminars in Ophthalmology</i> , 1993, 8, 292-299.	1.6	4
76	Management of Retinoblastoma. <i>Seminars in Ophthalmology</i> , 1993, 8, 281-291.	1.6	2
77	Retinopathy of Prematurity: Pathogenesis, Diagnosis, and Treatment. <i>International Ophthalmology Clinics</i> , 1992, 32, 163-184.	0.7	28
78	Transgenic mice with a rhodopsin mutation (Pro23His): A mouse model of autosomal dominant retinitis pigmentosa. <i>Neuron</i> , 1992, 9, 815-830.	8.1	420
79	Mutations in the human retinal degeneration slow gene in autosomal dominant retinitis pigmentosa. <i>Nature</i> , 1991, 354, 480-483.	27.8	516
80	Parental origin of mutations of the retinoblastoma gene. <i>Nature</i> , 1989, 339, 556-558.	27.8	228
81	Loss of alleles at polymorphic loci on chromosome 2 in uveal melanoma. <i>Cancer Genetics and Cytogenetics</i> , 1986, 22, 45-53.	1.0	49
82	Linkage Between the X-linked Retinitis Pigmentosa Locus and the L1.28 Locus. <i>American Journal of Ophthalmology</i> , 1985, 100, 225-229.	3.3	33
83	Linkage of Genes for Human Esterase D and Hereditary Retinoblastoma. <i>American Journal of Ophthalmology</i> , 1984, 97, 681-685.	3.3	29