

Rajesh C Rao

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

1,928
citations

331259

21
h-index

288905

40
g-index

101
all docs

101
docs citations

101
times ranked

3782
citing authors

#	ARTICLE	IF	CITATIONS
1	Hijacked in cancer: the KMT2 (MLL) family of methyltransferases. <i>Nature Reviews Cancer</i> , 2015, 15, 334-346.	12.8	486
2	Autograft-derived spinal cord mass following olfactory mucosal cell transplantation in a spinal cord injury patient. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 618-622.	0.9	145
3	Advancing Therapeutic Strategies for Inherited Retinal Degeneration: Recommendations From the Monaciano Symposium. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 918-931.	3.3	92
4	Ultra-Widefield Steering-Based Spectral-Domain Optical Coherence Tomography Imaging of the Retinal Periphery. <i>Ophthalmology</i> , 2016, 123, 1368-1374.	2.5	79
5	Next generation sequencing of vitreoretinal lymphomas from small-volume intraocular liquid biopsies: new routes to targeted therapies. <i>Oncotarget</i> , 2017, 8, 7989-7998.	0.8	67
6	MLL1 Inhibition Reprograms Epiblast Stem Cells to Naive Pluripotency. <i>Cell Stem Cell</i> , 2016, 18, 481-494.	5.2	57
7	Advancing Clinical Trials for Inherited Retinal Diseases: Recommendations from the Second Monaciano Symposium. <i>Translational Vision Science and Technology</i> , 2020, 9, 2.	1.1	56
8	Comprehensive genomic profiling of orbital and ocular adnexal lymphomas identifies frequent alterations in MYD88 and chromatin modifiers: new routes to targeted therapies. <i>Modern Pathology</i> , 2016, 29, 685-697.	2.9	55
9	Outcomes of Iodine-125 Plaque Brachytherapy for Uveal Melanoma With Intraoperative Ultrasonography and Supplemental Transpupillary Thermotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 801-805.	0.4	47
10	PRDM16 Suppresses MLL1r Leukemia via Intrinsic Histone Methyltransferase Activity. <i>Molecular Cell</i> , 2016, 62, 222-236.	4.5	46
11	Mechanisms and Management of Retinopathy of Prematurity. <i>New England Journal of Medicine</i> , 2013, 368, 1161-1163.	13.9	42
12	Acute Ocriplasmin Retinopathy. <i>Retina</i> , 2015, 35, 1055-1058.	1.0	40
13	Navigating Social Media in #Ophthalmology. <i>Ophthalmology</i> , 2019, 126, 779-782.	2.5	40
14	Dynamic Patterns of Histone Lysine Methylation in the Developing Retina. , 2010, 51, 6784.		39
15	Internal Limiting Membrane Peeling For Primary Rhegmatogenous Retinal Detachment Repair. <i>Ophthalmology</i> , 2013, 120, 1102-1103.e2.	2.5	39
16	Safety and Feasibility of Quantitative Multiplexed Cytokine Analysis From Office-Based Vitreous Aspiration. , 2016, 57, 3017.		36
17	Patient Perceptions of SARS-CoV-2 Exposure Risk and Association With Continuity of Ophthalmic Care. <i>JAMA Ophthalmology</i> , 2021, 139, 508.	1.4	36
18	Invasive squamous cell carcinomas and precursor lesions on UV-exposed epithelia demonstrate concordant genomic complexity in driver genes. <i>Modern Pathology</i> , 2020, 33, 2280-2294.	2.9	32

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19	Disease Course in Patients With Pentosan Polysulfate Sodium-Associated Maculopathy After Drug Cessation. <i>JAMA Ophthalmology</i> , 2020, 138, 894.	1.4	31
20	Characterization and pharmacologic targeting of EZH2, a fetal retinal protein and epigenetic regulator, in human retinoblastoma. <i>Laboratory Investigation</i> , 2015, 95, 1278-1290.	1.7	26
21	Postnatal onset of retinal degeneration by loss of embryonic Ezh2 repression of Six1. <i>Scientific Reports</i> , 2016, 6, 33887.	1.6	26
22	Multimodal Imaging and Functional Testing in a North Carolina Macular Disease Family: Toxoplasmosis, Fovea Plana, and Torpedo Maculopathy Are Phenocopies. <i>Ophthalmology Retina</i> , 2019, 3, 607-614.	1.2	24
23	Using Social Media to Disseminate Ophthalmic Information during the #COVID19 Pandemic. <i>Ophthalmology</i> , 2020, 127, e75-e78.	2.5	23
24	Enhanced Depth Imaging Spectral-Domain Optical Coherence Tomography Findings in Sclerochoroidal Calcification. <i>Retina</i> , 2012, 32, 1226-1227.	1.0	22
25	Surgical Skill and Complication Rates after Bariatric Surgery. <i>New England Journal of Medicine</i> , 2014, 370, 285-285.	13.9	19
26	Efficient Serum-Free Derivation of Oligodendrocyte Precursors from Neural Stem Cell-Enriched Cultures. <i>Stem Cells</i> , 2009, 27, 116-125.	1.4	17
27	EZH2, Proliferation Rate, and Aggressive Tumor Subtypes in Cutaneous Basal Cell Carcinoma. <i>JAMA Oncology</i> , 2016, 2, 962.	3.4	17
28	p53 Integrates Temporal WDR5 Inputs during Neuroectoderm and Mesoderm Differentiation of Mouse Embryonic Stem Cells. <i>Cell Reports</i> , 2020, 30, 465-480.e6.	2.9	17
29	ENHANCED DEPTH IMAGING FEATURES OF A CHOROIDAL MACROVESSEL. <i>Retinal Cases and Brief Reports</i> , 2016, 10, 18-21.	0.3	15
30	Stem Cells for Retinal Disease: A Perspective on the Promise and Perils. <i>American Journal of Ophthalmology</i> , 2017, 179, 32-38.	1.7	15
31	Coronavirus-19-Associated Retinopathy. <i>Ocular Immunology and Inflammation</i> , 2021, 29, 675-676.	1.0	15
32	Epigenetic regulation of retinal development and disease. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2011, 4, 121-136.	0.2	13
33	Enhanced Depth Imaging Spectral-Domain Optical Coherence Tomography Findings in Choroidal Neurofibromatosis. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2014, 45, 466-468.	0.4	12
34	Memory Enhancement and Deep-Brain Stimulation of the Entorhinal Area. <i>New England Journal of Medicine</i> , 2012, 366, 1945-1946.	13.9	11
35	Cell and Gene Therapy. <i>Developments in Ophthalmology</i> , 2014, 53, 167-177.	0.1	10
36	Cystoid macular edema associated with chemotherapy. <i>Cmaj</i> , 2016, 188, 216-216.	0.9	10

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37	The endangered physician-scientist and COVID-19. <i>Cell Reports Medicine</i> , 2021, 2, 100190.	3.3	10
38	Gene Expression Profiling and Regression Rate of Irradiated Uveal Melanomas. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2015, 46, 333-337.	0.4	10
39	Diabetic Retinopathy. <i>New England Journal of Medicine</i> , 2012, 367, 184-184.	13.9	9
40	Valsalva Retinopathy. <i>New England Journal of Medicine</i> , 2014, 370, e13.	13.9	9
41	Choroidal Metastases From EML4-ALK ⁺ Positive Non-Small-Cell Lung Adenocarcinoma. <i>Journal of Clinical Oncology</i> , 2015, 33, e112-e114.	0.8	8
42	Valsalva hemorrhagic retinopathy presenting as a rare cause of impaired vision after a general anesthetic—a case report and review of the literature. <i>Journal of Clinical Anesthesia</i> , 2015, 27, 341-346.	0.7	8
43	Bullseye Retinopathy from Antiretroviral Therapy. <i>Ophthalmology</i> , 2017, 124, 1539.	2.5	8
44	Epigenetic markers in basal cell carcinoma: universal themes in oncogenesis and tumor stratification? - a short report. <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 693-698.	2.1	8
45	Amantadine for Severe Traumatic Brain Injury. <i>New England Journal of Medicine</i> , 2012, 366, 2427-2428.	13.9	6
46	Comparative Molecular Analysis of Primary Central Nervous System Lymphomas and Matched Vitreoretinal Lymphomas by Vitreous Liquid Biopsy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9992.	1.8	6
47	Multimodal Ultrawide-Field Imaging Features in Waardenburg Syndrome. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2015, 46, 670-673.	0.4	6
48	An Epigenetic Approach Toward Understanding Ocular \pm -Herpesvirus Pathogenesis and Treatment. <i>International Ophthalmology Clinics</i> , 2011, 51, 117-133.	0.3	5
49	Ocular tuberculosis masquerading as a tumor. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 924.	4.6	5
50	Sustaining Independent Careers in Vision Research: Demographics and Success in Second R01 Attainment Among Clinician-Scientists from 1985 to 2019. <i>Translational Vision Science and Technology</i> , 2020, 9, 32.	1.1	5
51	OCTA: A Practical Method of Image Averaging Using Adobe Photoshop Software. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2019, 50, 802-807.	0.4	5
52	Unilateral sporadic retinal dysplasia: Results of histopathologic, immunohistochemical, chromosomal, genetic, and VEGF-A analyses. <i>Journal of AAPOS</i> , 2011, 15, 579-586.	0.2	4
53	Retinal Detachment and Fluoroquinolones. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 233.	3.8	4
54	p53 inactivation unmasks histone methylation-independent WDR5 functions that drive self-renewal and differentiation of pluripotent stem cells. <i>Stem Cell Reports</i> , 2021, 16, 2642-2658.	2.3	4

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55	Shortening Medical Education. JAMA - Journal of the American Medical Association, 2012, 308, 133.	3.8	3
56	Silicone Oil Retention Sutures for Retinal Detachment Repair Following Traumatic Aniridia, Aphakia, and Ruptured Globe. JAMA Ophthalmology, 2015, 133, e151433.	1.4	3
57	A Red and Swollen Eyelid. JAMA Oncology, 2015, 1, 537.	3.4	3
58	A christmas tree cataract. Canadian Journal of Ophthalmology, 2016, 51, e160-e161.	0.4	3
59	Ubiquitous Chromatin Modifiers in Congenital Retinal Diseases: Implications for Disease Modeling and Regenerative Medicine. Trends in Molecular Medicine, 2021, 27, 365-378.	3.5	3
60	Research Funding, Income, and Career Satisfaction Among Clinician-Scientists in Ophthalmology in the United States. American Journal of Ophthalmology, 2021, 227, 254-264.	1.7	3
61	Retinal haemorrhage as a complication of blastic plasmacytoid dendritic cell neoplasm. Lancet Haematology, the, 2021, 8, e670.	2.2	3
62	The eyeball's connected to the brain ball. Cell Stem Cell, 2021, 28, 1675-1677.	5.2	3
63	The Targetable Epigenetic Tumor Protein EZH2 is Enriched in Intraocular Medulloepithelioma. , 2016, 57, 6242-6246.		3
64	Re: Bressler et al.: Factors associated with worsening proliferative diabetic retinopathy in eyes treated with panretinal photocoagulation or ranibizumab (Ophthalmology . 2017;124:431-439). Ophthalmology, 2017, 124, e87-e88.	2.5	2
65	Nystagmus and Platinum Hair. JAMA - Journal of the American Medical Association, 2018, 319, 399.	3.8	2
66	Molecular Characterization of a Rare Case of Bilateral Vitreoretinal T Cell Lymphoma through Vitreous Liquid Biopsy. International Journal of Molecular Sciences, 2021, 22, 6099.	1.8	2
67	The Clinician-Scientist in Vision Science: A Rare and Endangered Species. Translational Vision Science and Technology, 2021, 10, 30.	1.1	2
68	Exposure to Fireworks and Eye Injuries. JAMA - Journal of the American Medical Association, 2012, 308, 1523.	3.8	1
69	Regression of iris neovascularisation secondary to diabetic retinopathy with subconjunctival anti-VEGF therapy. Lancet Diabetes and Endocrinology, the, 2014, 2, 182.	5.5	1
70	Iris Heterochromia and Unilateral Eyelash Hypertrichosis. JAMA - Journal of the American Medical Association, 2015, 313, 1967.	3.8	1
71	A brushfire in the eye. BMJ, The, 2016, 353, i3075.	3.0	1
72	Cataractous mountain on the corneal horizon: Swept-source optical coherence tomography. Journal of Cataract and Refractive Surgery, 2016, 42, 1097.	0.7	1

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73	Vitreous Invasion: Neovascular Frond in Proliferative Diabetic Retinopathy. <i>Ophthalmology</i> , 2016, 123, 2625.	2.5	1
74	Growth Hormone Deficiency, Basal Encephalocele, and Morning Glory Anomaly. <i>Ophthalmology</i> , 2017, 124, 1531.	2.5	1
75	A Flushed Face and Dilated Retinal Veins. <i>JAMA Ophthalmology</i> , 2018, 136, 1414.	1.4	1
76	Correspondence. <i>Retina</i> , 2020, 40, e5-e5.	1.0	1
77	A pigmented lesion on the eye. <i>BMJ, The</i> , 2020, 368, l6810.	3.0	1
78	A novel PGC α isoform induced by resistance training regulates skeletal muscle hypertrophy. <i>FASEB Journal</i> , 2013, 27, 940.18.	0.2	1
79	p53 Coordinates Temporal WDR5 Inputs During Neuroectoderm and Mesoderm Differentiation of Mouse Embryonic Stem Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
80	Central Retinal Artery Occlusion With 2 Cilioretinal Arteries. <i>JAMA Ophthalmology</i> , 2021, 139, e214059.	1.4	1
81	Decreased Vision Following Eye Trauma. <i>JAMA - Journal of the American Medical Association</i> , 2011, 306, 2606.	3.8	0
82	Fracture Risk After Cataract Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 2185.	3.8	0
83	Shimmering Lights. <i>JAMA Ophthalmology</i> , 2014, 132, 1015.	1.4	0
84	Stem Cells and Cardiovascular Drug Development. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 1070.	3.8	0
85	Subconjunctival bevacizumab for iris neovascularisation – Authors' reply. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 450-451.	5.5	0
86	Hypometabolic Lateral Recti Due to Bilateral Cranial Nerve VI Palsy. <i>JAMA Ophthalmology</i> , 2015, 133, e151490.	1.4	0
87	Correspondence. <i>Retina</i> , 2016, 36, e2-e3.	1.0	0
88	Seeing Through Walls: Subhyaloid Hemorrhage. <i>Ophthalmology</i> , 2016, 123, 1172.	2.5	0
89	In the Fold of a Macular Hole. <i>Ophthalmology</i> , 2016, 123, 1998.	2.5	0
90	An Iris Tumor. <i>JAMA Ophthalmology</i> , 2016, 134, 1063.	1.4	0

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91	Widefield Swept-Source OCT of Retinal Capillary Hemangioblastoma. <i>Ophthalmology Retina</i> , 2017, 1, 321.	1.2	0
92	Acute-on-Chronic: Retinal Artery Occlusion Following Retinal Vein Occlusion. <i>Ophthalmology</i> , 2017, 124, 1142.	2.5	0
93	Bilateral Choroidal Metastases from Pancreatic Adenocarcinoma. <i>Ophthalmology</i> , 2017, 124, 1825.	2.5	0
94	Internal Limiting Membrane Peeling in Macula-off Retinal Detachment Complicated by Grade B Proliferative Vitreoretinopathy. <i>American Journal of Ophthalmology</i> , 2018, 196, 212-213.	1.7	0
95	Unilateral retinopathy in a patient with diabetes and coronary heart disease. <i>BMJ: British Medical Journal</i> , 2018, 361, k1703.	2.4	0
96	Success in Attaining Independent Funding Among National Institutes of Health K Grant Awardees in Ophthalmology. <i>JAMA Ophthalmology</i> , 2019, 137, 720.	1.4	0
97	The Diagnostic Conundrum of Retinitis and a Pigmented Scar. <i>Case Reports in Ophthalmology</i> , 2021, 12, 164-168.	0.3	0
98	Assessing patient perception of risk in ocular stem cell therapies. <i>Stem Cell Reports</i> , 2021, 16, 2415-2421.	2.3	0
99	Alternatives to embryonic stem cells and cloning: a brief scientific overview. <i>Yale Journal of Health Policy, Law, and Ethics</i> , 2009, 9 Suppl, 603-22.	1.5	0