

Rajesh C Rao

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94
papers

1,289
citations

18
h-index

34
g-index

100
ext. papers

1,659
ext. citations

11.5
avg, IF

5.05
L-index

#	Paper	IF	Citations
94	Hijacked in cancer: the KMT2 (MLL) family of methyltransferases. <i>Nature Reviews Cancer</i> , 2015 , 15, 334-461	51.3	307
93	Autograft-derived spinal cord mass following olfactory mucosal cell transplantation in a spinal cord injury patient: Case report. <i>Journal of Neurosurgery: Spine</i> , 2014 , 21, 618-22	2.8	122
92	Advancing therapeutic strategies for inherited retinal degeneration: recommendations from the Monaciano Symposium. <i>Investigative Ophthalmology and Visual Science</i> , 2015 , 56, 918-31		63
91	Ultra-Widefield Steering-Based Spectral-Domain Optical Coherence Tomography Imaging of the Retinal Periphery. <i>Ophthalmology</i> , 2016 , 123, 1368-74	7.3	49
90	Next generation sequencing of vitreoretinal lymphomas from small-volume intraocular liquid biopsies: new routes to targeted therapies. <i>Oncotarget</i> , 2017 , 8, 7989-7998	3.3	45
89	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, 685-97	9.8	43
88	MLL1 Inhibition Reprograms Epiblast Stem Cells to Naive Pluripotency. <i>Cell Stem Cell</i> , 2016 , 18, 481-94	18	38
87	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, 801-5	4	38
86	Mechanisms and management of retinopathy of prematurity. <i>New England Journal of Medicine</i> , 2013 , 368, 1162-3	59.2	33
85	Internal limiting membrane peeling for primary rhegmatogenous retinal detachment repair. <i>Ophthalmology</i> , 2013 , 120, 1102-3.e1-2	7.3	32
84	Acute ocriplasmin retinopathy. <i>Retina</i> , 2015 , 35, 1055-8	3.6	32
83	Dynamic patterns of histone lysine methylation in the developing retina 2010 , 51, 6784-92		32
82	PRDM16 Suppresses MLL1r Leukemia via Intrinsic Histone Methyltransferase Activity. <i>Molecular Cell</i> , 2016 , 62, 222-236	17.6	32
81	Advancing Clinical Trials for Inherited Retinal Diseases: Recommendations from the Second Monaciano Symposium. <i>Translational Vision Science and Technology</i> , 2020 , 9, 2	3.3	28
80	Safety and Feasibility of Quantitative Multiplexed Cytokine Analysis From Office-Based Vitreous Aspiration 2016 , 57, 3017-23		25
79	Disease Course in Patients With Pentosan Polysulfate Sodium-Associated Maculopathy After Drug Cessation. <i>JAMA Ophthalmology</i> , 2020 , 138, 894-900	3.9	20
78	Patient Perceptions of SARS-CoV-2 Exposure Risk and Association With Continuity of Ophthalmic Care. <i>JAMA Ophthalmology</i> , 2021 , 139, 508-515	3.9	20

77	Postnatal onset of retinal degeneration by loss of embryonic Ezh2 repression of Six1. <i>Scientific Reports</i> , 2016 , 6, 33887	4.9	19
76	Characterization and pharmacologic targeting of EZH2, a fetal retinal protein and epigenetic regulator, in human retinoblastoma. <i>Laboratory Investigation</i> , 2015 , 95, 1278-90	5.9	17
75	Enhanced depth imaging spectral-domain optical coherence tomography findings in sclerochoroidal calcification. <i>Retina</i> , 2012 , 32, 1226-7	3.6	17
74	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	3.8	16
73	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	9.8	15
72	Efficient serum-free derivation of oligodendrocyte precursors from neural stem cell-enriched cultures. <i>Stem Cells</i> , 2009 , 27, 116-25	5.8	14
71	Stem Cells for Retinal Disease: A Perspective on the Promise and Perils. <i>American Journal of Ophthalmology</i> , 2017 , 179, 32-38	4.9	11
70	Surgical skill and complication rates after bariatric surgery. <i>New England Journal of Medicine</i> , 2014 , 370, 285	59.2	11
69	EZH2, Proliferation Rate, and Aggressive Tumor Subtypes in Cutaneous Basal Cell Carcinoma. <i>JAMA Oncology</i> , 2016 , 2, 962-3	13.4	11
68	Enhanced depth imaging spectral-domain optical coherence tomography findings in choroidal neurofibromatosis. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2014 , 45, 466-8	1.4	10
67	Images in clinical medicine. Valsalva retinopathy. <i>New England Journal of Medicine</i> , 2014 , 370, e13	59.2	9
66	Epigenetic regulation of retinal development and disease. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2011 , 4, 121-36		9
65	Gene expression profiling and regression rate of irradiated uveal melanomas. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2015 , 46, 333-7	1.4	9
64	ENHANCED DEPTH IMAGING FEATURES OF A CHOROIDAL MACROVESSEL. <i>Retinal Cases and Brief Reports</i> , 2016 , 10, 18-21	1.1	9
63	Cell and gene therapy. <i>Developments in Ophthalmology</i> , 2014 , 53, 167-77		8
62	Memory enhancement and deep-brain stimulation of the entorhinal area. <i>New England Journal of Medicine</i> , 2012 , 366, 1945; author reply 1946	59.2	8
61	Cystoid macular edema associated with chemotherapy. <i>Cmaj</i> , 2016 , 188, 216	3.5	7
60	p53 Integrates Temporal WDR5 Inputs during Neuroectoderm and Mesoderm Differentiation of Mouse Embryonic Stem Cells. <i>Cell Reports</i> , 2020 , 30, 465-480.e6	10.6	7

59	Bullseye Retinopathy from Antiretroviral Therapy. <i>Ophthalmology</i> , 2017 , 124, 1539	7.3	7
58	Choroidal Metastases From EML4-ALK-Positive Non-Small-Cell Lung Adenocarcinoma. <i>Journal of Clinical Oncology</i> , 2015 , 33, e112-4	2.2	7
57	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, 341-6	1.9	6
56	Ocular tuberculosis masquerading as a tumor. <i>Lancet Infectious Diseases</i> , 2018 , 18, 924	25.5	5
55	An epigenetic approach toward understanding ocular Herpesvirus pathogenesis and treatment. <i>International Ophthalmology Clinics</i> , 2011 , 51, 117-33	1.7	5
54	Amantadine for severe traumatic brain injury. <i>New England Journal of Medicine</i> , 2012 , 366, 2427; author reply 2427-8	59.2	5
53	Diabetic retinopathy. <i>New England Journal of Medicine</i> , 2012 , 367, 184	59.2	5
52	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	7.2	5
51	Unilateral sporadic retinal dysplasia: results of histopathologic, immunohistochemical, chromosomal, genetic, and VEGF-A analyses. <i>Journal of AAPOS</i> , 2011 , 15, 579-86	1.3	4
50	Retinal detachment and fluoroquinolones. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 233-4; author reply 235-6	27.4	4
49	OCTA: A Practical Method of Image Averaging Using Adobe Photoshop Software. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2019 , 50, 802-807	1.4	4
48	Silicone Oil Retention Sutures for Retinal Detachment Repair Following Traumatic Aniridia, Aphakia, and Ruptured Globe. <i>JAMA Ophthalmology</i> , 2015 , 133, e151433	3.9	3
47	A Red and Swollen Eyelid. Breast carcinoma metastasis to left lacrimal gland. <i>JAMA Oncology</i> , 2015 , 1, 537-8	13.4	3
46	The Targetable Epigenetic Tumor Protein EZH2 is Enriched in Intraocular Medulloepithelioma 2016 , 57, 6242-6246		3
45	Multimodal Ultrawide-Field Imaging Features in Waardenburg Syndrome. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2015 , 46, 670-3	1.4	3
44	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	3.3	3
43	Nystagmus and Platinum Hair. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 399-400	27.4	2
42	Re: Bressler et al.: Factors associated with worsening proliferative diabetic retinopathy in eyes treated with panretinal photocoagulation or ranibizumab (<i>Ophthalmology</i> . 2017;124:431-439). <i>Ophthalmology</i> , 2017 , 124, e87-e88	7.3	2

41	Shortening medical education. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 133-4; author reply 136	27.4	2
40	Ubiquitous Chromatin Modifiers in Congenital Retinal Diseases: Implications for Disease Modeling and Regenerative Medicine. <i>Trends in Molecular Medicine</i> , 2021 , 27, 365-378	11.5	2
39	Growth Hormone Deficiency, Basal Encephalocele, and Morning Glory Anomaly. <i>Ophthalmology</i> , 2017 , 124, 1531	7.3	1
38	Vitreous Invasion: Neovascular Frond in Proliferative Diabetic Retinopathy. <i>Ophthalmology</i> , 2016 , 123, 2625	7.3	1
37	Regression of iris neovascularisation secondary to diabetic retinopathy with subconjunctival anti-VEGF therapy. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 182	18.1	1
36	Exposure to fireworks and eye injuries. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 1523-4; author reply 1524	27.4	1
35	Central Retinal Artery Occlusion With 2 Cilioretinal Arteries. <i>JAMA Ophthalmology</i> , 2021 , 139, e214059	3.9	1
34	A novel PGC-1 α isoform induced by resistance training regulates skeletal muscle hypertrophy. <i>FASEB Journal</i> , 2013 , 27, 940.18	0.9	1
33	Coronavirus-19-Associated Retinopathy. <i>Ocular Immunology and Inflammation</i> , 2021 , 29, 675-676	2.8	1
32	Molecular Characterization of a Rare Case of Bilateral Vitreoretinal T Cell Lymphoma through Vitreous Liquid Biopsy. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
31	Research Funding, Income, and Career Satisfaction Among Clinician-Scientists in Ophthalmology in the United States. <i>American Journal of Ophthalmology</i> , 2021 , 227, 254-264	4.9	1
30	A brushfire in the eye. <i>BMJ, The</i> , 2016 , 353, i3075	5.9	1
29	A christmas tree cataract. <i>Canadian Journal of Ophthalmology</i> , 2016 , 51, e160-e161	1.4	1
28	Cataractous mountain on the corneal horizon: Swept-source optical coherence tomography. <i>Journal of Cataract and Refractive Surgery</i> , 2016 , 42, 1097	2.3	1
27	A Flushed Face and Dilated Retinal Veins. <i>JAMA Ophthalmology</i> , 2018 , 136, 1414-1415	3.9	1
26	The Clinician-Scientist in Vision Science: A Rare and Endangered Species. <i>Translational Vision Science and Technology</i> , 2021 , 10, 30	3.3	1
25	A pigmented lesion on the eye. <i>BMJ, The</i> , 2020 , 368, l6810	5.9	0
24	Iris heterochromia and unilateral eyelash hypertrichosis. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1967-8	27.4	0

23	The eyeball is connected to the brain ball. <i>Cell Stem Cell</i> , 2021 , 28, 1675-1677	18	o
22	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	8	o
21	Retinal haemorrhage as a complication of blastic plasmacytoid dendritic cell neoplasm. <i>Lancet Haematology</i> , 2021 , 8, e670	14.6	o
20	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,	6.3	o
19	Success in Attaining Independent Funding Among National Institutes of Health K Grant Awardees in Ophthalmology. <i>JAMA Ophthalmology</i> , 2019 , 137, 720	3.9	
18	Correspondence. <i>Retina</i> , 2020 , 40, e5	3.6	
17	Unilateral retinopathy in a patient with diabetes and coronary heart disease. <i>BMJ, The</i> , 2018 , 361, k1703	5.9	
16	Subconjunctival bevacizumab for iris neovascularisation - Authors Reply. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 450-1	18.1	
15	Widefield Swept-Source OCT of Retinal Capillary Hemangioblastoma. <i>Ophthalmology Retina</i> , 2017 , 1, 321	3.8	
14	Acute-on-Chronic: Retinal Artery Occlusion Following Retinal Vein Occlusion. <i>Ophthalmology</i> , 2017 , 124, 1142	7.3	
13	Bilateral Choroidal Metastases from Pancreatic Adenocarcinoma. <i>Ophthalmology</i> , 2017 , 124, 1825	7.3	
12	Hypometabolic Lateral Recti Due to Bilateral Cranial Nerve VI Palsy. <i>JAMA Ophthalmology</i> , 2015 , 133, e151490	3.9	
11	Shimmering lights. <i>JAMA Ophthalmology</i> , 2014 , 132, 1015-6	3.9	
10	Stem cells and cardiovascular drug development. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 1070	27.4	
9	Decreased vision following eye trauma. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 2606-7	27.4	
8	The Diagnostic Conundrum of Retinitis and a Pigmented Scar. <i>Case Reports in Ophthalmology</i> , 2021 , 12, 164-168	0.7	
7	Correspondence. <i>Retina</i> , 2016 , 36, e2-3	3.6	
6	Seeing Through Walls: Subhyaloid Hemorrhage. <i>Ophthalmology</i> , 2016 , 123, 1172	7.3	

- 5 In the Fold of a Macular Hole. *Ophthalmology*, **2016**, 123, 1998 7-3
- 4 An Iris Tumor. *JAMA Ophthalmology*, **2016**, 134, 1063-4 3-9
- 3 Internal Limiting Membrane Peeling in Macula-off Retinal Detachment Complicated by Grade B Proliferative Vitreoretinopathy. *American Journal of Ophthalmology*, **2018**, 196, 212-213 4-9
- 2 Assessing patient perception of risk in ocular stem cell therapies. *Stem Cell Reports*, **2021**, 16, 2415-24218
- 1 Alternatives to embryonic stem cells and cloning: a brief scientific overview. *Yale Journal of Health Policy, Law, and Ethics*, **2009**, 9 Suppl, 603-22