

Rajendra S Apte

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

5,167
citations

201674

27
h-index

155660

55
g-index

65
all docs

65
docs citations

65
times ranked

8321
citing authors

#	ARTICLE	IF	CITATIONS
1	Dexamethasone implant improves anatomic response to anti-VEGF therapy in treatment-resistant polypoidal choroidal vasculopathy. <i>International Ophthalmology</i> , 2022, 42, 1263-1272.	1.4	3
2	NAD+ boosting brings tears to aging eyes. <i>Nature Aging</i> , 2022, 2, 97-99.	11.6	2
3	EML1 is essential for retinal photoreceptor migration and survival. <i>Scientific Reports</i> , 2022, 12, 2897.	3.3	2
4	Serum Cholesterol Efflux Capacity in Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy. <i>Ophthalmology Science</i> , 2022, , 100142.	2.5	0
5	Longitudinal Growth Differentiation Factor 15 (GDF15) and Long-term Intraocular Pressure Fluctuation in Glaucoma: A Pilot Study. <i>Journal of Ophthalmic and Vision Research</i> , 2021, 16, 21-27.	1.0	0
6	Loss of Mir146b with aging contributes to inflammation and mitochondrial dysfunction in thioglycollate-elicited peritoneal macrophages. <i>ELife</i> , 2021, 10, .	6.0	6
7	Age-Related Macular Degeneration. <i>New England Journal of Medicine</i> , 2021, 385, 539-547.	27.0	65
8	Optical Coherence Tomography Angiography: A Window into Central Nervous System Neurodegeneration. <i>Trends in Molecular Medicine</i> , 2020, 26, 892-895.	6.7	7
9	Sourcing Photoreceptor-like Cells for Treating Vision Loss. <i>New England Journal of Medicine</i> , 2020, 383, 1888-1890.	27.0	0
10	HSV-1 and Zika Virus but Not SARS-CoV-2 Replicate in the Human Cornea and Are Restricted by Corneal Type III Interferon. <i>Cell Reports</i> , 2020, 33, 108339.	6.4	41
11	SARM1 depletion rescues NMNAT1-dependent photoreceptor cell death and retinal degeneration. <i>ELife</i> , 2020, 9, .	6.0	56
12	Macrophage Plasticity and Function in the Eye and Heart. <i>Trends in Immunology</i> , 2019, 40, 825-841.	6.8	38
13	Extracellular Vesicle-Contained eNAMPT Delays Aging and Extends Lifespan in Mice. <i>Cell Metabolism</i> , 2019, 30, 329-342.e5.	16.2	239
14	Visualizing the Heterogeneity of Retinal Microglia. <i>Immunity</i> , 2019, 50, 544-546.	14.3	7
15	VEGF in Signaling and Disease: Beyond Discovery and Development. <i>Cell</i> , 2019, 176, 1248-1264.	28.9	1,468
16	Combined SIRT3 and SIRT5 deletion is associated with inner retinal dysfunction in a mouse model of type 1 diabetes. <i>Scientific Reports</i> , 2019, 9, 3799.	3.3	23
17	SURGICAL OUTCOMES AFTER INVERTED INTERNAL LIMITING MEMBRANE FLAP VERSUS CONVENTIONAL PEELING FOR VERY LARGE MACULAR HOLES. <i>Retina</i> , 2019, 39, 1465-1469.	1.7	44
18	Electrophilic properties of itaconate and derivatives regulate the ATF3 inflammatory axis. <i>Nature</i> , 2018, 556, 501-504.	27.8	438

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19	Anti-VEGF Vascular Endothelial Growth Factor Therapy in Diabetic Macular Edema. JAMA Ophthalmology, 2018, 136, 269.	2.5	1
20	Inflammation-Induced Photoreceptor Cell Death. Advances in Experimental Medicine and Biology, 2018, 1074, 203-208.	1.6	18
21	Role of Sirtuins in Retinal Function Under Basal Conditions. Advances in Experimental Medicine and Biology, 2018, 1074, 561-567.	1.6	10
22	Gene Therapy for Retinal Degeneration. Cell, 2018, 173, 5.	28.9	58
23	Impaired monocyte cholesterol clearance initiates age-related retinal degeneration and vision loss. JCI Insight, 2018, 3, .	5.0	42
24	WNT7A/B promote choroidal neovascularization. Experimental Eye Research, 2018, 174, 107-112.	2.6	12
25	No Bad Blood. Ophthalmology Retina, 2018, 2, 1082-1083.	2.4	0
26	NAD ⁺ -dependent deacetylase SIRT3 in adipocytes is dispensable for maintaining normal adipose tissue mitochondrial function and whole body metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E520-E530.	3.5	33
27	NAD ⁺ and sirtuins in retinal degenerative diseases: A look at future therapies. Progress in Retinal and Eye Research, 2018, 67, 118-129.	15.5	24
28	Oxysterol Signatures Distinguish Age-Related Macular Degeneration from Physiologic Aging. EBioMedicine, 2018, 32, 9-20.	6.1	23
29	Hydroxychloroquine-induced retinal toxicity in systemic lupus erythematosus. Indian Journal of Ophthalmology, 2018, 66, 1861.	1.1	3
30	Preoperative electrophysiological characterization of patients with primary macula-involving rhegmatogenous retinal detachment. Journal of Ophthalmic and Vision Research, 2018, 13, 241.	1.0	3
31	Tyrosine Kinase Inhibitors in Age-Related Macular Degeneration. JAMA Ophthalmology, 2017, 135, 767.	2.5	3
32	Mechanisms of a Serous Complication. JAMA Ophthalmology, 2017, 135, 413.	2.5	9
33	Anti-VEGF Injections and Glaucoma Surgery. JAMA Ophthalmology, 2017, 135, 368.	2.5	3
34	Plasma lipoprotein subfraction concentrations are associated with lipid metabolism and age-related macular degeneration. Journal of Lipid Research, 2017, 58, 1785-1796.	4.2	22
35	Short-Wavelength Light-Blocking Eyeglasses Attenuate Symptoms of Eye Fatigue. , 2017, 58, 442.		66
36	Zika Virus Infection in Mice Causes Panuveitis with Shedding of Virus in Tears. Cell Reports, 2016, 16, 3208-3218.	6.4	243

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37	NAMPT-Mediated NAD ⁺ Biosynthesis Is Essential for Vision In Mice. <i>Cell Reports</i> , 2016, 17, 69-85.	6.4	150
38	Impaired autophagy in macrophages promotes inflammatory eye disease. <i>Autophagy</i> , 2016, 12, 1876-1885.	9.1	58
39	Long-Term Administration of Nicotinamide Mononucleotide Mitigates Age-Associated Physiological Decline in Mice. <i>Cell Metabolism</i> , 2016, 24, 795-806.	16.2	552
40	A glimpse at the aging eye. <i>Npj Aging and Mechanisms of Disease</i> , 2016, 2, 16003.	4.5	53
41	Targeting Tissue Lipids in Age-related Macular Degeneration. <i>EBioMedicine</i> , 2016, 5, 26-27.	6.1	19
42	Seeing through thick and through thin: Retinal manifestations of thrombophilic and hyperviscosity syndromes. <i>Survey of Ophthalmology</i> , 2016, 61, 236-247.	4.0	27
43	What Is Chronic or Persistent Diabetic Macular Edema and How Should It Be Treated?. <i>JAMA Ophthalmology</i> , 2016, 134, 285.	2.5	12
44	A systematic review of as needed versus treat and extend ranibizumab or bevacizumab treatment regimens for neovascular age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2016, 100, 914-917.	3.9	98
45	Full thickness macular hole case after intravitreal aflibercept treatment. <i>BMC Ophthalmology</i> , 2015, 15, 30.	1.4	32
46	IL10-driven STAT3 signalling in senescent macrophages promotes pathological eye angiogenesis. <i>Nature Communications</i> , 2015, 6, 7847.	12.8	155
47	Seeing through VEGF: innate and adaptive immunity in pathological angiogenesis in the eye. <i>Trends in Molecular Medicine</i> , 2015, 21, 43-51.	6.7	107
48	Combined epiretinal and internal limiting membrane peeling facilitated by high dilution indocyanine green negative staining. <i>Journal of Ophthalmic and Vision Research</i> , 2015, 10, 495.	1.0	2
49	SIRT6 Is Required for Normal Retinal Function. <i>PLoS ONE</i> , 2014, 9, e98831.	2.5	46
50	Visual Cycle Suppression via Patching in Central Serous Chorioretinopathy. <i>Ophthalmology</i> , 2014, 121, 2502-2504.e1.	5.2	6
51	Eyeballing cholesterol efflux and macrophage function in disease pathogenesis. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 107-114.	7.1	42
52	Regression of iris neovascularisation secondary to diabetic retinopathy with subconjunctival anti-VEGF therapy. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 182.	11.4	1
53	Subconjunctival bevacizumab for iris neovascularisation – Authors' reply. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 450-451.	11.4	0
54	Impaired Cholesterol Efflux in Senescent Macrophages Promotes Age-Related Macular Degeneration. <i>Cell Metabolism</i> , 2013, 17, 549-561.	16.2	212

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55	AN OBSERVATIONAL RETROSPECTIVE SUBGROUP ANALYSIS OF VERTEPORFIN PHOTODYNAMIC THERAPYâ€“NAIVE AND PREVIOUSLY TREATED PATIENTS IN THE FOCUS TRIAL. <i>Retina</i> , 2011, 31, 56-64.	1.7	1
56	Regulation of Angiogenesis by Macrophages. <i>Advances in Experimental Medicine and Biology</i> , 2010, 664, 15-19.	1.6	33
57	Pegaptanib sodium for the treatment of age-related macular degeneration. <i>Expert Opinion on Pharmacotherapy</i> , 2008, 9, 499-508.	1.8	46
58	An assay for macrophage-mediated regulation of endothelial cell proliferation. <i>Immunobiology</i> , 2008, 213, 695-699.	1.9	4
59	Retinal pigment epithelial tear after intravitreal ranibizumab for subfoveal CNV secondary to AMD. <i>International Ophthalmology</i> , 2007, 27, 59-61.	1.4	15
60	Senescence regulates macrophage activation and angiogenic fate at sites of tissue injury in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3421-3426.	8.2	201
61	Macrophages Inhibit Neovascularization in a Murine Model of Age-Related Macular Degeneration. <i>PLoS Medicine</i> , 2006, 3, e310.	8.4	211
62	Stimulation of Neovascularization by the Anti-angiogenic Factor PEDF. , 2004, 45, 4491.		71