

# Puneet Agarwal

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,098  
citations

489802

18  
h-index

488211

31  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnesium acetyltaurate prevents retinal damage and visual impairment in rats through suppression of NMDA-induced upregulation of NF- $\kappa$ B, p53 and AP-1 (c-Jun/c-Fos). <i>Neural Regeneration Research</i> , 2021, 16, 2330.	1.6	11
2	Tackling retinal ganglion cell apoptosis in glaucoma: role of adenosine receptors. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 585-596.	1.5	3
3	Neuroprotective effects of brain-derived neurotrophic factor against amyloid beta 1-40-induced retinal and optic nerve damage. <i>European Journal of Neuroscience</i> , 2020, 51, 2394-2411.	1.2	18
4	Targeting the BDNF/TrkB pathway for the treatment of amyloid beta 1-40-induced neurodegeneration: Focus on ocular manifestations of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e037073.	0.4	0
5	Magnesium acetyltaurate protects against endothelin-1 induced RGC loss by reducing neuroinflammation in Sprague dawley rats. <i>Experimental Eye Research</i> , 2020, 194, 107996.	1.2	13
6	Prevalence and factors associated with irritable bowel syndrome among medical students in a Malaysian private university: a cross sectional study. <i>Pan African Medical Journal</i> , 2020, 37, 151.	0.3	4
7	Dose-dependent effects of NMDA on retinal and optic nerve morphology in rats. <i>International Journal of Ophthalmology</i> , 2019, 12, 746-753.	0.5	14
8	Dose-Dependent Effects of Endothelin-1 on Retinal and Optic Nerve Morphology in Sprague Dawley Rats. <i>Neurochemical Journal</i> , 2019, 13, 73-80.	0.2	4
9	Taurine protects against NMDA-induced retinal damage by reducing retinal oxidative stress. <i>Amino Acids</i> , 2019, 51, 641-646.	1.2	19
10	Antiapoptotic effect of taurine against NMDA-induced retinal excitotoxicity in rats. <i>NeuroToxicology</i> , 2019, 70, 62-71.	1.4	25
11	Effect of Magnesium Acetyltaurate and Taurine on Endothelin1-Induced Retinal Nitrosative Stress in Rats. <i>Current Eye Research</i> , 2018, 43, 1032-1040.	0.7	11
12	Time- and dose-related effects of amyloid beta1-40 on retina and optic nerve morphology in rats. <i>International Journal of Neuroscience</i> , 2018, 128, 952-965.	0.8	9
13	IOP lowering effect of topical trans-resveratrol involves adenosine receptors and TGF- $\beta$ 2 signaling pathways. <i>European Journal of Pharmacology</i> , 2018, 838, 1-10.	1.7	17
14	Trabecular meshwork ECM remodeling in glaucoma: could RAS be a target?. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 629-638.	1.5	21
15	Taurine protects against retinal and optic nerve damage induced by endothelin-1 in rats via antioxidant effects. <i>Neural Regeneration Research</i> , 2018, 13, 2014.	1.6	21
16	Protective effect of magnesium acetyltaurate and taurine against NMDA-induced retinal damage involves reduced nitrosative stress. <i>Molecular Vision</i> , 2018, 24, 495-508.	1.1	14
17	Rodent models of glaucoma and their applicability for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 261-270.	2.5	36
18	Targeting extracellular matrix remodeling in disease: Could resveratrol be a potential candidate?. <i>Experimental Biology and Medicine</i> , 2017, 242, 374-383.	1.1	17

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19	Neuroprotective Effect of Magnesium Acetyltaurate Against NMDA-Induced Excitotoxicity in Rat Retina. <i>Neurotoxicity Research</i> , 2017, 31, 31-45.	1.3	51
20	Protective effect of magnesium acetyltaurate against NMDA-induced retinal damage involves restoration of minerals and trace elements homeostasis. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 39, 147-154.	1.5	22
21	Liposomes in topical ophthalmic drug delivery: an update. <i>Drug Delivery</i> , 2016, 23, 1075-1091.	2.5	135
22	Topical trans-resveratrol ameliorates steroid-induced anterior and posterior segment changes in rats. <i>Experimental Eye Research</i> , 2016, 143, 9-16.	1.2	31
23	Intraocular distribution of topically applied hydrophilic and lipophilic substances in rat eyes. <i>Drug Delivery</i> , 2016, 23, 2765-2771.	2.5	13
24	Mechanism of the anticataract effect of liposomal MgT in galactose-fed rats. <i>Molecular Vision</i> , 2016, 22, 734-47.	1.1	7
25	Anterior and posterior segment changes in rat eyes with chronic steroid administration and their responsiveness to antiglaucoma drugs. <i>European Journal of Pharmacology</i> , 2015, 749, 73-80.	1.7	28
26	Early effect of hydroxychloroquine therapy: relationship between cumulative dose and retinal thickness. <i>Cutaneous and Ocular Toxicology</i> , 2015, 34, 179-184.	0.5	4
27	Role of adenosine receptors in resveratrol-induced intraocular pressure lowering in rats with steroid-induced ocular hypertension. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 54-66.	1.3	35
28	Aqueous humor TGF- $\beta$ 2 levels in patients with open-angle glaucoma: A meta-analysis. <i>Molecular Vision</i> , 2015, 21, 612-20.	1.1	62
29	Newer targets for modulation of intraocular pressure: focus on adenosine receptor signaling pathways. <i>Expert Opinion on Therapeutic Targets</i> , 2014, 18, 527-539.	1.5	18
30	Mechanisms of angiotensin converting enzyme inhibitor-induced IOP reduction in normotensive rats. <i>European Journal of Pharmacology</i> , 2014, 730, 8-13.	1.7	19
31	Pathogenetic role of magnesium deficiency in ophthalmic diseases. <i>BioMetals</i> , 2014, 27, 5-18.	1.8	39
32	Effects of magnesium taurate on the onset and progression of galactose-induced experimental cataract: In vivo and in vitro evaluation. <i>Experimental Eye Research</i> , 2013, 110, 35-43.	1.2	30
33	Mechanisms of cataractogenesis in the presence of magnesium deficiency. <i>Magnesium Research</i> , 2013, 26, 2-8.	0.4	22
34	Glaucomatous neurodegeneration: An eye on tumor necrosis factor-alpha. <i>Indian Journal of Ophthalmology</i> , 2012, 60, 255.	0.5	37
35	Magnesium deficiency: Does it have a role to play in cataractogenesis?. <i>Experimental Eye Research</i> , 2012, 101, 82-89.	1.2	25
36	Future Target Molecules in Antiglaucoma Therapy: TGF- $\beta$ 2 May Have a Role to Play. <i>Ophthalmic Research</i> , 2010, 43, 1-10.	1.0	26

#	ARTICLE	IF	CITATIONS
37	Current concepts in the pathophysiology of glaucoma. Indian Journal of Ophthalmology, 2009, 57, 257.	0.5	162
38	Therapeutic potential of <i>Curcuma longa</i> , the golden spice of India, in drug discovery for ophthalmic diseases. Expert Opinion on Drug Discovery, 2009, 4, 147-158.	2.5	6
39	The Anti-inflammatory Effects of <i>Curcuma longa</i> and <i>Berberis aristata</i> in Endotoxin-Induced Uveitis in Rabbits. , 2008, 49, 4036.		69