

Puneet Agarwal

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,098
citations

430874

18
h-index

434195

31
g-index

40
all docs

40
docs citations

40
times ranked

1478
citing authors

#	ARTICLE	IF	CITATIONS
1	Current concepts in the pathophysiology of glaucoma. <i>Indian Journal of Ophthalmology</i> , 2009, 57, 257.	1.1	162
2	Liposomes in topical ophthalmic drug delivery: an update. <i>Drug Delivery</i> , 2016, 23, 1075-1091.	5.7	135
3	The Anti-inflammatory Effects of <i>Curcuma longa</i> and <i>Berberis aristata</i> in Endotoxin-Induced Uveitis in Rabbits. , 2008, 49, 4036.		69
4	Aqueous humor TGF- β 2 levels in patients with open-angle glaucoma: A meta-analysis. <i>Molecular Vision</i> , 2015, 21, 612-20.	1.1	62
5	Neuroprotective Effect of Magnesium Acetyltaurate Against NMDA-Induced Excitotoxicity in Rat Retina. <i>Neurotoxicity Research</i> , 2017, 31, 31-45.	2.7	51
6	Pathogenetic role of magnesium deficiency in ophthalmic diseases. <i>BioMetals</i> , 2014, 27, 5-18.	4.1	39
7	Glaucomatous neurodegeneration: An eye on tumor necrosis factor-alpha. <i>Indian Journal of Ophthalmology</i> , 2012, 60, 255.	1.1	37
8	Rodent models of glaucoma and their applicability for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 261-270.	5.0	36
9	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.	2.6	35
10	Topical trans-resveratrol ameliorates steroid-induced anterior and posterior segment changes in rats. <i>Experimental Eye Research</i> , 2016, 143, 9-16.	2.6	31
11	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.	2.6	30
12	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.	3.5	28
13	Future Target Molecules in Antiglaucoma Therapy: TGF- β 2 May Have a Role to Play. <i>Ophthalmic Research</i> , 2010, 43, 1-10.	1.9	26
14	Magnesium deficiency: Does it have a role to play in cataractogenesis?. <i>Experimental Eye Research</i> , 2012, 101, 82-89.	2.6	25
15	Antiapoptotic effect of taurine against NMDA-induced retinal excitotoxicity in rats. <i>NeuroToxicology</i> , 2019, 70, 62-71.	3.0	25
16	Mechanisms of cataractogenesis in the presence of magnesium deficiency. <i>Magnesium Research</i> , 2013, 26, 2-8.	0.5	22
17	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.	3.0	22
18	Trabecular meshwork ECM remodeling in glaucoma: could RAS be a target?. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 629-638.	3.4	21

#	ARTICLE	IF	CITATIONS
19	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.	3.0	21
20	Mechanisms of angiotensin converting enzyme inhibitor-induced IOP reduction in normotensive rats. <i>European Journal of Pharmacology</i> , 2014, 730, 8-13.	3.5	19
21	Taurine protects against NMDA-induced retinal damage by reducing retinal oxidative stress. <i>Amino Acids</i> , 2019, 51, 641-646.	2.7	19
22	Newer targets for modulation of intraocular pressure: focus on adenosine receptor signaling pathways. <i>Expert Opinion on Therapeutic Targets</i> , 2014, 18, 527-539.	3.4	18
23	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.	2.6	18
24	Targeting extracellular matrix remodeling in disease: Could resveratrol be a potential candidate?. <i>Experimental Biology and Medicine</i> , 2017, 242, 374-383.	2.4	17
25	IOP lowering effect of topical trans-resveratrol involves adenosine receptors and TGF- β 2 signaling pathways. <i>European Journal of Pharmacology</i> , 2018, 838, 1-10.	3.5	17
26	Dose-dependent effects of NMDA on retinal and optic nerve morphology in rats. <i>International Journal of Ophthalmology</i> , 2019, 12, 746-753.	1.1	14
27	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
28	Intraocular distribution of topically applied hydrophilic and lipophilic substances in rat eyes. <i>Drug Delivery</i> , 2016, 23, 2765-2771.	5.7	13
29	Magnesium acetyltaurate protects against endothelin-1 induced RGC loss by reducing neuroinflammation in Sprague dawley rats. <i>Experimental Eye Research</i> , 2020, 194, 107996.	2.6	13
30	Effect of Magnesium Acetyltaurate and Taurine on Endothelin1-Induced Retinal Nitrosative Stress in Rats. <i>Current Eye Research</i> , 2018, 43, 1032-1040.	1.5	11
31	Magnesium acetyltaurate prevents retinal damage and visual impairment in rats through suppression of NMDA-induced upregulation of NF- κ B, p53 and AP-1 (c-Jun/c-Fos). <i>Neural Regeneration Research</i> , 2021, 16, 2330.	3.0	11
32	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.	1.6	9
33	Mechanism of the anticataract effect of liposomal MgT in galactose-fed rats. <i>Molecular Vision</i> , 2016, 22, 734-47.	1.1	7
34	Therapeutic potential of <i>Curcuma longa</i> , the golden spice of India, in drug discovery for ophthalmic diseases. <i>Expert Opinion on Drug Discovery</i> , 2009, 4, 147-158.	5.0	6
35	Early effect of hydroxychloroquine therapy: relationship between cumulative dose and retinal thickness. <i>Cutaneous and Ocular Toxicology</i> , 2015, 34, 179-184.	1.3	4
36	Dose-Dependent Effects of Endothelin-1 on Retinal and Optic Nerve Morphology in Sprague Dawley Rats. <i>Neurochemical Journal</i> , 2019, 13, 73-80.	0.5	4

#	ARTICLE	IF	CITATIONS
37	Prevalence and factors associated with irritable bowel syndrome among medical students in a Malaysian private university: a cross sectional study. Pan African Medical Journal, 2020, 37, 151.	0.8	4
38	Tackling retinal ganglion cell apoptosis in glaucoma: role of adenosine receptors. Expert Opinion on Therapeutic Targets, 2021, 25, 585-596.	3.4	3
39	Targeting the BDNF/TrkB pathway for the treatment of amyloid beta 1â€40â€™induced neurodegeneration: Focus on ocular manifestations of Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e037073.	0.8	0