Ajmal Ahmad

List of Publications by Year
in descending order

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42	2,515	270111	312153
papers	citations	25 h-index	41 g-index

42	42	42	4246
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proprotein convertase furin is a driver and potential therapeutic target in proliferative diabetic retinopathy. Clinical and Experimental Ophthalmology, 2022, 50, 632-652.	1.3	3
2	Apocynin ameliorates NADPH oxidase 4 (NOX4) induced oxidative damage in the hypoxic human retinal MÃ¼ller cells and diabetic rat retina. Molecular and Cellular Biochemistry, 2021, 476, 2099-2109.	1.4	18
3	CD146/Soluble CD146 Pathway Is a Novel Biomarker of Angiogenesis and Inflammation in Proliferative Diabetic Retinopathy. , 2021, 62, 32.		17
4	Flavonoids and PI3K/Akt/mTOR Signaling Cascade: A Potential Crosstalk in Anticancer Treatment. Current Medicinal Chemistry, 2021, 28, 8083-8097.	1.2	19
5	Tissue Inhibitor of Metalloproteinase-3 Ameliorates Diabetes-Induced Retinal Inflammation. Frontiers in Physiology, 2021, 12, 807747.	1.3	8
6	Interleukin-11 Overexpression and M2 Macrophage Density are Associated with Angiogenic Activity in Proliferative Diabetic Retinopathy. Ocular Immunology and Inflammation, 2020, 28, 575-588.	1.0	22
7	Galectinâ€1 studies in proliferative diabetic retinopathy. Acta Ophthalmologica, 2020, 98, e1-e12.	0.6	17
8	The Role of Neurovascular System in Neurodegenerative Diseases. Molecular Neurobiology, 2020, 57, 4373-4393.	1.9	49
9	Evaluation of Proteoforms of the Transmembrane Chemokines CXCL16 and CX3CL1, Their Receptors, and Their Processing Metalloproteinases ADAM10 and ADAM17 in Proliferative Diabetic Retinopathy. Frontiers in Immunology, 2020, 11, 601639.	2.2	25
10	Cross-Talk between Sirtuin 1 and the Proinflammatory Mediator High-Mobility Group Box-1 in the Regulation of Blood-Retinal Barrier Breakdown in Diabetic Retinopathy. Current Eye Research, 2019, 44, 1133-1143.	0.7	18
11	The Proinflammatory and Proangiogenic Macrophage Migration Inhibitory Factor Is a Potential Regulator in Proliferative Diabetic Retinopathy. Frontiers in Immunology, 2019, 10, 2752.	2.2	50
12	Differential expression and localization of human tissue inhibitors of metalloproteinases in proliferative diabetic retinopathy. Acta Ophthalmologica, 2018, 96, e27-e37.	0.6	22
13	Unbalanced Vitreous Levels of Osteoprotegerin, RANKL, RANK, and TRAIL in Proliferative Diabetic Retinopathy. Ocular Immunology and Inflammation, 2018, 26, 1248-1260.	1.0	9
14	Association of 150â€kDa oxygenâ€regulated protein with vascular endothelial growth factor in proliferative diabetic retinopathy. Acta Ophthalmologica, 2018, 96, e460-e467.	0.6	7
15	Matrix metalloproteinase-14 is a biomarker of angiogenic activity in proliferative diabetic retinopathy. Molecular Vision, 2018, 24, 394-406.	1.1	20
16	Rho-Associated Protein Kinase-1 Mediates the Regulation of Inflammatory Markers in Diabetic Retina and in Retinal MÃ¼ller Cells. Annals of Clinical and Laboratory Science, 2018, 48, 137-145.	0.2	7
17	Extracellular matrix metalloproteinase inducer (<scp>EMMPRIN</scp>) is a potential biomarker of angiogenesis in proliferative diabetic retinopathy. Acta Ophthalmologica, 2017, 95, 697-704.	0.6	17
18	Association of HMGB1 with oxidative stress markers and regulators in PDR. Molecular Vision, 2017, 23, 853-871.	1.1	25

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19	Genetic Ablation of Extra Domain A of Fibronectin in Hypercholesterolemic Mice Improves Stroke Outcome by Reducing Thrombo-Inflammation. Circulation, 2015, 132, 2237-2247.	1.6	38
20	Attenuation of oxidative damage-associated cognitive decline by Withania somnifera in rat model of streptozotocin-induced cognitive impairment. Protoplasma, 2013, 250, 1067-1078.	1.0	30
21	Anti-apoptotic and Anti-inflammatory effect of Piperine on 6-OHDA induced Parkinson's Rat model. Journal of Nutritional Biochemistry, 2013, 24, 680-687.	1.9	109
22	Taurine ameliorates neurobehavioral, neurochemical and immunohistochemical changes in sporadic dementia of Alzheimerâ€™s type (SDAT) caused by intracerebroventricular streptozotocin in rats. Neurological Sciences, 2013, 34, 2181-2192.	0.9	40
23	Neuroprotective efficacy of Nardostachys jatamansi and crocetin in conjunction with selenium in cognitive impairment. Neurological Sciences, 2012, 33, 1011-1020.	0.9	47
24	Ocimum sanctum attenuates oxidative damage and neurological deficits following focal cerebral ischemia/reperfusion injury in rats. Neurological Sciences, 2012, 33, 1239-1247.	0.9	36
25	Naringenin ameliorates Alzheimerâ€™s disease (AD)-type neurodegeneration with cognitive impairment (AD-TNDCI) caused by the intracerebroventricular-streptozotocin in rat model. Neurochemistry International, 2012, 61, 1081-1093.	1.9	137
26	S-allyl cysteine mitigates oxidative damage and improves neurologic deficit in a rat model of focal cerebral ischemia. Nutrition Research, 2012, 32, 133-143.	1.3	71
27	Edaravone ameliorates oxidative stress associated cholinergic dysfunction and limits apoptotic response following focal cerebral ischemia in rat. Molecular and Cellular Biochemistry, 2012, 367, 215-225.	1.4	36
28	Catechin Hydrate Ameliorates Redox Imbalance and Limits Inflammatory Response in Focal Cerebral Ischemia. Neurochemical Research, 2012, 37, 1747-1760.	1.6	71
29	Rutin Protects Dopaminergic Neurons from Oxidative Stress in an Animal Model of Parkinsonâ€™s Disease. Neurotoxicity Research, 2012, 22, 1-15.	1.3	144
30	Silymarin protects neurons from oxidative stress associated damages in focal cerebral ischemia: A behavioral, biochemical and immunohistological study in Wistar rats. Journal of the Neurological Sciences, 2011, 309, 45-54.	0.3	81
31	Sex-independent neuroprotection with minocycline after experimental thromboembolic stroke. Experimental & Translational Stroke Medicine, 2011, 3, 16.	3.2	45
32	Neuroprotective effects of curcumin on 6-hydroxydopamine-induced Parkinsonism in rats: Behavioral, neurochemical and immunohistochemical studies. Brain Research, 2011, 1368, 254-263.	1.1	72
33	S-allyl cysteine attenuates oxidative stress associated cognitive impairment and neurodegeneration in mouse model of streptozotocin-induced experimental dementia of Alzheimer's type. Brain Research, 2011, 1389, 133-142.	1.1	107
34	Hesperidin ameliorates functional and histological outcome and reduces neuroinflammation in experimental stroke. Brain Research, 2011, 1420, 93-105.	1.1	102
35	Quercetin Protects Against Oxidative Stress Associated Damages in a Rat Model of Transient Focal Cerebral Ischemia and Reperfusion. Neurochemical Research, 2011, 36, 1360-1371.	1.6	92
36	Synergistic Effect of Selenium and Melatonin on Neuroprotection in Cerebral Ischemia in Rats. Biological Trace Element Research, 2011, 139, 81-96.	1.9	33

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37	Amelioration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced behavioural dysfunction and oxidative stress by Pycnogenol in mouse model of Parkinson's disease. Behavioural Pharmacology, 2010, 21, 563-571.	0.8	21
38	Resveratrol attenuates 6-hydroxydopamine-induced oxidative damage and dopamine depletion in rat model of Parkinson's disease. Brain Research, 2010, 1328, 139-151.	1.1	232
39	Sesamin attenuates behavioral, biochemical and histological alterations induced by reversible middle cerebral artery occlusion in the rats. Chemico-Biological Interactions, 2010, 183, 255-263.	1.7	67
40	Selenium prevents cognitive decline and oxidative damage in rat model of streptozotocin-induced experimental dementia of Alzheimer's type. Brain Research, 2009, 1281, 117-127.	1.1	179
41	Rutin protects the neural damage induced by transient focal ischemia in rats. Brain Research, 2009, 1292, 123-135.	1.1	176
42	Amelioration of cognitive deficits and neurodegeneration by curcumin in rat model of sporadic dementia of Alzheimer's type (SDAT)â¯†. European Neuropsychopharmacology, 2009, 19, 636-647.	0.3	196