Tauheed Ishrat

List of Publications by Year in descending order

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		109321	110387
84	4,431	35	64
papers	citations	h-index	g-index

85	85	85	5675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resveratrol attenuates 6-hydroxydopamine-induced oxidative damage and dopamine depletion in rat model of Parkinson's disease. Brain Research, 2010, 1328, 139-151.	2.2	232
2	Resveratrol exerts its neuroprotective effect by modulating mitochondrial dysfunctions and associated cell death during cerebral ischemia. Brain Research, 2009, 1250, 242-253.	2.2	207
3	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.	0.7	196
4	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.	2.2	179
5	Inhibition of the NLRP3-inflammasome as a potential approach for neuroprotection after stroke. Scientific Reports, 2018, 8, 5971.	3.3	177
6	Rutin protects the neural damage induced by transient focal ischemia in rats. Brain Research, 2009, 1292, 123-135.	2.2	176
7	Coenzyme Q10 modulates cognitive impairment against intracerebroventricular injection of streptozotocin in rats. Behavioural Brain Research, 2006, 171, 9-16.	2.2	175
8	Ginkgo biloba affords dose-dependent protection against 6-hydroxydopamine-induced parkinsonism in rats: neurobehavioural, neurochemical and immunohistochemical evidences. Journal of Neurochemistry, 2005, 93, 94-104.	3.9	137
9	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.	3.8	137
10	MCC950, the Selective Inhibitor of Nucleotide Oligomerization Domain-Like Receptor Protein-3 Inflammasome, Protects Mice against Traumatic Brain Injury. Journal of Neurotrauma, 2018, 35, 1294-1303.	3.4	130
11	Thioredoxin-Interacting Protein (TXNIP) in Cerebrovascular and Neurodegenerative Diseases: Regulation and Implication. Molecular Neurobiology, 2018, 55, 7900-7920.	4.0	126
12	Anti-apoptotic and Anti-inflammatory effect of Piperine on 6-OHDA induced Parkinson's Rat model. Journal of Nutritional Biochemistry, 2013, 24, 680-687.	4.2	109
13	Effects of progesterone administration on infarct volume and functional deficits following permanent focal cerebral ischemia in rats. Brain Research, 2009, 1257, 94-101.	2.2	106
14	Effect of Saffron (Crocus sativus) on Neurobehavioral and Neurochemical Changes in Cerebral Ischemia in Rats. Journal of Medicinal Food, 2006, 9, 246-253.	1.5	92
15	Quercetin Protects Against Oxidative Stress Associated Damages in a Rat Model of Transient Focal Cerebral Ischemia and Reperfusion. Neurochemical Research, 2011, 36, 1360-1371.	3.3	92
16	Thioredoxin-Interacting Protein: a Novel Target for Neuroprotection in Experimental Thromboembolic Stroke in Mice. Molecular Neurobiology, 2015, 51, 766-778.	4.0	92
17	Selenium Protects Cerebral Ischemia in Rat Brain Mitochondria. Biological Trace Element Research, 2004, 101, 73-86.	3.5	85
18	Sesamin attenuates neurotoxicity in mouse model of ischemic brain stroke. NeuroToxicology, 2014, 45, 100-110.	3.0	78

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19	Thioredoxin-Interacting Protein (TXNIP) Associated NLRP3 Inflammasome Activation in Human Alzheimerâ€™s Disease Brain. Journal of Alzheimer's Disease, 2019, 68, 255-265.	2.6	77
20	Combination treatment with progesterone and vitamin D hormone is more effective than monotherapy in ischemic stroke: The role of BDNF/TrkB/Erk1/2 signaling in neuroprotection. Neuropharmacology, 2013, 67, 78-87.	4.1	76
21	Progesterone with Vitamin D Affords Better Neuroprotection against Excitotoxicity in Cultured Cortical Neurons than Progesterone Alone. Molecular Medicine, 2009, 15, 328-336.	4.4	75
22	Attenuation by Nardostachys jatamansi of 6-hydroxydopamine-induced parkinsonism in rats: behavioral, neurochemical, and immunohistochemical studies. Pharmacology Biochemistry and Behavior, 2006, 83, 150-160.	2.9	73
23	Progesterone in experimental permanent stroke: a dose-response and therapeutic time-window study. Brain, 2014, 137, 486-502.	7.6	73
24	Neuroprotective effects of curcumin on 6-hydroxydopamine-induced Parkinsonism in rats: Behavioral, neurochemical and immunohistochemical studies. Brain Research, 2011, 1368, 254-263.	2.2	72
25	Selenium plays a modulatory role against cerebral ischemia-induced neuronal damage in rat hippocampus. Brain Research, 2007, 1147, 218-225.	2.2	71
26	Sesamin attenuates behavioral, biochemical and histological alterations induced by reversible middle cerebral artery occlusion in the rats. Chemico-Biological Interactions, 2010, 183, 255-263.	4.0	67
27	Role of Inflammasome Activation in the Pathophysiology of Vascular Diseases of the Neurovascular Unit. Antioxidants and Redox Signaling, 2015, 22, 1188-1206.	5.4	66
28	Effect of dietary sesame oil as antioxidant on brain hippocampus of rat in focal cerebral ischemia. Life Sciences, 2006, 79, 1921-1928.	4.3	63
29	Compound 21 is pro-angiogenic in the brain and results in sustained recovery after ischemic stroke. Journal of Hypertension, 2015, 33, 170-180.	0.5	57
30	Low-Dose Candesartan Enhances Molecular Mediators of Neuroplasticity and Subsequent Functional Recovery After Ischemic Stroke in Rats. Molecular Neurobiology, 2015, 51, 1542-1553.	4.0	49
31	Neuroprotective efficacy of Nardostachys jatamansi and crocetin in conjunction with selenium in cognitive impairment. Neurological Sciences, 2012, 33, 1011-1020.	1.9	47
32	RAS modulation prevents progressive cognitive impairment after experimental stroke: a randomized, blinded preclinical trial. Journal of Neuroinflammation, 2018, 15, 229.	7.2	47
33	Effects of Pycnogenol and vitamin E on cognitive deficits and oxidative damage induced by intracerebroventricular streptozotocin in rats. Behavioural Pharmacology, 2009, 20, 567-575.	1.7	44
34	Behavioral and Histologic Neuroprotection of Aqueous Garlic Extract After Reversible Focal Cerebral Ischemia. Journal of Medicinal Food, 2006, 9, 537-544.	1.5	41
35	Brain-Derived Neurotrophic Factor Knockdown Blocks the Angiogenic and Protective Effects of Angiotensin Modulation After Experimental Stroke. Molecular Neurobiology, 2017, 54, 661-670.	4.0	40
36	Extracellular Vesicles: A Possible Link between HIV and Alzheimerâ€™s Disease-Like Pathology in HIV Subjects?. Cells, 2019, 8, 968.	4.1	37

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37	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.	3.1	36
38	The NLRP3 inflammasome: a potential therapeutic target for traumatic brain injury. Neural Regeneration Research, 2021, 16, 49.	3.0	36
39	The TRIF-dependent signaling pathway is not required for acute cerebral ischemia/reperfusion injury in mice. Biochemical and Biophysical Research Communications, 2009, 390, 678-683.	2.1	35
40	Synergistic Effect of Selenium and Melatonin on Neuroprotection in Cerebral Ischemia in Rats. Biological Trace Element Research, 2011, 139, 81-96.	3.5	33
41	Role of angiotensin system modulation on progression of cognitive impairment and brain MRI changes in aged hypertensive animals â€“ A randomized double- blind pre-clinical study. Behavioural Brain Research, 2018, 346, 29-40.	2.2	33
42	ER stress associated TXNIP-NLRP3 inflammasome activation in hippocampus of human Alzheimer's disease. Neurochemistry International, 2021, 148, 105104.	3.8	33
43	Angiotensin receptor (AT2R) agonist C21 prevents cognitive decline after permanent stroke in aged animalsâ€"A randomized double- blind pre-clinical study. Behavioural Brain Research, 2019, 359, 560-569.	2.2	32
44	Tissue Plasminogen Activator Promotes TXNIP-NLRP3 Inflammasome Activation after Hyperglycemic Stroke in Mice. Molecular Neurobiology, 2020, 57, 2495-2508.	4.0	32
45	Recommendations for Preclinical Research in Hemorrhagic Transformation. Translational Stroke Research, 2013, 4, 322-327.	4.2	31
46	Sequential Therapy with Minocycline and Candesartan Improves Long-Term Recovery After Experimental Stroke. Translational Stroke Research, 2015, 6, 309-322.	4.2	31
47	Prevention of cognitive impairments and neurodegeneration by Khamira Abresham Hakim Arshad Wala. Journal of Ethnopharmacology, 2006, 108, 68-73.	4.1	30
48	Bacopa monniera ameliorates cognitive impairment and neurodegeneration induced by intracerebroventricular-streptozotocin in rat: behavioral, biochemical, immunohistochemical and histopathological evidences. Metabolic Brain Disease, 2015, 30, 115-127.	2.9	30
49	Metabolic Syndrome, Brain Insulin Resistance, and Alzheimerâ€™s Disease: Thioredoxin Interacting Protein (TXNIP) and Inflammasome as Core Amplifiers. Journal of Alzheimer's Disease, 2018, 66, 857-885.	2.6	29
50	Candesartan Reduces the Hemorrhage Associated with Delayed Tissue Plasminogen Activator Treatment in Rat Embolic Stroke. Neurochemical Research, 2013, 38, 2668-2677.	3.3	28
51	MyD88 contributes to neuroinflammatory responses induced by cerebral ischemia/reperfusion in mice. Biochemical and Biophysical Research Communications, 2016, 480, 69-74.	2.1	28
52	Candesartan Induces a Prolonged Proangiogenic Effect and Augments Endothelium-Mediated Neuroprotection after Oxygen and Glucose Deprivation: Role of Vascular Endothelial Growth Factors A and B. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 444-457.	2.5	27
53	Progesterone Inhibits the Growth of Human Neuroblastoma: In Vitro and In Vivo Evidence. Molecular Medicine, 2011, 17, 1084-1094.	4.4	24
54	Progesterone improves long-term functional and histological outcomes after permanent stroke in older rats. Behavioural Brain Research, 2016, 305, 46-56.	2.2	22

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55	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.	1.7	21
56	Doseâ€“response, therapeutic time-window and tPA-combinatorial efficacy of compound 21: A randomized, blinded preclinical trial in a rat model of thromboembolic stroke. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1635-1647.	4.3	21
57	Vascular Protection to Increase the Safety of Tissue Plasminogen Activator for Stroke. Current Pharmaceutical Design, 2012, 18, 3677-3684.	1.9	20
58	Modulatory effects of PycnogenolÂ® in a rat model of insulin-dependent diabetes mellitus: biochemical, histological, and immunohistochemical evidences. Protoplasma, 2013, 250, 347-360.	2.1	19
59	Angiotensin II type 2 receptor stimulation with compound 21 improves neurological function after stroke in female rats: a pilot study. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H1192-H1201.	3.2	19
60	HIV Associated Risk Factors for Ischemic Stroke and Future Perspectives. International Journal of Molecular Sciences, 2020, 21, 5306.	4.1	18
61	The Brain AT2Râ€"a Potential Target for Therapy in Alzheimerâ€™s Disease and Vascular Cognitive Impairment: a Comprehensive Review of Clinical and Experimental Therapeutics. Molecular Neurobiology, 2020, 57, 3458-3484.	4.0	17
62	Thioredoxin interacting protein regulates age-associated neuroinflammation. Neurobiology of Disease, 2021, 156, 105399.	4.4	15
63	Verapamil as an Adjunct Therapy to Reduce tPA Toxicity in Hyperglycemic Stroke: Implication of TXNIP/NLRP3 Inflammasome. Molecular Neurobiology, 2021, 58, 3792-3804.	4.0	13
64	Verapamil Prevents Development of Cognitive Impairment in an Aged Mouse Model of Sporadic Alzheimerâ€™s Disease. Molecular Neurobiology, 2021, 58, 3374-3387.	4.0	11
65	Neuroprotection Offered by Majun Khadar, a Traditional Unani Medicine, during Cerebral Ischemic Damage in Rats. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-9.	1.2	10
66	Manifestation of renin angiotensin system modulation in traumatic brain injury. Metabolic Brain Disease, 2021, 36, 1079-1086.	2.9	10
67	Compound 21, a Direct AT2R Agonist, Induces IL-10 and Inhibits Inflammation in Mice Following Traumatic Brain Injury. NeuroMolecular Medicine, 2022, 24, 274-278.	3.4	10
68	Direct AT2R Stimulation Slows Post-stroke Cognitive Decline in the 5XFAD Alzheimerâ€™s Disease Mice. Molecular Neurobiology, 2022, 59, 4124-4140.	4.0	10
69	A Systematic Review of Inflammatory Cytokine Changes Following Aneurysmal Subarachnoid Hemorrhage in Animal Models and Humans. Translational Stroke Research, 2022, 13, 881-897.	4.2	9
70	Thioredoxin interacting protein, a key molecular switch between oxidative stress and sterile inflammation in cellular response. World Journal of Diabetes, 2021, 12, 1979-1999.	3.5	9
71	Silencing VEGF-B Diminishes the Neuroprotective Effect of Candesartan Treatment After Experimental Focal Cerebral Ischemia. Neurochemical Research, 2018, 43, 1869-1878.	3.3	8
72	Renin-Angiotensin System Alterations in the Human Alzheimerâ€™s Disease Brain. Journal of Alzheimer's Disease, 2021, 84, 1473-1484.	2.6	8

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73	Mechanisms of acute neurovascular protection with AT1 blockade after stroke: Effect of prestroke hypertension. PLoS ONE, 2017, 12, e0178867.	2.5	7
74	Role of Matrix Metalloproteinase Activity in the Neurovascular Protective Effects of Angiotensin Antagonism. Stroke Research and Treatment, 2014, 2014, 1-9.	0.8	4
75	Acute Hyperglycemia Exacerbates Hemorrhagic Transformation after Embolic Stroke and Reperfusion with tPA: A Possible Role of TXNIP-NLRP3 Inflammasome. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106226.	1.6	4
76	Lost in Translation: Neurotrophins Biology and Function in the Neurovascular Unit. Neuroscientist, 2023, 29, 694-714.	3.5	4
77	Response to: do pregnant women have improved outcomes after traumatic brain injury?. American Journal of Surgery, 2012, 204, 803-804.	1.8	3
78	Diabetes Mellitus during the Pandemic Covid-19: Prevelance, Pathophysiology, Mechanism, and Management: An updated overview. Current Diabetes Reviews, 2021, 17, .	1.3	2
79	Endothelial Thioredoxin-Interacting Protein Depletion Reduces Hemorrhagic Transformation in Hyperglycemic Mice after Embolic Stroke and Thrombolytic Therapy. Pharmaceuticals, 2021, 14, 983.	3.8	2
80	Contralesional angiotensin type 2 receptor activation contributes to recovery in experimental stroke. Neurochemistry International, 2022, 158, 105375.	3.8	2
81	Repurposing verapamil for prevention of cognitive decline in sporadic Alzheimerâ€™s disease. Neural Regeneration Research, 2022, 17, 1018.	3.0	1
82	Verapamil, a possible repurposed therapeutic candidate for stroke under hyperglycemia. Neural Regeneration Research, 2022, 17, 2418.	3.0	1
83	Candesartan Effectively Preserves Cognition in Senescence Accelerated Mouse Prone 8 (SAMP8) mice. Journal of Alzheimer's Disease Reports, 2022, 6, 257-269.	2.2	1
84	Abstract WP101: Involvement of the Contralesional Angiotensin Type 2 Receptor in Compound 21 Mediated Functional Recovery After Stroke. Stroke, 2016, 47, .	2.0	0