

Tauheed Ishrat

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

4,431
citations

109321

35
h-index

110387

64
g-index

85
all docs

85
docs citations

85
times ranked

5675
citing authors

#	ARTICLE	IF	CITATIONS
1	Lost in Translation: Neurotrophins Biology and Function in the Neurovascular Unit. <i>Neuroscientist</i> , 2023, 29, 694-714.	3.5	4
2	Compound 21, a Direct AT2R Agonist, Induces IL-10 and Inhibits Inflammation in Mice Following Traumatic Brain Injury. <i>NeuroMolecular Medicine</i> , 2022, 24, 274-278.	3.4	10
3	Repurposing verapamil for prevention of cognitive decline in sporadic Alzheimer's disease. <i>Neural Regeneration Research</i> , 2022, 17, 1018.	3.0	1
4	Acute Hyperglycemia Exacerbates Hemorrhagic Transformation after Embolic Stroke and Reperfusion with tPA: A Possible Role of TXNIP-NLRP3 Inflammasome. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106226.	1.6	4
5	A Systematic Review of Inflammatory Cytokine Changes Following Aneurysmal Subarachnoid Hemorrhage in Animal Models and Humans. <i>Translational Stroke Research</i> , 2022, 13, 881-897.	4.2	9
6	Verapamil, a possible repurposed therapeutic candidate for stroke under hyperglycemia. <i>Neural Regeneration Research</i> , 2022, 17, 2418.	3.0	1
7	Direct AT2R Stimulation Slows Post-stroke Cognitive Decline in the 5XFAD Alzheimer's Disease Mice. <i>Molecular Neurobiology</i> , 2022, 59, 4124-4140.	4.0	10
8	Candesartan Effectively Preserves Cognition in Senescence Accelerated Mouse Prone 8 (SAMP8) mice. <i>Journal of Alzheimer's Disease Reports</i> , 2022, 6, 257-269.	2.2	1
9	Contralesional angiotensin type 2 receptor activation contributes to recovery in experimental stroke. <i>Neurochemistry International</i> , 2022, 158, 105375.	3.8	2
10	The NLRP3 inflammasome: a potential therapeutic target for traumatic brain injury. <i>Neural Regeneration Research</i> , 2021, 16, 49.	3.0	36
11	Verapamil Prevents Development of Cognitive Impairment in an Aged Mouse Model of Sporadic Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2021, 58, 3374-3387.	4.0	11
12	Manifestation of renin angiotensin system modulation in traumatic brain injury. <i>Metabolic Brain Disease</i> , 2021, 36, 1079-1086.	2.9	10
13	Verapamil as an Adjunct Therapy to Reduce tPA Toxicity in Hyperglycemic Stroke: Implication of TXNIP/NLRP3 Inflammasome. <i>Molecular Neurobiology</i> , 2021, 58, 3792-3804.	4.0	13
14	Diabetes Mellitus during the Pandemic Covid-19: Prevalence, Pathophysiology, Mechanism, and Management: An updated overview. <i>Current Diabetes Reviews</i> , 2021, 17, .	1.3	2
15	Thioredoxin interacting protein regulates age-associated neuroinflammation. <i>Neurobiology of Disease</i> , 2021, 156, 105399.	4.4	15
16	Endothelial Thioredoxin-Interacting Protein Depletion Reduces Hemorrhagic Transformation in Hyperglycemic Mice after Embolic Stroke and Thrombolytic Therapy. <i>Pharmaceuticals</i> , 2021, 14, 983.	3.8	2
17	ER stress associated TXNIP-NLRP3 inflammasome activation in hippocampus of human Alzheimer's disease. <i>Neurochemistry International</i> , 2021, 148, 105104.	3.8	33
18	Renin-Angiotensin System Alterations in the Human Alzheimer's Disease Brain. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1473-1484.	2.6	8

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19	Thioredoxin interacting protein, a key molecular switch between oxidative stress and sterile inflammation in cellular response. <i>World Journal of Diabetes</i> , 2021, 12, 1979-1999.	3.5	9
20	HIV Associated Risk Factors for Ischemic Stroke and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5306.	4.1	18
21	The Brain AT2Râ€”a Potential Target for Therapy in Alzheimerâ€™s Disease and Vascular Cognitive Impairment: a Comprehensive Review of Clinical and Experimental Therapeutics. <i>Molecular Neurobiology</i> , 2020, 57, 3458-3484.	4.0	17
22	Tissue Plasminogen Activator Promotes TXNIP-NLRP3 Inflammasome Activation after Hyperglycemic Stroke in Mice. <i>Molecular Neurobiology</i> , 2020, 57, 2495-2508.	4.0	32
23	Extracellular Vesicles: A Possible Link between HIV and Alzheimerâ€™s Disease-Like Pathology in HIV Subjects?. <i>Cells</i> , 2019, 8, 968.	4.1	37
24	Angiotensin II type 2 receptor stimulation with compound 21 improves neurological function after stroke in female rats: a pilot study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1192-H1201.	3.2	19
25	Thioredoxin-Interacting Protein (TXNIP) Associated NLRP3 Inflammasome Activation in Human Alzheimerâ€™s Disease Brain. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 255-265.	2.6	77
26	Angiotensin receptor (AT2R) agonist C21 prevents cognitive decline after permanent stroke in aged animalsâ€”A randomized double- blind pre-clinical study. <i>Behavioural Brain Research</i> , 2019, 359, 560-569.	2.2	32
27	Doseâ€”response, therapeutic time-window and tPA-combinatorial efficacy of compound 21: A randomized, blinded preclinical trial in a rat model of thromboembolic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1635-1647.	4.3	21
28	Thioredoxin-Interacting Protein (TXNIP) in Cerebrovascular and Neurodegenerative Diseases: Regulation and Implication. <i>Molecular Neurobiology</i> , 2018, 55, 7900-7920.	4.0	126
29	Inhibition of the NLRP3-inflammasome as a potential approach for neuroprotection after stroke. <i>Scientific Reports</i> , 2018, 8, 5971.	3.3	177
30	MCC950, the Selective Inhibitor of Nucleotide Oligomerization Domain-Like Receptor Protein-3 Inflammasome, Protects Mice against Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1294-1303.	3.4	130
31	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. <i>Behavioural Brain Research</i> , 2018, 346, 29-40.	2.2	33
32	Metabolic Syndrome, Brain Insulin Resistance, and Alzheimerâ€™s Disease: Thioredoxin Interacting Protein (TXNIP) and Inflammasome as Core Amplifiers. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 857-885.	2.6	29
33	Silencing VEGF-B Diminishes the Neuroprotective Effect of Candesartan Treatment After Experimental Focal Cerebral Ischemia. <i>Neurochemical Research</i> , 2018, 43, 1869-1878.	3.3	8
34	RAS modulation prevents progressive cognitive impairment after experimental stroke: a randomized, blinded preclinical trial. <i>Journal of Neuroinflammation</i> , 2018, 15, 229.	7.2	47
35	Brain-Derived Neurotrophic Factor Knockdown Blocks the Angiogenic and Protective Effects of Angiotensin Modulation After Experimental Stroke. <i>Molecular Neurobiology</i> , 2017, 54, 661-670.	4.0	40
36	Mechanisms of acute neurovascular protection with AT1 blockade after stroke: Effect of prestroke hypertension. <i>PLoS ONE</i> , 2017, 12, e0178867.	2.5	7

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37	Progesterone improves long-term functional and histological outcomes after permanent stroke in older rats. <i>Behavioural Brain Research</i> , 2016, 305, 46-56.	2.2	22
38	MyD88 contributes to neuroinflammatory responses induced by cerebral ischemia/reperfusion in mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 69-74.	2.1	28
39	Abstract WP101: Involvement of the Contralesional Angiotensin Type 2 Receptor in Compound 21 Mediated Functional Recovery After Stroke. <i>Stroke</i> , 2016, 47, .	2.0	0
40	Compound 21 is pro-angiogenic in the brain and results in sustained recovery after ischemic stroke. <i>Journal of Hypertension</i> , 2015, 33, 170-180.	0.5	57
41	Sequential Therapy with Minocycline and Candesartan Improves Long-Term Recovery After Experimental Stroke. <i>Translational Stroke Research</i> , 2015, 6, 309-322.	4.2	31
42	Low-Dose Candesartan Enhances Molecular Mediators of Neuroplasticity and Subsequent Functional Recovery After Ischemic Stroke in Rats. <i>Molecular Neurobiology</i> , 2015, 51, 1542-1553.	4.0	49
43	Bacopa monniera ameliorates cognitive impairment and neurodegeneration induced by intracerebroventricular-streptozotocin in rat: behavioral, biochemical, immunohistochemical and histopathological evidences. <i>Metabolic Brain Disease</i> , 2015, 30, 115-127.	2.9	30
44	Role of Inflammasome Activation in the Pathophysiology of Vascular Diseases of the Neurovascular Unit. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 1188-1206.	5.4	66
45	Thioredoxin-Interacting Protein: a Novel Target for Neuroprotection in Experimental Thromboembolic Stroke in Mice. <i>Molecular Neurobiology</i> , 2015, 51, 766-778.	4.0	92
46	Role of Matrix Metalloproteinase Activity in the Neurovascular Protective Effects of Angiotensin Antagonism. <i>Stroke Research and Treatment</i> , 2014, 2014, 1-9.	0.8	4
47	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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 349, 444-457.	2.5	27
48	Sesamin attenuates neurotoxicity in mouse model of ischemic brain stroke. <i>NeuroToxicology</i> , 2014, 45, 100-110.	3.0	78
49	Progesterone in experimental permanent stroke: a dose-response and therapeutic time-window study. <i>Brain</i> , 2014, 137, 486-502.	7.6	73
50	Recommendations for Preclinical Research in Hemorrhagic Transformation. <i>Translational Stroke Research</i> , 2013, 4, 322-327.	4.2	31
51	Anti-apoptotic and Anti-inflammatory effect of Piperine on 6-OHDA induced Parkinson's Rat model. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 680-687.	4.2	109
52	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. <i>Neuropharmacology</i> , 2013, 67, 78-87.	4.1	76
53	Modulatory effects of Pycnogenol® in a rat model of insulin-dependent diabetes mellitus: biochemical, histological, and immunohistochemical evidences. <i>Protoplasma</i> , 2013, 250, 347-360.	2.1	19
54	Candesartan Reduces the Hemorrhage Associated with Delayed Tissue Plasminogen Activator Treatment in Rat Embolic Stroke. <i>Neurochemical Research</i> , 2013, 38, 2668-2677.	3.3	28

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55	Vascular Protection to Increase the Safety of Tissue Plasminogen Activator for Stroke. <i>Current Pharmaceutical Design</i> , 2012, 18, 3677-3684.	1.9	20
56	Neuroprotective efficacy of <i>Nardostachys jatamansi</i> and crocetin in conjunction with selenium in cognitive impairment. <i>Neurological Sciences</i> , 2012, 33, 1011-1020.	1.9	47
57	Naringenin ameliorates Alzheimer's disease (AD)-type neurodegeneration with cognitive impairment (AD-TNDCl) caused by the intracerebroventricular-streptozotocin in rat model. <i>Neurochemistry International</i> , 2012, 61, 1081-1093.	3.8	137
58	Response to: do pregnant women have improved outcomes after traumatic brain injury?. <i>American Journal of Surgery</i> , 2012, 204, 803-804.	1.8	3
59	Edaravone ameliorates oxidative stress associated cholinergic dysfunction and limits apoptotic response following focal cerebral ischemia in rat. <i>Molecular and Cellular Biochemistry</i> , 2012, 367, 215-225.	3.1	36
60	Progesterone Inhibits the Growth of Human Neuroblastoma: In Vitro and In Vivo Evidence. <i>Molecular Medicine</i> , 2011, 17, 1084-1094.	4.4	24
61	Neuroprotective effects of curcumin on 6-hydroxydopamine-induced Parkinsonism in rats: Behavioral, neurochemical and immunohistochemical studies. <i>Brain Research</i> , 2011, 1368, 254-263.	2.2	72
62	Quercetin Protects Against Oxidative Stress Associated Damages in a Rat Model of Transient Focal Cerebral Ischemia and Reperfusion. <i>Neurochemical Research</i> , 2011, 36, 1360-1371.	3.3	92
63	Synergistic Effect of Selenium and Melatonin on Neuroprotection in Cerebral Ischemia in Rats. <i>Biological Trace Element Research</i> , 2011, 139, 81-96.	3.5	33
64	Neuroprotection Offered by Majun Khadar, a Traditional Unani Medicine, during Cerebral Ischemic Damage in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-9.	1.2	10
65	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. <i>Behavioural Pharmacology</i> , 2010, 21, 563-571.	1.7	21
66	Resveratrol attenuates 6-hydroxydopamine-induced oxidative damage and dopamine depletion in rat model of Parkinson's disease. <i>Brain Research</i> , 2010, 1328, 139-151.	2.2	232
67	Sesamin attenuates behavioral, biochemical and histological alterations induced by reversible middle cerebral artery occlusion in the rats. <i>Chemico-Biological Interactions</i> , 2010, 183, 255-263.	4.0	67
68	Progesterone with Vitamin D Affords Better Neuroprotection against Excitotoxicity in Cultured Cortical Neurons than Progesterone Alone. <i>Molecular Medicine</i> , 2009, 15, 328-336.	4.4	75
69	Resveratrol exerts its neuroprotective effect by modulating mitochondrial dysfunctions and associated cell death during cerebral ischemia. <i>Brain Research</i> , 2009, 1250, 242-253.	2.2	207
70	Effects of progesterone administration on infarct volume and functional deficits following permanent focal cerebral ischemia in rats. <i>Brain Research</i> , 2009, 1257, 94-101.	2.2	106
71	Selenium prevents cognitive decline and oxidative damage in rat model of streptozotocin-induced experimental dementia of Alzheimer's type. <i>Brain Research</i> , 2009, 1281, 117-127.	2.2	179
72	Rutin protects the neural damage induced by transient focal ischemia in rats. <i>Brain Research</i> , 2009, 1292, 123-135.	2.2	176

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73	The TRIF-dependent signaling pathway is not required for acute cerebral ischemia/reperfusion injury in mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 678-683.	2.1	35
74	Amelioration of cognitive deficits and neurodegeneration by curcumin in rat model of sporadic dementia of Alzheimer's type (SDAT)â†. <i>European Neuropsychopharmacology</i> , 2009, 19, 636-647.	0.7	196
75	Effects of Pycnogenol and vitamin E on cognitive deficits and oxidative damage induced by intracerebroventricular streptozotocin in rats. <i>Behavioural Pharmacology</i> , 2009, 20, 567-575.	1.7	44
76	Selenium plays a modulatory role against cerebral ischemia-induced neuronal damage in rat hippocampus. <i>Brain Research</i> , 2007, 1147, 218-225.	2.2	71
77	Behavioral and Histologic Neuroprotection of Aqueous Garlic Extract After Reversible Focal Cerebral Ischemia. <i>Journal of Medicinal Food</i> , 2006, 9, 537-544.	1.5	41
78	Coenzyme Q10 modulates cognitive impairment against intracerebroventricular injection of streptozotocin in rats. <i>Behavioural Brain Research</i> , 2006, 171, 9-16.	2.2	175
79	Effect of dietary sesame oil as antioxidant on brain hippocampus of rat in focal cerebral ischemia. <i>Life Sciences</i> , 2006, 79, 1921-1928.	4.3	63
80	Prevention of cognitive impairments and neurodegeneration by Khamira Abresham Hakim Arshad Wala. <i>Journal of Ethnopharmacology</i> , 2006, 108, 68-73.	4.1	30
81	Attenuation by <i>Nardostachys jatamansi</i> of 6-hydroxydopamine-induced parkinsonism in rats: behavioral, neurochemical, and immunohistochemical studies. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 83, 150-160.	2.9	73
82	Effect of Saffron (<i>Crocus sativus</i>) on Neurobehavioral and Neurochemical Changes in Cerebral Ischemia in Rats. <i>Journal of Medicinal Food</i> , 2006, 9, 246-253.	1.5	92
83	Ginkgo biloba affords dose-dependent protection against 6-hydroxydopamine-induced parkinsonism in rats: neurobehavioural, neurochemical and immunohistochemical evidences. <i>Journal of Neurochemistry</i> , 2005, 93, 94-104.	3.9	137
84	Selenium Protects Cerebral Ischemia in Rat Brain Mitochondria. <i>Biological Trace Element Research</i> , 2004, 101, 73-86.	3.5	85