

Kumar Vaibhav

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,817
citations

186254

28
h-index

223791

46
g-index

49
all docs

49
docs citations

49
times ranked

4548
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Human Neural Stem Cell Extracellular Vesicles Improve Tissue and Functional Recovery in the Murine Thromboembolic Stroke Model. <i>Translational Stroke Research</i> , 2018, 9, 530-539.	4.2	200
3	Rutin protects the neural damage induced by transient focal ischemia in rats. <i>Brain Research</i> , 2009, 1292, 123-135.	2.2	176
4	Naringenin ameliorates Alzheimer's disease (AD)-type neurodegeneration with cognitive impairment (AD-TNDCI) caused by the intracerebroventricular-streptozotocin in rat model. <i>Neurochemistry International</i> , 2012, 61, 1081-1093.	3.8	137
5	Piperine suppresses cerebral ischemia-reperfusion-induced inflammation through the repression of COX-2, NOS-2, and NF- κ B in middle cerebral artery occlusion rat model. <i>Molecular and Cellular Biochemistry</i> , 2012, 367, 73-84.	3.1	122
6	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
7	S-allyl cysteine attenuates oxidative stress associated cognitive impairment and neurodegeneration in mouse model of streptozotocin-induced experimental dementia of Alzheimer's type. <i>Brain Research</i> , 2011, 1389, 133-142.	2.2	107
8	Neutrophil extracellular traps exacerbate neurological deficits after traumatic brain injury. <i>Science Advances</i> , 2020, 6, eaax8847.	10.3	94
9	Revisiting Traumatic Brain Injury: From Molecular Mechanisms to Therapeutic Interventions. <i>Biomedicines</i> , 2020, 8, 389.	3.2	92
10	Effect of hesperidin on neurobehavioral, neuroinflammation, oxidative stress and lipid alteration in intracerebroventricular streptozotocin induced cognitive impairment in mice. <i>Journal of the Neurological Sciences</i> , 2015, 348, 51-59.	0.6	91
11	Attenuation of $\text{A}\beta$ -induced neurotoxicity by thymoquinone via inhibition of mitochondrial dysfunction and oxidative stress. <i>Molecular and Cellular Biochemistry</i> , 2012, 369, 55-65.	3.1	90
12	Remote Ischemic Postconditioning: Harnessing Endogenous Protection in a Murine Model of Vascular Cognitive Impairment. <i>Translational Stroke Research</i> , 2015, 6, 69-77.	4.2	85
13	Selective activation of cannabinoid receptor-2 reduces neuroinflammation after traumatic brain injury via alternative macrophage polarization. <i>Brain, Behavior, and Immunity</i> , 2018, 68, 224-237.	4.1	85
14	Amelioration of cognitive impairment and neurodegeneration by catechin hydrate in rat model of streptozotocin-induced experimental dementia of Alzheimer's type. <i>Neurochemistry International</i> , 2013, 62, 492-501.	3.8	82
15	1,8-Cineole (Eucalyptol) Mitigates Inflammation in Amyloid Beta Toxicated PC12 Cells: Relevance to Alzheimer's Disease. <i>Neurochemical Research</i> , 2014, 39, 344-352.	3.3	80
16	White matter damage after traumatic brain injury: A role for damage associated molecular patterns. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2614-2626.	3.8	73
17	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
18	Neurological consequences of COVID-19: what have we learned and where do we go from here?. <i>Journal of Neuroinflammation</i> , 2020, 17, 286.	7.2	71

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19	Improved cisplatin delivery in cervical cancer cells by utilizing folate-grafted non-aggregated gelatin nanoparticles. <i>Biomedicine and Pharmacotherapy</i> , 2015, 69, 1-10.	5.6	69
20	Cannabidiol Modulates Cytokine Storm in Acute Respiratory Distress Syndrome Induced by Simulated Viral Infection Using Synthetic RNA. <i>Cannabis and Cannabinoid Research</i> , 2020, 5, 197-201.	2.9	69
21	Centella asiatica attenuates the neurobehavioral, neurochemical and histological changes in transient focal middle cerebral artery occlusion rats. <i>Neurological Sciences</i> , 2013, 34, 925-933.	1.9	66
22	Remote ischemic post-conditioning promotes hematoma resolution via AMPK-dependent immune regulation. <i>Journal of Experimental Medicine</i> , 2018, 215, 2636-2654.	8.5	56
23	Activation of Myeloid TLR4 Mediates T Lymphocyte Polarization after Traumatic Brain Injury. <i>Journal of Immunology</i> , 2017, 198, 3615-3626.	0.8	50
24	Perillyl alcohol improves functional and histological outcomes against ischemia-reperfusion injury by attenuation of oxidative stress and repression of COX-2, NOS-2 and NF- κ B in middle cerebral artery occlusion rats. <i>European Journal of Pharmacology</i> , 2015, 747, 190-199.	3.5	49
25	Taurine ameliorates neurobehavioral, neurochemical and immunohistochemical changes in sporadic dementia of Alzheimer's type (SDAT) caused by intracerebroventricular streptozotocin in rats. <i>Neurological Sciences</i> , 2013, 34, 2181-2192.	1.9	40
26	Delayed administration of zingerone mitigates the behavioral and histological alteration via repression of oxidative stress and intrinsic programmed cell death in focal transient ischemic rats. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 113, 53-62.	2.9	38
27	Quercetin mitigates lead acetate-induced behavioral and histological alterations via suppression of oxidative stress, Hsp-70, Bak and upregulation of Bcl-2. <i>Food and Chemical Toxicology</i> , 2014, 68, 297-306.	3.6	37
28	Attenuation of oxidative damage-associated cognitive decline by <i>Withania somnifera</i> in rat model of streptozotocin-induced cognitive impairment. <i>Protoplasma</i> , 2013, 250, 1067-1078.	2.1	30
29	<i>Bacopa monniera</i> 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
30	Pharmacological and Therapeutic Approaches in the Treatment of Epilepsy. <i>Biomedicines</i> , 2021, 9, 470.	3.2	28
31	A 2 ² factorial design for the combination therapy of minocycline and remote ischemic preconditioning: efficacy in a preclinical trial in murine thromboembolic stroke model. <i>Experimental & Translational Stroke Medicine</i> , 2014, 6, 10.	3.2	27
32	Cannabidiol Ameliorates Cognitive Function via Regulation of IL-33 and TREM2 Upregulation in a Murine Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 973-977.	2.6	27
33	Targeting the endocannabinoid system: a predictive, preventive, and personalized medicine-directed approach to the management of brain pathologies. <i>EPMA Journal</i> , 2020, 11, 217-250.	6.1	25
34	Bone Marrow Derived Extracellular Vesicles Activate Osteoclast Differentiation in Traumatic Brain Injury Induced Bone Loss. <i>Cells</i> , 2019, 8, 63.	4.1	21
35	Rescuing mitochondria in traumatic brain injury and intracerebral hemorrhages - A potential therapeutic approach. <i>Neurochemistry International</i> , 2021, 150, 105192.	3.8	21
36	AMPK induces regulatory innate lymphoid cells after traumatic brain injury. <i>JCI Insight</i> , 2021, 6, .	5.0	21

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37	Azadirachta indica mitigates behavioral impairments, oxidative damage, histological alterations and apoptosis in focal cerebral ischemiaâ€“reperfusion model of rats. Neurological Sciences, 2013, 34, 1321-1330.	1.9	20
38	Impact of cannabidiol treatment on regulatory T-17 cells and neutrophil polarization in acute kidney injury. American Journal of Physiology - Renal Physiology, 2018, 315, F1149-F1158.	2.7	18
39	Estrogen Receptor $\hat{1}^2$ Agonist Attenuates Endoplasmic Reticulum Stress-Induced Changes in Social Behavior and Brain Connectivity in Mice. Molecular Neurobiology, 2018, 55, 7606-7618.	4.0	12
40	Terminalia arjuna bark extract inhibits histological alterations by mitigating oxidative stress in lead intoxicated mice. Oriental Pharmacy and Experimental Medicine, 2013, 13, 253-265.	1.2	11
41	Infections of the lung: a predictive, preventive and personalized perspective through the lens of evolution, the emergence of SARS-CoV-2 and its pathogenesis. EPMA Journal, 2020, 11, 581-601.	6.1	11
42	Regulation of Innate Lymphoid Cells in Acute Kidney Injury: Crosstalk between Cannabidiol and GILZ. Journal of Immunology Research, 2020, 2020, 1-10.	2.2	11
43	Inflammaging and Cannabinoids. Ageing Research Reviews, 2021, 72, 101487.	10.9	10
44	Inhalant Cannabidiol Inhibits Glioblastoma Progression Through Regulation of Tumor Microenvironment. Cannabis and Cannabinoid Research, 2023, 8, 824-834.	2.9	9
45	A potential role for cannabichromene in modulating TRP channels during acute respiratory distress syndrome. Journal of Cannabis Research, 2021, 3, 45.	3.2	7
46	Occupational exposure to pesticides in female tea garden workers and adverse birth outcomes. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22677.	3.0	4
47	Pilot Study of Remote Ischemic Conditioning in Acute Spontaneous Intracerebral Hemorrhage. Frontiers in Neuroscience, 2022, 16, .	2.8	2
48	Conditioning medicine for ischemic and hemorrhagic stroke. Conditioning Medicine, 2021, 4, 124-129.	1.3	0