

Kumar Vaibhav

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,817
citations

186265
28
h-index

223800
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. Brain Research, 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. Translational Stroke Research, 2018, 9, 530-539.	4.2	200
3	Rutin protects the neural damage induced by transient focal ischemia in rats. Brain Research, 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. Neurochemistry International, 2012, 61, 1081-1093.	3.8	137
5	Piperine suppresses cerebral ischemia's reperfusion-induced inflammation through the repression of COX-2, NOS-2, and NF- κ B in middle cerebral artery occlusion rat model. Molecular and Cellular Biochemistry, 2012, 367, 73-84.	3.1	122
6	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
7	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.	2.2	107
8	Neutrophil extracellular traps exacerbate neurological deficits after traumatic brain injury. Science Advances, 2020, 6, eaax8847.	10.3	94
9	Revisiting Traumatic Brain Injury: From Molecular Mechanisms to Therapeutic Interventions. Biomedicines, 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. Journal of the Neurological Sciences, 2015, 348, 51-59.	0.6	91
11	Attenuation of A β -induced neurotoxicity by thymoquinone via inhibition of mitochondrial dysfunction and oxidative stress. Molecular and Cellular Biochemistry, 2012, 369, 55-65.	3.1	90
12	Remote Ischemic Postconditioning: Harnessing Endogenous Protection in a Murine Model of Vascular Cognitive Impairment. Translational Stroke Research, 2015, 6, 69-77.	4.2	85
13	Selective activation of cannabinoid receptor-2 reduces neuroinflammation after traumatic brain injury via alternative macrophage polarization. Brain, Behavior, and Immunity, 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. Neurochemistry International, 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. Neurochemical Research, 2014, 39, 344-352.	3.3	80
16	White matter damage after traumatic brain injury: A role for damage associated molecular patterns. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2614-2626.	3.8	73
17	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
18	Neurological consequences of COVID-19: what have we learned and where do we go from here?. Journal of Neuroinflammation, 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 Withania somnifera in rat model of streptozotocin-induced cognitive impairment. <i>Protoplasma</i> , 2013, 250, 1067-1078.	2.1	30
29	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
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