

Alok Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,192
citations

516215

16
h-index

525886

27
g-index

31
all docs

31
docs citations

31
times ranked

4805
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroinflammation after traumatic brain injury: Opportunities for therapeutic intervention. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 1191-1201.	2.0	550
2	Microglia in the TBI brain: The good, the bad, and the dysregulated. <i>Experimental Neurology</i> , 2016, 275, 316-327.	2.0	519
3	Progressive Neurodegeneration After Experimental Brain Trauma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 14-29.	0.9	406
4	Microglial/Macrophage Polarization Dynamics following Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 1732-1750.	1.7	248
5	Microglial-derived microparticles mediate neuroinflammation after traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2017, 14, 47.	3.1	228
6	Traumatic brain injury in aged animals increases lesion size and chronically alters microglial/macrophage classical and alternative activation states. <i>Neurobiology of Aging</i> , 2013, 34, 1397-1411.	1.5	213
7	Spinal Cord Injury Causes Brain Inflammation Associated with Cognitive and Affective Changes: Role of Cell Cycle Pathways. <i>Journal of Neuroscience</i> , 2014, 34, 10989-11006.	1.7	201
8	NOX2 drives M1-like microglial/macrophage activation and neurodegeneration following experimental traumatic brain injury. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 291-309.	2.0	152
9	Metabolomic analysis of serum by (1) H NMR spectroscopy in amyotrophic lateral sclerosis. <i>Clinica Chimica Acta</i> , 2010, 411, 563-567.	0.5	97
10	PLA2G4A/cPLA2-mediated lysosomal membrane damage leads to inhibition of autophagy and neurodegeneration after brain trauma. <i>Autophagy</i> , 2020, 16, 466-485.	4.3	95
11	Endoplasmic Reticulum Stress and Disrupted Neurogenesis in the Brain Are Associated with Cognitive Impairment and Depressive-Like Behavior after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 1919-1935.	1.7	94
12	Cell death mechanisms in the early stages of acute glutamate neurotoxicity. <i>Neuroscience Research</i> , 2010, 66, 271-278.	1.0	70
13	Novel mGluR5 Positive Allosteric Modulator Improves Functional Recovery, Attenuates Neurodegeneration, and Alters Microglial Polarization after Experimental Traumatic Brain Injury. <i>Neurotherapeutics</i> , 2014, 11, 857-869.	2.1	70
14	NOX2 deficiency alters macrophage phenotype through an IL-10/STAT3 dependent mechanism: implications for traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2017, 14, 65.	3.1	65
15	Inhibition of NOX2 signaling limits pain-related behavior and improves motor function in male mice after spinal cord injury: Participation of IL-10/miR-155 pathways. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 73-87.	2.0	48
16	Cell cycle inhibition reduces inflammatory responses, neuronal loss, and cognitive deficits induced by hypobaric exposure following traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2016, 13, 299.	3.1	34
17	Exosomes Secreted by Umbilical Cord Blood-Derived Mesenchymal Stem Cell Attenuate Diabetes in Mice. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-15.	1.0	16
18	Impaired Autophagy Flux is Associated with Proinflammatory Microglia Activation Following Japanese Encephalitis Virus Infection. <i>Neurochemical Research</i> , 2020, 45, 2184-2195.	1.6	15

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19	Endovascular Treatment in Spinal Perimedullary Arteriovenous Fistula. <i>Interventional Neuroradiology</i> , 2014, 20, 357-367.	0.7	14
20	Astrocyte activation following nitrous oxide exposure is related to oxidative stress and glutamate excitotoxicity. <i>Brain Research</i> , 2020, 1730, 146645.	1.1	11
21	CCR2 Inhibition Reduces Neurotoxic Microglia Activation Phenotype After Japanese Encephalitis Viral Infection. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 230.	1.8	11
22	In Vivo Neuroprotective Effects of Peripheral Kynurenine on Acute Neurotoxicity Induced by Glutamate in Rat Cerebral Cortex. <i>Neurochemical Research</i> , 2010, 35, 636-644.	1.6	10
23	Targeted genome editing. , 2021, , 75-89.		7
24	Utility of neutrophil CD64 in distinguishing bacterial infection from inflammation in severe alcoholic hepatitis fulfilling SIRS criteria. <i>Scientific Reports</i> , 2021, 11, 19726.	1.6	5
25	Diagnostic yield of endoscopic ultrasound-guided fine-needle aspiration of tubercular lymphadenitis using combination of cytology and Gene Xpert Mycobacterium tuberculosis/rifampicin (MTB/RIF) genes. <i>Indian Journal of Gastroenterology</i> , 2021, , 1.	0.7	4
26	Mercury exposure in sporadic amyotrophic lateral sclerosis patients from Ganga plain region in India: A retrospective study. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 373-381.	0.6	3
27	Time-restricted feeding ameliorates maternal high-fat diet-induced fetal lung injury. <i>Experimental and Molecular Pathology</i> , 2020, 114, 104413.	0.9	3
28	Pro-inflammatory and anti-inflammatory cytokine genes polymorphisms and susceptibility to Japanese encephalitis disease in the North Indian population. <i>Cytokine</i> , 2022, 149, 155716.	1.4	2
29	Customized autophagy: a long way to go. <i>Neuroimmunology and Neuroinflammation</i> , 2018, 5, 16.	1.4	0
30	State-of-the-art preclinical evaluation of COVID-19 vaccine candidates. <i>Exploration of Immunology</i> , 0, , 440-460.	1.7	0