

Avijit Banik

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

456
citations

840728

11
h-index

713444

21
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all docs

27
docs citations

27
times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal Factors that Induce Epigenetic Changes Contribute to Neurological Disorders in Offspring. <i>Genes</i> , 2017, 8, 150.	2.4	90
2	Translation of Pre-Clinical Studies into Successful Clinical Trials for Alzheimer's Disease: What are the Roadblocks and How Can They Be Overcome? <i>Journal of Alzheimer's Disease</i> , 2015, 47, 815-843.	2.6	84
3	Potential for Stem Cells Therapy in Alzheimer's Disease: Do Neurotrophic Factors Play Critical Role?. <i>Current Alzheimer Research</i> , 2017, 14, 208-220.	1.4	47
4	The Animal Models of Dementia and Alzheimer's Disease for Pre-Clinical Testing and Clinical Translation. <i>Current Alzheimer Research</i> , 2012, 9, 1010-1029.	1.4	34
5	Potent, Selective, Water Soluble, Brain-Permeable EP2 Receptor Antagonist for Use in Central Nervous System Disease Models. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1032-1050.	6.4	21
6	Peripherally Restricted, Highly Potent, Selective, Aqueous-Soluble EP2 Antagonist with Anti-Inflammatory Properties. <i>Molecular Pharmaceutics</i> , 2018, 15, 5809-5817.	4.6	19
7	Alteration of Neurotrophic Factors After Transplantation of Bone Marrow Derived Lineage Negative Stem Cell in NMDA-Induced Mouse Model of Retinal Degeneration. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1699-1711.	2.6	17
8	Bacopa monniera selectively attenuates suppressed Superoxide dismutase activity in diazepam induced amnesic mice. <i>Annals of Neurosciences</i> , 2011, 18, 8-13.	1.7	16
9	Effect of human umbilical cord blood derived lineage negative stem cells transplanted in amyloid- β induced cognitive impaired mice. <i>Behavioural Brain Research</i> , 2015, 291, 46-59.	2.2	16
10	Neurotrophic Factors Mediated Activation of Astrocytes Ameliorate Memory Loss by Amyloid Clearance after Transplantation of Lineage Negative Stem Cells. <i>Molecular Neurobiology</i> , 2019, 56, 8420-8434.	4.0	16
11	High glucose alters the DNA methylation pattern of neurodevelopment associated genes in human neural progenitor cells in vitro. <i>Scientific Reports</i> , 2020, 10, 15676.	3.3	14
12	A Novel Second-Generation EP2 Receptor Antagonist Reduces Neuroinflammation and Gliosis After Status Epilepticus in Rats. <i>Neurotherapeutics</i> , 2021, 18, 1207-1225.	4.4	14
13	Loss of learning in mice when exposed to rat odor: A water maze study. <i>Behavioural Brain Research</i> , 2011, 216, 466-471.	2.2	9
14	Neuroimmunometabolism: A New Pathological Nexus Underlying Neurodegenerative Disorders. <i>Journal of Neuroscience</i> , 2022, 42, 1888-1907.	3.6	9
15	Novel Microglia Cell Line Expressing the Human EP2 Receptor. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4280-4292.	3.5	8
16	Alpha lipoic acid attenuates the long-term effects of lead exposure in retinal ischemic injury mouse model. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15548-15558.	5.3	7
17	CD34 and CD117 Stemness of Lineage-Negative Cells Reverses Memory Loss Induced by Amyloid Beta in Mouse Model. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 222.	2.0	6
18	An Enriched Population of CD45, CD34 and CD117 Stem Cells in Human Umbilical Cord Blood for Potential Therapeutic Regenerative Strategies. <i>Current Neurovascular Research</i> , 2014, 11, 312-320.	1.1	5

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19	Second-Generation Prostaglandin Receptor EP2 Antagonist, TG8-260, with High Potency, Selectivity, Oral Bioavailability, and Anti-Inflammatory Properties. ACS Pharmacology and Translational Science, 2022, 5, 118-133.	4.9	5
20	Pharmacological antagonism of EP2 receptor does not modify basal cardiovascular and respiratory function, blood cell counts, and bone morphology in animal models. Biomedicine and Pharmacotherapy, 2022, 147, 112646.	5.6	5
21	Creating a role model for "Academicians" Social Responsibility (ASR) synergizing with Swachh Bharat Abhiyaan: A campus hygiene initiative by PGIMER, Chandigarh. Annals of Neurosciences, 2019, 26, 75-81.	1.7	4
22	Is Brain-Derived Neurotrophic Factor: A Common Link Between Neurodegenerative Disorders and Cancer?. Current Alzheimer Research, 2019, 16, 344-352.	1.4	4
23	Preclinical Non-human Models to Combat Dementia. Annals of Neurosciences, 2013, 20, 24-9.	1.7	3
24	Prostaglandin EP2 receptor antagonist ameliorates neuroinflammation in a two-hit mouse model of Alzheimer's disease. Journal of Neuroinflammation, 2021, 18, 273.	7.2	2
25	Academic Social Responsibility and Quality Assurance in the Developing World: A Framework for Implementation. , 2021, , 181-191.		1
26	Molecular Shots. Annals of Neurosciences, 2012, 19, 184.	1.7	0
27	One day CRIKC workshop on Technical Advances in Retinal Imaging. Annals of Neurosciences, 2015, 22, 244.	1.7	0