

Sumit Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,666
citations

516215

16
h-index

360668

35
g-index

38
all docs

38
docs citations

38
times ranked

2846
citing authors

#	ARTICLE	IF	CITATIONS
1	Endoplasmic Reticulum Stress Plays a Central Role in Development of Leptin Resistance. <i>Cell Metabolism</i> , 2009, 9, 35-51.	7.2	770
2	Neuroprotective and Therapeutic Strategies against Parkinson's Disease: Recent Perspectives. <i>International Journal of Molecular Sciences</i> , 2016, 17, 904.	1.8	146
3	Neuroprotective effect of the chemical chaperone, trehalose in a chronic MPTP-induced Parkinson's disease mouse model. <i>NeuroToxicology</i> , 2014, 44, 250-262.	1.4	103
4	Glucagon like peptide-1 (7-36) amide (GLP-1) nerve terminals densely innervate corticotropin-releasing hormone neurons in the hypothalamic paraventricular nucleus. <i>Brain Research</i> , 2003, 985, 163-168.	1.1	96
5	Role of metals in Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2021, 36, 1627-1639.	1.4	62
6	Longitudinal behavioral changes in the APP/PS1 transgenic Alzheimer's Disease model. <i>Behavioural Brain Research</i> , 2013, 242, 125-134.	1.2	41
7	Amyloid Beta 25-35 induces blood-brain barrier disruption in vitro. <i>Metabolic Brain Disease</i> , 2019, 34, 1365-1374.	1.4	35
8	Neuropeptide Y Has a Central Inhibitory Action on the Hypothalamic-Pituitary-Thyroid Axis. , 0, .		34
9	Microglial activation and responses to vasculature that result from an acute LPS exposure. <i>NeuroToxicology</i> , 2020, 77, 181-192.	1.4	30
10	Introducing Amylo-Glo, a novel fluorescent amyloid specific histochemical tracer especially suited for multiple labeling and large scale quantification studies. <i>Journal of Neuroscience Methods</i> , 2012, 209, 120-126.	1.3	27
11	Neuroprotective effects of acetyl-L-carnitine (ALC) in a chronic MPTP-induced Parkinson's disease mouse model: Endothelial and microglial effects. <i>Neuroscience Letters</i> , 2019, 703, 86-95.	1.0	26
12	Tauroursodeoxycholic acid (TUDCA) is neuroprotective in a chronic mouse model of Parkinson's disease. <i>Nutritional Neuroscience</i> , 2022, 25, 1374-1391.	1.5	25
13	Neurovascular Changes in Acute, sub-Acute and Chronic Mouse Models of Parkinson's Disease. <i>Current Neurovascular Research</i> , 2014, 11, 48-61.	0.4	23
14	Protein Kinases and Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1585.	1.8	22
15	Vascular-directed responses of microglia produced by methamphetamine exposure: indirect evidence that microglia are involved in vascular repair?. <i>Journal of Neuroinflammation</i> , 2016, 13, 64.	3.1	21
16	Chronic MPTP treatment produces hyperactivity in male mice which is not alleviated by concurrent trehalose treatment. <i>Behavioural Brain Research</i> , 2015, 292, 68-78.	1.2	19
17	Corticosterone and exogenous glucose alter blood glucose levels, neurotoxicity, and vascular toxicity produced by methamphetamine. <i>Journal of Neurochemistry</i> , 2017, 143, 198-213.	2.1	18
18	Identification of altered microRNAs in serum of a mouse model of Parkinson's disease. <i>Neuroscience Letters</i> , 2018, 687, 1-9.	1.0	18

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19	Microglial activation and vascular responses that are associated with early thalamic neurodegeneration resulting from thiamine deficiency. <i>NeuroToxicology</i> , 2018, 65, 98-110.	1.4	17
20	Changes in the metabolome and microRNA levels in biological fluids might represent biomarkers of neurotoxicity: A trimethyltin study. <i>Experimental Biology and Medicine</i> , 2018, 243, 228-236.	1.1	17
21	Kainic acid and 3-Nitropropionic acid induced expression of laminin in vascular elements of the rat brain. <i>Brain Research</i> , 2010, 1352, 239-247.	1.1	12
22	Brain endothelial dysfunction following pyriithiamine induced thiamine deficiency in the rat. <i>NeuroToxicology</i> , 2016, 57, 298-309.	1.4	12
23	Systemic Administration of Fluoro-Gold for the Histological Assessment of Vascular Structure, Integrity and Damage. <i>Current Neurovascular Research</i> , 2014, 11, 31-47.	0.4	9
24	Decreased Mcl-1 protein level in the striatum of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)-treated mice. <i>Brain Research</i> , 2018, 1678, 432-439.	1.1	9
25	Increased inflammation in BA21 brain tissue from African Americans with Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2020, 35, 121-133.	1.4	9
26	Modification of methods to use Congo-red stain to simultaneously visualize amyloid plaques and tangles in human and rodent brain tissue sections. <i>Metabolic Brain Disease</i> , 2020, 35, 1371-1383.	1.4	9
27	Impaired Amyloid Beta Clearance and Brain Microvascular Dysfunction are Present in the Tg-SwDI Mouse Model of Alzheimer's Disease. <i>Neuroscience</i> , 2020, 440, 48-55.	1.1	8
28	Temporal Progression of Kainic Acid Induced Changes in Vascular Laminin Expression in Rat Brain with Neuronal and Glial Correlates. <i>Current Neurovascular Research</i> , 2012, 9, 110-119.	0.4	7
29	In situ demonstration of Fluoro-Turquoise conjugated gelatin for visualizing brain vasculature and endothelial cells and their characterization in normal and kainic acid exposed animals. <i>Journal of Neuroscience Methods</i> , 2013, 219, 276-284.	1.3	7
30	The time course of blood brain barrier leakage and its implications on the progression of methamphetamine-induced seizures. <i>NeuroToxicology</i> , 2018, 69, 130-140.	1.4	7
31	In vivo administration of fluorescent dextrans for the specific and sensitive localization of brain vascular pericytes and their characterization in normal and neurotoxin exposed brains. <i>NeuroToxicology</i> , 2012, 33, 436-443.	1.4	6
32	In vivo demonstration of Congo Red labeled amyloid plaques via perfusion in the Alzheimer disease rat model. <i>Journal of Neuroscience Methods</i> , 2021, 353, 109082.	1.3	6
33	The Use of Recently Developed Histochemical Markers for Localizing Neurotoxicant Induced Regional Brain Pathologies. <i>Toxins</i> , 2014, 6, 1453-1470.	1.5	4
34	Alzheimer's disease: a step closer to understanding type 3 diabetes in African Americans. <i>Metabolic Brain Disease</i> , 2021, 36, 1803-1816.	1.4	4
35	Assessment of sex-related neuropathology and cognitive deficits in the Tg-SwDI mouse model of Alzheimer's disease. <i>Behavioural Brain Research</i> , 2022, 428, 113882.	1.2	4
36	Oral Administration of Thioflavin T Prevents Beta Amyloid Plaque Formation in Double Transgenic AD Mice. <i>Current Alzheimer Research</i> , 2015, 12, 837-846.	0.7	3

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37	Evaluation of Styrylbenzene analog- FSB and its affinity to bind parenchymal plaques and tangles in patients of Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2022, 37, 639-651.	1.4	0