

Sachin Gajghate

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,452
citations

567144

15
h-index

794469

19
g-index

20
all docs

20
docs citations

20
times ranked

2827
citing authors

#	ARTICLE	IF	CITATIONS
1	P2X7 inhibition prevents mitochondrial stress caused by alcohol and e-cigarette exposure in primary vascular endothelial cells and restores barrier function. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
2	miR-98 reduces endothelial dysfunction by protecting blood-brain barrier (BBB) and improves neurological outcomes in mouse ischemia/reperfusion stroke model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1953-1965.	2.4	86
3	Tobacco smoke and morphine alter peripheral and CNS inflammation following HIV infection in a humanized mouse model. <i>Scientific Reports</i> , 2020, 10, 13977.	1.6	6
4	Hyperglycemia and advanced glycation end products disrupt BBB and promote occludin and claudin-5 protein secretion on extracellular microvesicles. <i>Scientific Reports</i> , 2020, 10, 7274.	1.6	60
5	Combination of HIV-1 and Diabetes Enhances Blood Brain Barrier Injury via Effects on Brain Endothelium and Pericytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4663.	1.8	7
6	let-7g counteracts endothelial dysfunction and ameliorating neurological functions in mouse ischemia/reperfusion stroke model. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 543-555.	2.0	21
7	Electronic cigarette exposure disrupts blood-brain barrier integrity and promotes neuroinflammation. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 363-380.	2.0	32
8	Hyperglycemia-Driven Neuroinflammation Compromises BBB Leading to Memory Loss in Both Diabetes Mellitus (DM) Type 1 and Type 2 Mouse Models. <i>Molecular Neurobiology</i> , 2019, 56, 1883-1896.	1.9	186
9	Chronic Intrahippocampal Infusion of HIV-1 Neurotoxic Proteins: A Novel Mouse Model of HIV-1 Associated Inflammation and Neural Stem Cell Dysfunction. <i>Journal of Neuroimmune Pharmacology</i> , 2019, 14, 375-382.	2.1	9
10	Activation of GPR55 induces neuroprotection of hippocampal neurogenesis and immune responses of neural stem cells following chronic, systemic inflammation. <i>Brain, Behavior, and Immunity</i> , 2019, 76, 165-181.	2.0	37
11	Secoisolariciresinol diglucoside is a blood-brain barrier protective and anti-inflammatory agent: implications for neuroinflammation. <i>Journal of Neuroinflammation</i> , 2018, 15, 25.	3.1	38
12	Activation of GPR55 increases neural stem cell proliferation and promotes early adult hippocampal neurogenesis. <i>British Journal of Pharmacology</i> , 2018, 175, 3407-3421.	2.7	31
13	PARP inhibition in leukocytes diminishes inflammation via effects on integrins/cytoskeleton and protects the blood-brain barrier. <i>Journal of Neuroinflammation</i> , 2016, 13, 254.	3.1	38
14	Small Molecule Inhibitor of NRF2 Selectively Intervenes Therapeutic Resistance in KEAP1-Deficient NSCLC Tumors. <i>ACS Chemical Biology</i> , 2016, 11, 3214-3225.	1.6	364
15	Exposure to Electronic Cigarettes Impairs Pulmonary Anti-Bacterial and Anti-Viral Defenses in a Mouse Model. <i>PLoS ONE</i> , 2015, 10, e0116861.	1.1	321
16	<i>Nrf2</i> reduces allergic asthma in mice through enhanced airway epithelial cytoprotective function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L27-L36.	1.3	65
17	BMP-2 and TGF- β 2 stimulate expression of β 1,3-glucuronosyl transferase 1 (GlcAT-1) in nucleus pulposus cells through AP1, TonEBP, and Sp1: Role of MAPKs. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1179-1190.	3.1	56
18	Activation of TonEBP by Calcium Controls β 1,3-Glucuronosyltransferase-I Expression, a Key Regulator of Glycosaminoglycan Synthesis in Cells of the Intervertebral Disc. <i>Journal of Biological Chemistry</i> , 2009, 284, 9824-9834.	1.6	47

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19	Osmolarity and Intracellular Calcium Regulate Aquaporin2 Expression Through TonEBP in Nucleus Pulposus Cells of the Intervertebral Disc. Journal of Bone and Mineral Research, 2009, 24, 992-1001.	3.1	44