

Ravi K Sajja

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,223
citations

471371

17
h-index

610775

24
g-index

25
all docs

25
docs citations

25
times ranked

1936
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetes Mellitus and Blood-Brain Barrier Dysfunction: An Overview. <i>Journal of Pharmacovigilance</i> , 2014, 02, 125.	0.2	175
2	HMGB1 and thrombin mediate the blood-brain barrier dysfunction acting as biomarkers of neuroinflammation and progression to neurodegeneration in Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2016, 13, 194.	3.1	145
3	Role of Nrf2 and protective effects of Metformin against tobacco smoke-induced cerebrovascular toxicity. <i>Redox Biology</i> , 2017, 12, 58-69.	3.9	116
4	Drugs of abuse and blood-brain barrier endothelial dysfunction: A focus on the role of oxidative stress. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 539-554.	2.4	108
5	New experimental models of the blood-brain barrier for CNS drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 89-103.	2.5	96
6	Offsetting the impact of smoking and e-cigarette vaping on the cerebrovascular system and stroke injury: Is Metformin a viable countermeasure?. <i>Redox Biology</i> , 2017, 13, 353-362.	3.9	90
7	Impact of altered glycaemia on blood-brain barrier endothelium: an in vitro study using the hCMEC/D3 cell line. <i>Fluids and Barriers of the CNS</i> , 2014, 11, 8.	2.4	64
8	Altered Nrf2 Signaling Mediates Hypoglycemia-Induced Blood-Brain Barrier Endothelial Dysfunction In Vitro. <i>PLoS ONE</i> , 2015, 10, e0122358.	1.1	53
9	Impact of cigarette smoke extract and hyperglycemic conditions on blood-brain barrier endothelial cells. <i>Fluids and Barriers of the CNS</i> , 2015, 12, 18.	2.4	52
10	Lobeline and cytosine reduce voluntary ethanol drinking behavior in male C57BL/6J mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 257-264.	2.5	45
11	In Vitro Cerebrovascular Modeling in the 21st Century: Current and Prospective Technologies. <i>Pharmaceutical Research</i> , 2014, 31, 3229-3250.	1.7	41
12	Effect of full flavor and denicotinized cigarettes exposure on the brain microvascular endothelium: a microarray-based gene expression study using a human immortalized BBB endothelial cell line. <i>BMC Neuroscience</i> , 2015, 16, 38.	0.8	35
13	Neuronal nicotinic receptor ligands modulate chronic nicotine-induced ethanol consumption in C57BL/6J mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 36-43.	1.3	32
14	Blood-brain barrier disruption in diabetic mice is linked to Nrf2 signaling deficits: Role of ABCB10?. <i>Neuroscience Letters</i> , 2017, 653, 152-158.	1.0	30
15	A convenient UHPLC-MS/MS method for routine monitoring of plasma and brain levels of nicotine and cotinine as a tool to validate newly developed preclinical smoking model in mouse. <i>BMC Neuroscience</i> , 2017, 18, 71.	0.8	29
16	Nicotinic Ligands Modulate Ethanol-Induced Dopamine Function in Mice. <i>Pharmacology</i> , 2010, 86, 168-173.	0.9	25
17	Cytosine modulates chronic voluntary ethanol consumption and ethanol-induced striatal up-regulation of β -FosB in mice. <i>Alcohol</i> , 2013, 47, 299-307.	0.8	19
18	In Vitro Modulation of Redox and Metabolism Interplay at the Brain Vascular Endothelium: Genomic and Proteomic Profiles of Sulforaphane Activity. <i>Scientific Reports</i> , 2018, 8, 12708.	1.6	17

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19	Nicotinic receptor partial agonists modulate alcohol deprivation effect in C57BL/6J mice. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 110, 161-167.	1.3	15
20	Altered glycaemia differentially modulates efflux transporter expression and activity in hCMEC/D3 cell line. <i>Neuroscience Letters</i> , 2015, 598, 59-65.	1.0	11
21	Differential Cerebrovascular Toxicity of Various Tobacco Products: A Regulatory Perspective. <i>Journal of Pharmacovigilance</i> , 2015, 03, .	0.2	10
22	Hyperglycemia exacerbates antiretroviral drug combination induced blood-brain barrier endothelial toxicity. <i>NeuroToxicology</i> , 2016, 56, 1-6.	1.4	6
23	In vitro characterization of odorranalectin for peptide-based drug delivery across the blood-brain barrier. <i>BMC Neuroscience</i> , 2019, 20, 22.	0.8	6
24	Proximate Mediators of Microvascular Dysfunction at the Blood-Brain Barrier: Neuroinflammatory Pathways to Neurodegeneration. <i>BioMed Research International</i> , 2017, 2017, 1-14.	0.9	3
25	Lobeline attenuates behavioral and neurochemical effects of ethanol in a preclinical model of alcoholism. <i>FASEB Journal</i> , 2009, 23, 590.3.	0.2	0