

Nithi Asavapanumas

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

938
citations

471509

17
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1206
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracellular Ca ²⁺ stores control in vivo neuronal hyperactivity in a mouse model of Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1279-E1288.	7.1	97
2	Involvement of antibody-dependent cell-mediated cytotoxicity in inflammatory demyelination in a mouse model of neuromyelitis optica. <i>Acta Neuropathologica</i> , 2013, 126, 699-709.	7.7	95
3	Biology of AQP4 and Anti-AQP4 Antibody: Therapeutic Implications for NMO. <i>Brain Pathology</i> , 2013, 23, 684-695.	4.1	95
4	Greatly improved survival and neuroprotection in aquaporin-4 knockout mice following global cerebral ischemia. <i>FASEB Journal</i> , 2014, 28, 705-714.	0.5	75
5	Neuroprotective effect of aquaporin-4 deficiency in a mouse model of severe global cerebral ischemia produced by transient 4-vessel occlusion. <i>Neuroscience Letters</i> , 2014, 574, 70-75.	2.1	67
6	Therapeutic Cleavage of Anti-Aquaporin-4 Autoantibody in Neuromyelitis Optica by an IgG-Selective Proteinase. <i>Molecular Pharmacology</i> , 2013, 83, 1268-1275.	2.3	58
7	C1q-targeted monoclonal antibody prevents complement-dependent cytotoxicity and neuropathology in in vitro and mouse models of neuromyelitis optica. <i>Acta Neuropathologica</i> , 2013, 125, 829-840.	7.7	57
8	Unique neuromyelitis optica pathology produced in naive rats by intracerebral administration of NMO-IgG. <i>Acta Neuropathologica</i> , 2014, 127, 539-551.	7.7	55
9	Experimental mouse model of optic neuritis with inflammatory demyelination produced by passive transfer of neuromyelitis optica-immunoglobulin G. <i>Journal of Neuroinflammation</i> , 2014, 11, 16.	7.2	53
10	Healthy Brain Aging Modifies Microglial Calcium Signaling In Vivo. <i>International Journal of Molecular Sciences</i> , 2019, 20, 589.	4.1	48
11	Neuromyelitis optica pathology in rats following intraperitoneal injection of NMO-IgG and intracerebral needle injury. <i>Acta Neuropathologica Communications</i> , 2014, 2, 48.	5.2	47
12	Targeting the complement system in neuromyelitis optica spectrum disorder. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 1073-1086.	3.1	33
13	Cell motility and migration as determinants of stem cell efficacy. <i>EBioMedicine</i> , 2020, 60, 102989.	6.1	26
14	Emerging therapeutic targets for neuromyelitis optica spectrum disorder. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 219-229.	3.4	25
15	Potential Therapeutic Benefit of C1-Esterase Inhibitor in Neuromyelitis Optica Evaluated In Vitro and in an Experimental Rat Model. <i>PLoS ONE</i> , 2014, 9, e106824.	2.5	21
16	Bridging the gap between clinicians and systems biologists: from network biology to translational biomedical research. <i>Journal of Translational Medicine</i> , 2016, 14, 324.	4.4	21
17	Fenofibrate Down-regulates Renal OCT2-mediated Organic Cation Transport via PPAR α -independent Pathways. <i>Drug Metabolism and Pharmacokinetics</i> , 2012, 27, 513-519.	2.2	19
18	Liver X receptor activation downregulates organic anion transporter 1 (OAT1) in the renal proximal tubule. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F552-F560.	2.7	16

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19	In vivo mechanisms of cortical network dysfunction induced by systemic inflammation. <i>Brain, Behavior, and Immunity</i> , 2021, 96, 113-126.	4.1	12
20	Activation of liver X receptor inhibits OCT2-mediated organic cation transport in renal proximal tubular cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 1471-1481.	2.8	10
21	Role of intracellular Ca ²⁺ stores for an impairment of visual processing in a mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2019, 121, 315-326.	4.4	5
22	A generation of human induced pluripotent stem cell line (MUi031-A) from a type-3 Gaucher disease patient carrying homozygous mutation on GBA1 gene. <i>Stem Cell Research</i> , 2022, 60, 102698.	0.7	3
23	Liver x receptors regulate human organic anion transporter 1 in renal proximal tubule. <i>FASEB Journal</i> , 2012, 26, 1152.19.	0.5	0