

Alexander S Thrane

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,999
citations

759233

12
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

2830
citing authors

#	ARTICLE	IF	CITATIONS
1	Aquaporin-4-dependent glymphatic solute transport in the rodent brain. <i>ELife</i> , 2018, 7, .	6.0	365
2	Î±1-Adrenergic receptors mediate coordinated Ca ²⁺ signaling of cortical astrocytes in awake, behaving mice. <i>Cell Calcium</i> , 2013, 54, 387-394.	2.4	340
3	General anesthesia selectively disrupts astrocyte calcium signaling in the awake mouse cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18974-18979.	7.1	255
4	Critical role of aquaporin-4 (AQP4) in astrocytic Ca ²⁺ signaling events elicited by cerebral edema. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 846-851.	7.1	243
5	Ammonia triggers neuronal disinhibition and seizures by impairing astrocyte potassium buffering. <i>Nature Medicine</i> , 2013, 19, 1643-1648.	30.7	216
6	Drowning stars: reassessing the role of astrocytes in brain edema. <i>Trends in Neurosciences</i> , 2014, 37, 620-628.	8.6	177
7	Paravascular microcirculation facilitates rapid lipid transport and astrocyte signaling in the brain. <i>Scientific Reports</i> , 2013, 3, 2582.	3.3	152
8	An ocular glymphatic clearance system removes Î²-amyloid from the rodent eye. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	116
9	In Vivo NADH Fluorescence Imaging Indicates Effect of Aquaporin-4 Deletion on Oxygen Microdistribution in Cortical Spreading Depression. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 996-999.	4.3	28
10	Brain edema: a valid endpoint for measuring hepatic encephalopathy?. <i>Metabolic Brain Disease</i> , 2016, 31, 1249-1258.	2.9	25
11	Filtering the muddied waters of brain edema. <i>Trends in Neurosciences</i> , 2015, 38, 333-335.	8.6	20
12	Acute retinal necrosis and ocular neovascularization caused by cytomegalovirus following intravitreal dexamethasone implant (Ozurdex [®]) in an immunocompetent patient. <i>Acta Ophthalmologica</i> , 2016, 94, e813-e814.	1.1	16
13	A novel interpretation of immune redundancy and duality in reperfusion injury with important implications for intervention in ischaemic disease. <i>Medical Hypotheses</i> , 2007, 68, 1363-1370.	1.5	13
14	Twists and turns of ocular glymphatic clearance â€“ new study reveals surprising findings in glaucoma. <i>Acta Ophthalmologica</i> , 2021, 99, e283-e284.	1.1	12
15	Effect of Apraclonidine and Diclofenac on Early Changes in Intraocular Pressure After Selective Laser Trabeculoplasty. <i>Journal of Glaucoma</i> , 2020, 29, 280-286.	1.6	5
16	Branch retinal artery occlusion as a clinical manifestation of hereditary haemorrhagic telangiectasia (Oslerâ€™Weberâ€™Rendu syndrome) in pregnancy. <i>Acta Ophthalmologica</i> , 2018, 96, 197-199.	1.1	2
17	Simultaneous bilateral aqueous misdirection following certolizumab therapy for rheumatoid arthritis. <i>BMJ Case Reports</i> , 2020, 13, e235194.	0.5	1