

Stefanie Robel

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

4,452
citations

430754

18
h-index

642610

23
g-index

26
all docs

26
docs citations

26
times ranked

6895
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive astrocyte nomenclature, definitions, and future directions. <i>Nature Neuroscience</i> , 2021, 24, 312-325.	7.1	1,098
2	A neurocentric perspective on glioma invasion. <i>Nature Reviews Neuroscience</i> , 2014, 15, 455-465.	4.9	619
3	The stem cell potential of glia: lessons from reactive gliosis. <i>Nature Reviews Neuroscience</i> , 2011, 12, 88-104.	4.9	480
4	Disruption of astrocyte-vascular coupling and the blood-brain barrier by invading glioma cells. <i>Nature Communications</i> , 2014, 5, 4196.	5.8	427
5	Glutamate release by primary brain tumors induces epileptic activity. <i>Nature Medicine</i> , 2011, 17, 1269-1274.	15.2	405
6	Reactive Astroglia Causes the Development of Spontaneous Seizures. <i>Journal of Neuroscience</i> , 2015, 35, 3330-3345.	1.7	224
7	SLC7A11 expression is associated with seizures and predicts poor survival in patients with malignant glioma. <i>Science Translational Medicine</i> , 2015, 7, 289ra86.	5.8	207
8	Glia as drivers of abnormal neuronal activity. <i>Nature Neuroscience</i> , 2016, 19, 28-33.	7.1	152
9	Astrocytes are necessary for blood-brain barrier maintenance in the adult mouse brain. <i>Glia</i> , 2021, 69, 436-472.	2.5	145
10	GABAergic disinhibition and impaired KCC2 cotransporter activity underlie tumor-associated epilepsy. <i>Glia</i> , 2015, 63, 23-36.	2.5	117
11	Vascular amyloidosis impairs the gliovascular unit in a mouse model of Alzheimer's disease. <i>Brain</i> , 2015, 138, 3716-3733.	3.7	116
12	Conditional deletion of β 1-integrin in astroglia causes partial reactive gliosis. <i>Glia</i> , 2009, 57, 1630-1647.	2.5	103
13	Genetic Deletion of <i>Cdc42</i> Reveals a Crucial Role for Astrocyte Recruitment to the Injury Site <i>In Vitro</i> and <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2011, 31, 12471-12482.	1.7	77
14	Repetitive Diffuse Mild Traumatic Brain Injury Causes an Atypical Astrocyte Response and Spontaneous Recurrent Seizures. <i>Journal of Neuroscience</i> , 2019, 39, 1944-1963.	1.7	70
15	Glutamate and tumor-associated epilepsy: Glial cell dysfunction in the peritumoral environment. <i>Neurochemistry International</i> , 2013, 63, 696-701.	1.9	53
16	Astroglial Scarring and Seizures. <i>Neuroscientist</i> , 2017, 23, 152-168.	2.6	47
17	Serotonin Depletion Hampers Survival and Proliferation in Neurospheres Derived from Adult Neural Stem Cells. <i>Neuropsychopharmacology</i> , 2010, 35, 893-903.	2.8	40
18	Potassium and glutamate transport is impaired in scar-forming tumor-associated astrocytes. <i>Neurochemistry International</i> , 2020, 133, 104628.	1.9	24

#	ARTICLE	IF	CITATIONS
19	Mild Traumatic Brain Injury/Concussion Initiates an Atypical Astrocyte Response Caused by Blood-Brain Barrier Dysfunction. <i>Journal of Neurotrauma</i> , 2022, 39, 211-226.	1.7	17
20	Inducing Post-Traumatic Epilepsy in a Mouse Model of Repetitive Diffuse Traumatic Brain Injury. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	9
21	Imaging and Manipulating Astrocyte Function In Vivo in the Context of CNS Injury. <i>Methods in Molecular Biology</i> , 2019, 1938, 233-246.	0.4	7
22	Mild Traumatic Brain Injury-Induced Disruption of the Blood-Brain Barrier Triggers an Atypical Neuronal Response. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 821885.	1.8	6
23	Leveraging Zebrafish To Study Bona Fide Astrocytes. <i>Trends in Neurosciences</i> , 2021, 44, 77-79.	4.2	5
24	Cover Image, Volume 69, Issue 2. <i>Glia</i> , 2021, 69, C1.	2.5	0