

Tianfu Li

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,585
citations

567281

15
h-index

315739

38
g-index

54
all docs

54
docs citations

54
times ranked

1465
citing authors

#	ARTICLE	IF	CITATIONS
1	A ketogenic diet suppresses seizures in mice through adenosine A1 receptors. <i>Journal of Clinical Investigation</i> , 2011, 121, 2679-2683.	8.2	245
2	Adenosine kinase is a target for the prediction and prevention of epileptogenesis in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 571-82.	8.2	206
3	Adenosine A1 receptors are crucial in keeping an epileptic focus localized. <i>Experimental Neurology</i> , 2006, 200, 184-190.	4.1	151
4	Suppression of kindling epileptogenesis by adenosine releasing stem cell-derived brain implants. <i>Brain</i> , 2007, 130, 1276-1288.	7.6	151
5	Video-rate imaging of biological dynamics at centimetre scale and micrometre resolution. <i>Nature Photonics</i> , 2019, 13, 809-816.	31.4	134
6	Adenosine dysfunction in astrogliosis: cause for seizure generation?. <i>Neuron Glia Biology</i> , 2007, 3, 353-366.	1.6	108
7	Autapses enhance bursting and coincidence detection in neocortical pyramidal cells. <i>Nature Communications</i> , 2018, 9, 4890.	12.8	66
8	Local disruption of glial adenosine homeostasis in mice associates with focal electrographic seizures: A first step in epileptogenesis?. <i>Glia</i> , 2012, 60, 83-95.	4.9	62
9	Uncoupling of astrogliosis from epileptogenesis in adenosine kinase (ADK) transgenic mice. <i>Neuron Glia Biology</i> , 2008, 4, 91-99.	1.6	39
10	Upregulation of HMGB1, toll-like receptor and RAGE in human Rasmussen's encephalitis. <i>Epilepsy Research</i> , 2016, 123, 36-49.	1.6	37
11	Timing and type of hemispherectomy for Rasmussen's encephalitis: Analysis of 45 patients. <i>Epilepsy Research</i> , 2017, 132, 109-115.	1.6	27
12	Upregulation of Adenosine Kinase in Rasmussen Encephalitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 1000-1008.	1.7	23
13	Role of DNA Methylation and Adenosine in Ketogenic Diet for Pharmacoresistant Epilepsy: Focus on Epileptogenesis and Associated Comorbidities. <i>Frontiers in Neurology</i> , 2019, 10, 119.	2.4	22
14	Adenosine Kinase Expression in Cortical Dysplasia With Balloon Cells. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 132-147.	1.7	21
15	Detection of EBV and HHV6 in the Brain Tissue of Patients with Rasmussen's Encephalitis. <i>Virologica Sinica</i> , 2018, 33, 402-409.	3.0	21
16	Vagus nerve stimulation for drug-resistant epilepsy induced by tuberous sclerosis complex. <i>Epilepsy and Behavior</i> , 2022, 126, 108431.	1.7	19
17	Ketogenic diet reduces Smac/Diablo and cytochrome c release and attenuates neuronal death in a mouse model of limbic epilepsy. <i>Brain Research Bulletin</i> , 2012, 89, 79-85.	3.0	17
18	Upregulation of Neuronal Adenosine A1 Receptor in Human Rasmussen Encephalitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 720-731.	1.7	16

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19	Upregulation of adenosine A2A receptor and downregulation of GLT1 is associated with neuronal cell death in Rasmussen's encephalitis. <i>Brain Pathology</i> , 2020, 30, 246-260.	4.1	15
20	Comparisons of the seizure-free outcome and visual field deficits between anterior temporal lobectomy and selective amygdalohippocampectomy: A systematic review and meta-analysis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 81, 228-235.	2.0	12
21	Characteristics, surgical outcomes, and influential factors of epilepsy in Sturge-Weber syndrome. <i>Brain</i> , 2022, 145, 3431-3443.	7.6	12
22	Long-term efficacy and cognitive effects of bilateral hippocampal deep brain stimulation in patients with drug-resistant temporal lobe epilepsy. <i>Neurological Sciences</i> , 2021, 42, 225-233.	1.9	11
23	Genetic variations of adenosine kinase as predictable biomarkers of efficacy of vagus nerve stimulation in patients with pharmacoresistant epilepsy. <i>Journal of Neurosurgery</i> , 2022, 136, 726-735.	1.6	10
24	The Potential Therapeutic Role of the HMGB1-TLR Pathway in Epilepsy. <i>Current Drug Targets</i> , 2021, 22, 171-182.	2.1	9
25	Long-term efficacy and cognitive effects of voltage-based deep brain stimulation for drug-resistant essential tremor. <i>Clinical Neurology and Neurosurgery</i> , 2020, 194, 105940.	1.4	9
26	Role of Adenosine Kinase Inhibitor in Adenosine Augmentation Therapy for Epilepsy: A Potential Novel Drug for Epilepsy. <i>Current Drug Targets</i> , 2020, 21, 252-257.	2.1	9
27	Rasmussen's encephalitis: mechanisms update and potential therapy target. <i>Therapeutic Advances in Chronic Disease</i> , 2020, 11, 204062232097141.	2.5	8
28	Predictors and Long-term Outcome of Resective Epilepsy Surgery in Patients with Tuberous Sclerosis Complex: A Single-centre Retrospective Cohort Study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 88, 45-52.	2.0	8
29	Prognostic factors of postoperative seizure outcomes in older patients with temporal lobe epilepsy. <i>Neurosurgical Focus</i> , 2020, 48, E7.	2.3	8
30	Stereotactic radiofrequency thermocoagulation and resective surgery for patients with hypothalamic hamartoma. <i>Journal of Neurosurgery</i> , 2020, 134, 1-8.	1.6	8
31	The correspondence between morphometric MRI and metabolic profile in Rasmussen's encephalitis. <i>NeuroImage: Clinical</i> , 2022, 33, 102918.	2.7	8
32	Expression of human cytomegalovirus components in the brain tissues of patients with Rasmussen's encephalitis. <i>Virologica Sinica</i> , 2017, 32, 115-121.	3.0	7
33	Elevated expression of EBV and TLRs in the brain is associated with Rasmussen's encephalitis. <i>Virologica Sinica</i> , 2017, 32, 423-430.	3.0	7
34	Anti-epileptic effect of ifenprodil on neocortical pyramidal neurons in patients with malformations of cortical development. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5757-5766.	1.8	7
35	Adenosine Dysfunction in Epilepsy and Associated Comorbidities. <i>Current Drug Targets</i> , 2022, 23, 344-357.	2.1	7
36	Surgical outcomes and prognostic factors of drug-resistant epilepsy secondary to encephalomalacia. <i>Epilepsia</i> , 2019, 60, 948-957.	5.1	6

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37	Resective surgery for drug-resistant posttraumatic epilepsy: predictors of seizure outcome. <i>Journal of Neurosurgery</i> , 2020, 133, 1568-1575.	1.6	6
38	Efficacy and potential predictors of vagus nerve stimulation therapy in refractory postencephalitic epilepsy. <i>Therapeutic Advances in Chronic Disease</i> , 2022, 13, 204062232110667.	2.5	6
39	The impact of MEG results on surgical outcomes in patients with drug-resistant epilepsy associated with focal encephalomalacia: a single-center experience. <i>Journal of Neurology</i> , 2020, 267, 812-822.	3.6	5
40	Alkaline brain pH shift in rodent lithium-pilocarpine model of epilepsy with chronic seizures. <i>Brain Research</i> , 2021, 1758, 147345.	2.2	5
41	Prognostic value of histopathologic pattern for long-term surgical outcomes of 198 patients with confirmed mesial temporal lobe epilepsy. <i>Human Pathology</i> , 2021, 115, 47-55.	2.0	5
42	Epilepsy and Autism Spectrum Disorder (ASD): The Underlying Mechanisms and Therapy Targets Related to Adenosine. <i>Current Neuropharmacology</i> , 2023, 21, 54-66.	2.9	5
43	Genetic Factors in Rasmussen's Encephalitis Characterized by Whole-Exome Sequencing. <i>Frontiers in Neuroscience</i> , 2021, 15, 744429.	2.8	4
44	Analysis of power spectrum and phase lag index changes following deep brain stimulation of the anterior nucleus of the thalamus in patients with drug-resistant epilepsy: A retrospective study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2022, 96, 6-12.	2.0	4
45	Globus Pallidus Internus Electric High-Frequency Stimulation Modulates Dopaminergic Activity in the Striatum of a Rat Model of Tourette Syndrome. <i>World Neurosurgery</i> , 2019, 127, e881-e887.	1.3	3
46	Editorial: Ketogenic Diet in Epilepsy and Associated Comorbidities: Clinical Efficacy and Mechanisms. <i>Frontiers in Neurology</i> , 2020, 11, 66.	2.4	3
47	Adenosine dysfunction in Rasmussen's encephalitis. <i>Neuropsychiatry</i> , 2016, 6, .	0.4	3
48	Presurgical Thalamus and Brainstem Shifts Predict Distal Motor Function Recovery After Anatomic Hemispherectomy. <i>World Neurosurgery</i> , 2018, 118, e713-e720.	1.3	2
49	HMGB1-TLR Signaling in Rasmussen's Encephalitis. , 2016, 7, .		2
50	Increased inflammasome-activated pyroptosis mediated by caspase-1 in Rasmussen's encephalitis. <i>Epilepsy Research</i> , 2022, 179, 106843.	1.6	2
51	The influencing factors and changes of cognitive function within 40 Rasmussen encephalitis patients that received a hemispherectomy. <i>Neurological Research</i> , 2022, 44, 700-707.	1.3	2
52	Scalp-HFO indexes are biomarkers for the lateralization and localization of the epileptogenic zone in preoperative assessment. <i>Journal of Neurophysiology</i> , 2021, 126, 1148-1158.	1.8	1