

Gary P Brennan

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,230
citations

394421

19
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1607
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic principles underlying epileptogenesis and epilepsy syndromes. <i>Neurobiology of Disease</i> , 2021, 148, 105179.	4.4	20
2	Multiple Disruptions of Glial-Neuronal Networks in Epileptogenesis That Follows Prolonged Febrile Seizures. <i>Frontiers in Neurology</i> , 2021, 12, 615802.	2.4	12
3	Regulatory Mechanisms of the RNA Modification m6A and Significance in Brain Function in Health and Disease. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 671932.	3.7	29
4	Systemic delivery of antagomirs during blood-brain barrier disruption is disease-modifying in experimental epilepsy. <i>Molecular Therapy</i> , 2021, 29, 2041-2052.	8.2	20
5	CHD2-Related CNS Pathologies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 588.	4.1	20
6	Temporally Altered miRNA Expression in a Piglet Model of Hypoxic Ischemic Brain Injury. <i>Molecular Neurobiology</i> , 2020, 57, 4322-4344.	4.0	12
7	Genetic deletion of microRNA-22 blunts the inflammatory transcriptional response to status epilepticus and exacerbates epilepsy in mice. <i>Molecular Brain</i> , 2020, 13, 114.	2.6	18
8	MicroRNAs as regulators of brain function and targets for treatment of epilepsy. <i>Nature Reviews Neurology</i> , 2020, 16, 506-519.	10.1	92
9	A systems approach delivers a functional microRNA catalog and expanded targets for seizure suppression in temporal lobe epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15977-15988.	7.1	41
10	Genome-wide microRNA profiling of plasma from three different animal models identifies biomarkers of temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2020, 144, 105048.	4.4	35
11	Antagonizing Increased <i>miR-135a</i> Levels at the Chronic Stage of Experimental TLE Reduces Spontaneous Recurrent Seizures. <i>Journal of Neuroscience</i> , 2019, 39, 5064-5079.	3.6	28
12	Altered Biogenesis and MicroRNA Content of Hippocampal Exosomes Following Experimental Status Epilepticus. <i>Frontiers in Neuroscience</i> , 2019, 13, 1404.	2.8	27
13	microRNAs in the pathophysiology of epilepsy. <i>Neuroscience Letters</i> , 2018, 667, 47-52.	2.1	46
14	Dual-center, dual-platform microRNA profiling identifies potential plasma biomarkers of adult temporal lobe epilepsy. <i>EBioMedicine</i> , 2018, 38, 127-141.	6.1	88
15	RNA-sequencing analysis of umbilical cord plasma microRNAs from healthy newborns. <i>PLoS ONE</i> , 2018, 13, e0207952.	2.5	8
16	Spared <i>CA1</i> pyramidal neuron function and hippocampal performance following antisense knockdown of <i>miR-134</i> . <i>Epilepsia</i> , 2018, 59, 1518-1526.	5.1	17
17	Enduring Memory Impairments Provoked by Developmental Febrile Seizures Are Mediated by Functional and Structural Effects of Neuronal Restrictive Silencing Factor. <i>Journal of Neuroscience</i> , 2017, 37, 3799-3812.	3.6	55
18	Spatiotemporal progression of ubiquitin-proteasome system inhibition after status epilepticus suggests protective adaptation against hippocampal injury. <i>Molecular Neurodegeneration</i> , 2017, 12, 21.	10.8	23

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19	A microRNA-129a-5p/Rbfox crosstalk coordinates homeostatic downscaling of excitatory synapses. <i>EMBO Journal</i> , 2017, 36, 1770-1787.	7.8	85
20	Detection of MicroRNAs in Brain Slices Using In Situ Hybridization. <i>Methods in Molecular Biology</i> , 2017, 1509, 85-91.	0.9	2
21	A calcium-sensitive feed-forward loop regulating the expression of the ATP-gated purinergic P2X7 receptor via specificity protein 1 and microRNA-22. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 255-266.	4.1	31
22	The Role of Sirt1 in Epileptogenesis. <i>ENeuro</i> , 2017, 4, ENEURO.0301-16.2017.	1.9	26
23	Hyperpolarization-Activated Cyclic Nucleotide-Gated (HCN) Channels in Epilepsy. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a022384.	6.2	52
24	Dual and Opposing Roles of MicroRNA-124 in Epilepsy Are Mediated through Inflammatory and NRSF-Dependent Gene Networks. <i>Cell Reports</i> , 2016, 14, 2402-2412.	6.4	88
25	Rapid, Coordinate Inflammatory Responses after Experimental Febrile Status Epilepticus: Implications for Epileptogenesis. <i>ENeuro</i> , 2015, 2, ENEURO.0034-15.2015.	1.9	60
26	Overexpression of 14-3-3 η Increases Brain Levels of C/EBP Homologous Protein CHOP. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 255-262.	2.3	4
27	The transcription factor NRSF contributes to epileptogenesis by selective repression of a subset of target genes. <i>ELife</i> , 2014, 3, e01267.	6.0	115
28	Transgenic Overexpression of 14-3-3 Zeta Protects Hippocampus against Endoplasmic Reticulum Stress and Status Epilepticus In Vivo. <i>PLoS ONE</i> , 2013, 8, e54491.	2.5	44
29	Reduced Mature MicroRNA Levels in Association with Dicer Loss in Human Temporal Lobe Epilepsy with Hippocampal Sclerosis. <i>PLoS ONE</i> , 2012, 7, e35921.	2.5	121
30	Proteomic analysis of 14-3-3 zeta binding proteins in the mouse hippocampus. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2012, 4, 74-83.	0.8	11