Michael R Johnson

List of Publications by Year
in descending order

25	1,032	516710	610901
papers	citations	16	24
		h-index	g-index

25	25	25	1979
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Systems genetics identifies Sestrin 3 as a regulator of a proconvulsant gene network in human epileptic hippocampus. Nature Communications, 2015, 6, 6031.	12.8	158
2	Systems genetics identifies a convergent gene network for cognition and neurodevelopmental disease. Nature Neuroscience, 2016, 19, 223-232.	14.8	131
3	MicroRNA profiles in hippocampal granule cells and plasma of rats with pilocarpine-induced epilepsy â€" comparison with human epileptic samples. Scientific Reports, 2015, 5, 14143.	3.3	101
4	Rare and common epilepsies converge on a shared gene regulatory network providing opportunities for novel antiepileptic drug discovery. Genome Biology, 2016, 17, 245.	8.8	75
5	A systems-level framework for drug discovery identifies Csf1R as an anti-epileptic drug target. Nature Communications, 2018, 9, 3561.	12.8	75
6	Genome-wide analysis of differential RNA editing in epilepsy. Genome Research, 2017, 27, 440-450.	5.5	73
7	Epileptic encephalopathy-causing mutations in *DNM1* impair synaptic vesicle endocytosis. Neurology: Genetics, 2015, 1, e4.	1.9	46
8	Standardization procedure for plasma biomarker analysis in rat models of epileptogenesis: Focus on circulating microRNAs. Epilepsia, 2017, 58, 2013-2024.	5.1	45
9	Heredity in epilepsy: Neurodevelopment, comorbidity, and the neurological trait. Epilepsy and Behavior, 2011, 22, 421-427.	1.7	40
10	Epigenomic priming of immune genes implicates oligodendroglia in multiple sclerosis susceptibility. Neuron, 2022, 110, 1193-1210.e13.	8.1	36
11	Comparative effectiveness of antiepileptic drugs in juvenile myoclonic epilepsy. Epilepsia Open, 2019, 4, 420-430.	2.4	34
12	EvoTol: a protein-sequence based evolutionary intolerance framework for disease-gene prioritization. Nucleic Acids Research, 2015, 43, e33-e33.	14.5	33
13	Microglial positron emission tomography (PET) imaging in epilepsy: Applications, opportunities and pitfalls. Seizure: the Journal of the British Epilepsy Association, 2017, 44, 42-47.	2.0	28
14	Meta-Analysis of MicroRNAs Dysregulated in the Hippocampal Dentate Gyrus of Animal Models of Epilepsy. ENeuro, 2017, 4, ENEURO.0152-17.2017.	1.9	23
15	Testing association of rare genetic variants with resistance to three common antiseizure medications. Epilepsia, 2020, 61, 657-666.	5.1	22
16	Pharmacoresponse in genetic generalized epilepsy: a genome-wide association study. Pharmacogenomics, 2020, 21, 325-335.	1.3	21
17	NRSF and BDNF polymorphisms as biomarkers of cognitive dysfunction in adults with newly diagnosed epilepsy. Epilepsy and Behavior, 2016, 54, 117-127.	1.7	19
18	Assessing the role of rare genetic variants in drugâ€resistant, nonâ€lesional focal epilepsy. Annals of Clinical and Translational Neurology, 2021, 8, 1376-1387.	3.7	16

#	Article	IF	Citations
19	Validation of a multigenic model to predict seizure control in newly treated epilepsy. Epilepsy Research, 2014, 108, 1797-1805.	1.6	15
20	A systems-level framework for anti-epilepsy drug discovery. Neuropharmacology, 2020, 170, 107868.	4.1	15
21	Newly diagnosed epilepsy and pharmacogenomics research: A step in the right direction?. Epilepsy and Behavior, 2011, 22, 3-8.	1.7	10
22	Integrated systemsâ€genetic analyses reveal a network target for delaying glioma progression. Annals of Clinical and Translational Neurology, 2019, 6, 1616-1638.	3.7	8
23	Role of Common Genetic Variants for Drug-Resistance to Specific Anti-Seizure Medications. Frontiers in Pharmacology, 2021, 12, 688386.	3.5	6
24	Comment on â€œBlinders, phenotype, and fashionable genetic analysis: A critical examination of the current state of epilepsy genetic studiesâ€. Epilepsia, 2011, 52, 190-191.	5.1	2
25	Pharmacogenetic aspects. , 2005, , 26-44.		0