Scott J Myers

List of Publications by Year
in descending order

21 papers	4,237 citations	567281 15 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	6132 citing authors

#	Article	IF	Citations
1	Opportunities for Precision Treatment of GRIN2A and GRIN2B Gain-of-Function Variants in Triheteromeric N-Methyl-D-Aspartate Receptors. Journal of Pharmacology and Experimental Therapeutics, 2022, 381, 54-66.	2.5	5
2	A de novo GRIN1 Variant Associated With Myoclonus and Developmental Delay: From Molecular Mechanism to Rescue Pharmacology. Frontiers in Genetics, 2021, 12, 694312.	2.3	6
3	A GluN2B-selective inhibitor of NMDA receptor function with enhanced potency at acidic pH and oral bioavailability for clinical use. Journal of Pharmacology and Experimental Therapeutics, 2021, 379, JPET-AR-2020-000370.	2.5	7
4	The <scp>GRIA3</scp> c.<scp>2477G</scp> >â€‰A Variant Causes an Exaggerated Startle Reflex, Chorea, and Multifocal Myoclonus. Movement Disorders, 2020, 35, 1224-1232.	3.9	13
5	Negative allosteric modulation of GluN1/GluN3 NMDA receptors. Neuropharmacology, 2020, 176, 108117.	4.1	17
6	Hodgkinâ€“Huxleyâ€“Katz Prize Lecture: Genetic and pharmacological control of glutamate receptor channel through a highly conserved gating motif. Journal of Physiology, 2020, 598, 3071-3083.	2.9	23
7	Modelling and treating GRIN2A developmental and epileptic encephalopathy in mice. Brain, 2020, 143, 2039-2057.	7.6	51
8	De novoGRINvariants in NMDA receptor M2 channel poreâ€forming loop are associated with neurological diseases. Human Mutation, 2019, 40, 2393-2413.	2.5	48
9	Heterogeneous clinical and functional features of GRIN2D-related developmental and epileptic encephalopathy. Brain, 2019, 142, 3009-3027.	7.6	49
10	Synthesis and Preliminary Evaluations of a Triazole-Cored Antagonist as a PET Imaging Probe ([¹⁸F]N2B-0518) for GluN2B Subunit in the Brain. ACS Chemical Neuroscience, 2019, 10, 2263-2275.	3.5	13
11	Structural elements of a pH-sensitive inhibitor binding site in NMDA receptors. Nature Communications, 2019, 10, 321.	12.8	32
12	Antidepressant-relevant concentrations of the ketamine metabolite (2 R ,6 R) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Tc Sciences of the United States of America, 2019, 116, 5160-5169.	7.1	120
13	Distinct roles of GRIN2A and GRIN2B variants in neurological conditions. F1000Research, 2019, 8, 1940.	1.6	92
14	A novel missense mutation in GRIN2A causes a nonepileptic neurodevelopmental disorder. Movement Disorders, 2018, 33, 992-999.	3.9	26
15	A Novel Negative Allosteric Modulator Selective for GluN2C/2D-Containing NMDA Receptors Inhibits Synaptic Transmission in Hippocampal Interneurons. ACS Chemical Neuroscience, 2018, 9, 306-319.	3.5	42
16	Human GRIN2B variants in neurodevelopmental disorders. Journal of Pharmacological Sciences, 2016, 132, 115-121.	2.5	180
17	Context-Dependent GluN2B-Selective Inhibitors of NMDA Receptor Function Are Neuroprotective with Minimal Side Effects. Neuron, 2015, 85, 1305-1318.	8.1	57
18	Glutamate Receptor Ion Channels: Structure, Regulation, and Function. Pharmacological Reviews, 2010, 62, 405-496.	16.0	2,973

#	Article	IF	Citations
19	Inhibition of Glutamate Receptor 2 Translation by a Polymorphic Repeat Sequence in the 5'-Untranslated Leaders. Journal of Neuroscience, 2004, 24, 3489-3499.	3.6	25
20	Transcriptional repression by REST: recruitment of Sin3A and histone deacetylase to neuronal genes. Nature Neuroscience, 1999, 2, 867-872.	14.8	360
21	GENETIC REGULATION OF GLUTAMATE RECEPTOR ION CHANNELS. Annual Review of Pharmacology and Toxicology, 1999, 39, 221-241.	9.4	98