

Kathryn M Partin

List of Publications by Year in descending order

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34
papers

2,723
citations

257450

24
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

1770
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective modulation of desensitization at AMPA versus kainate receptors by cyclothiazide and concanavalin A. <i>Neuron</i> , 1993, 11, 1069-1082.	8.1	564
2	AMPA Receptor Flip/Flop Mutants Affecting Deactivation, Desensitization, and Modulation by Cyclothiazide, Aniracetam, and Thiocyanate. <i>Journal of Neuroscience</i> , 1996, 16, 6634-6647.	3.6	324
3	Mechanism of Positive Allosteric Modulators Acting on AMPA Receptors. <i>Journal of Neuroscience</i> , 2005, 25, 9027-9036.	3.6	220
4	Functional interactions of the simian virus 40 core origin of replication with flanking regulatory sequences. <i>Journal of Virology</i> , 1986, 57, 138-144.	3.4	209
5	Structural determinants of allosteric regulation in alternatively spliced AMPA receptors. <i>Neuron</i> , 1995, 14, 833-843.	8.1	154
6	Kynurenic acid has a dual action on AMPA receptor responses. <i>Neuroscience Letters</i> , 2006, 402, 108-112.	2.1	133
7	Characterization of the transcriptional trans activator of human foamy retrovirus. <i>Journal of Virology</i> , 1991, 65, 2589-2594.	3.4	131
8	Episodic Bursting Activity and Response to Excitatory Amino Acids in Acutely Dissociated Gonadotropin-Releasing Hormone Neurons Genetically Targeted with Green Fluorescent Protein. <i>Journal of Neuroscience</i> , 2002, 22, 2313-2322.	3.6	123
9	AMPA receptor potentiators: from drug design to cognitive enhancement. <i>Current Opinion in Pharmacology</i> , 2015, 20, 46-53.	3.5	83
10	Deletion of sequences upstream of the proteinase improves the proteolytic processing of human immunodeficiency virus type 1.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 4776-4780.	7.1	70
11	Identification of the activation domain of equine infectious anemia virus rev. <i>Journal of Virology</i> , 1993, 67, 7317-7323.	3.4	70
12	Mutational analysis of a native substrate of the human immunodeficiency virus type 1 proteinase. <i>Journal of Virology</i> , 1990, 64, 3938-3947.	3.4	66
13	Characterization of the target of ivermectin, the glutamate-gated chloride channel, from <i>Anopheles gambiae</i> . <i>Journal of Experimental Biology</i> , 2015, 218, 1478-1486.	1.7	65
14	Different Domains of the AMPA Receptor Direct Stargazin-mediated Trafficking and Stargazin-mediated Modulation of Kinetics. <i>Journal of Biological Chemistry</i> , 2006, 281, 23908-23921.	3.4	59
15	Proteolytic activity of novel human immunodeficiency virus type 1 proteinase proteins from a precursor with a blocking mutation at the N terminus of the PR domain. <i>Journal of Virology</i> , 1994, 68, 240-250.	3.4	58
16	Amino acid substitutions in the pore of rat glutamate receptors at sites influencing block by polyamines. <i>Journal of Physiology</i> , 1999, 520, 337-357.	2.9	42
17	Association of reovirus proteins with the structural matrix of infected cells. <i>Virology</i> , 1987, 159, 265-277.	2.4	39
18	Structural and Functional Analysis of Two New Positive Allosteric Modulators of GluA2 Desensitization and Deactivation. <i>Molecular Pharmacology</i> , 2011, 80, 267-280.	2.3	38

#	ARTICLE	IF	CITATIONS
19	Domain Interactions Regulating AMPA Receptor Desensitization. <i>Journal of Neuroscience</i> , 2001, 21, 1939-1948.	3.6	36
20	Functional analysis of a novel positive allosteric modulator of AMPA receptors derived from a structure-based drug design strategy. <i>Neuropharmacology</i> , 2013, 64, 45-52.	4.1	31
21	Spike-dependent depolarizing afterpotentials contribute to endogenous bursting in gonadotropin releasing hormone neurons. <i>Neuroscience</i> , 2005, 134, 295-300.	2.3	29
22	Identification of a Site in GluR1 and GluR2 That Is Important for Modulation of Deactivation and Desensitization. <i>Molecular Pharmacology</i> , 2003, 64, 5-10.	2.3	28
23	Electrophysiological analysis of NMDA receptor subunit changes in the aging mouse cortex. <i>Mechanisms of Ageing and Development</i> , 2000, 115, 39-59.	4.6	27
24	The Stargazin C Terminus Encodes an Intrinsic and Transferable Membrane Sorting Signal. <i>Journal of Biological Chemistry</i> , 2008, 283, 1597-1600.	3.4	25
25	The contributions of GluR2 to allosteric modulation of AMPA receptors. <i>Neuropharmacology</i> , 2000, 39, 21-31.	4.1	23
26	Acute dissociation for analyses of NMDA receptor function in cortical neurons during aging. <i>Journal of Neuroscience Methods</i> , 2003, 129, 11-17.	2.5	16
27	Functional insight into development of positive allosteric modulators of AMPA receptors. <i>Neuropharmacology</i> , 2014, 85, 57-66.	4.1	16
28	The Challenges for Scientists in Avoiding Plagiarism. <i>Accountability in Research</i> , 2014, 21, 353-365.	2.4	11
29	Rational Design of a Novel AMPA Receptor Modulator through a Hybridization Approach. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 392-396.	2.8	10
30	Circadian difference in firing rate of isolated rat suprachiasmatic nucleus neurons. <i>Neuroscience Letters</i> , 2008, 436, 314-316.	2.1	8
31	A Charge-inverting Mutation in the "Linker" Region of α -Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptors Alters Agonist Binding and Gating Kinetics Independently of Allosteric Modulators. <i>Journal of Biological Chemistry</i> , 2014, 289, 10702-10714.	3.4	7
32	Only one of the origin binding forms of SV40 T antigen has helicase activity. <i>Biochemical and Biophysical Research Communications</i> , 1988, 153, 249-255.	2.1	6
33	Mutational Analysis of a Native Substrate of the HIV-1 Proteinase. <i>Advances in Experimental Medicine and Biology</i> , 1991, 306, 503-506.	1.6	2
34	Electrophysiological Analyses of GnRH Neurons Using a Transgenic Mouse Model. , 2001, , .		0