

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	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
2	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
3	AMPA receptor potentiators: from drug design to cognitive enhancement. <i>Current Opinion in Pharmacology</i> , 2015, 20, 46-53.	3.5	83
4	A Charge-inverting Mutation in the ϵ -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
5	The Challenges for Scientists in Avoiding Plagiarism. <i>Accountability in Research</i> , 2014, 21, 353-365.	2.4	11
6	Functional insight into development of positive allosteric modulators of AMPA receptors. <i>Neuropharmacology</i> , 2014, 85, 57-66.	4.1	16
7	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
8	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
9	Circadian difference in firing rate of isolated rat suprachiasmatic nucleus neurons. <i>Neuroscience Letters</i> , 2008, 436, 314-316.	2.1	8
10	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
11	Kynurenic acid has a dual action on AMPA receptor responses. <i>Neuroscience Letters</i> , 2006, 402, 108-112.	2.1	133
12	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
13	Spike-dependent depolarizing afterpotentials contribute to endogenous bursting in gonadotropin releasing hormone neurons. <i>Neuroscience</i> , 2005, 134, 295-300.	2.3	29
14	Mechanism of Positive Allosteric Modulators Acting on AMPA Receptors. <i>Journal of Neuroscience</i> , 2005, 25, 9027-9036.	3.6	220
15	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
16	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
17	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
18	Domain Interactions Regulating AMPA Receptor Desensitization. <i>Journal of Neuroscience</i> , 2001, 21, 1939-1948.	3.6	36

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19	Electrophysiological Analyses of GnRH Neurons Using a Transgenic Mouse Model. , 2001, , .		0
20	Electrophysiological analysis of NMDA receptor subunit changes in the aging mouse cortex. Mechanisms of Ageing and Development, 2000, 115, 39-59.	4.6	27
21	The contributions of GluR2 to allosteric modulation of AMPA receptors. Neuropharmacology, 2000, 39, 21-31.	4.1	23
22	Amino acid substitutions in the pore of rat glutamate receptors at sites influencing block by polyamines. Journal of Physiology, 1999, 520, 337-357.	2.9	42
23	AMPA Receptor Flip/Flop Mutants Affecting Deactivation, Desensitization, and Modulation by Cyclothiazide, Aniracetam, and Thiocyanate. Journal of Neuroscience, 1996, 16, 6634-6647.	3.6	324
24	Structural determinants of allosteric regulation in alternatively spliced AMPA receptors. Neuron, 1995, 14, 833-843.	8.1	154
25	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. Journal of Virology, 1994, 68, 240-250.	3.4	58
26	Selective modulation of desensitization at AMPA versus kainate receptors by cyclothiazide and concanavalin A. Neuron, 1993, 11, 1069-1082.	8.1	564
27	Identification of the activation domain of equine infectious anemia virus rev. Journal of Virology, 1993, 67, 7317-7323.	3.4	70
28	Deletion of sequences upstream of the proteinase improves the proteolytic processing of human immunodeficiency virus type 1.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 4776-4780.	7.1	70
29	Mutational Analysis of a Native Substrate of the HIV-1 Proteinase. Advances in Experimental Medicine and Biology, 1991, 306, 503-506.	1.6	2
30	Characterization of the transcriptional trans activator of human foamy retrovirus. Journal of Virology, 1991, 65, 2589-2594.	3.4	131
31	Mutational analysis of a native substrate of the human immunodeficiency virus type 1 proteinase. Journal of Virology, 1990, 64, 3938-3947.	3.4	66
32	Only one of the origin binding forms of SV40 T antigen has helicase activity. Biochemical and Biophysical Research Communications, 1988, 153, 249-255.	2.1	6
33	Association of reovirus proteins with the structural matrix of infected cells. Virology, 1987, 159, 265-277.	2.4	39
34	Functional interactions of the simian virus 40 core origin of replication with flanking regulatory sequences. Journal of Virology, 1986, 57, 138-144.	3.4	209