

Matthew J Kennedy

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,735
citations

516710

16
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

3651
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid blue-light-mediated induction of protein interactions in living cells. <i>Nature Methods</i> , 2010, 7, 973-975.	19.0	965
2	ORGANELLES AND TRAFFICKING MACHINERY FOR POSTSYNAPTIC PLASTICITY. <i>Annual Review of Neuroscience</i> , 2006, 29, 325-362.	10.7	311
3	An optimized optogenetic clustering tool for probing protein interaction and function. <i>Nature Communications</i> , 2014, 5, 4925.	12.8	297
4	Syntaxin-4 Defines a Domain for Activity-Dependent Exocytosis in Dendritic Spines. <i>Cell</i> , 2010, 141, 524-535.	28.9	276
5	A light-triggered protein secretion system. <i>Journal of Cell Biology</i> , 2013, 201, 631-640.	5.2	130
6	Mechanisms and Function of Dendritic Exocytosis. <i>Neuron</i> , 2011, 69, 856-875.	8.1	111
7	Optogenetic Control of Synaptic Composition and Function. <i>Neuron</i> , 2017, 93, 646-660.e5.	8.1	106
8	Golgi-independent secretory trafficking through recycling endosomes in neuronal dendrites and spines. <i>ELife</i> , 2017, 6, .	6.0	92
9	Tuning the Binding Affinities and Reversion Kinetics of a Light Inducible Dimer Allows Control of Transmembrane Protein Localization. <i>Biochemistry</i> , 2016, 55, 5264-5271.	2.5	68
10	Synapse-to-Nucleus Communication through NFAT Is Mediated by L-type Ca ²⁺ Channel Ca ²⁺ Spike Propagation to the Soma. <i>Cell Reports</i> , 2019, 26, 3537-3550.e4.	6.4	57
11	Local and Use-Dependent Effects of β -Amyloid Oligomers on NMDA Receptor Function Revealed by Optical Quantal Analysis. <i>Journal of Neuroscience</i> , 2016, 36, 11532-11543.	3.6	46
12	A Photoactivatable Botulinum Neurotoxin for Inducible Control of Neurotransmission. <i>Neuron</i> , 2019, 101, 863-875.e6.	8.1	45
13	Architecture and Dynamics of the Neuronal Secretory Network. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 543-566.	9.4	41
14	Mechanisms and Role of Dendritic Membrane Trafficking for Long-Term Potentiation. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 391.	3.7	33
15	L-Type Voltage-Gated Ca ²⁺ Channels Regulate Synaptic Activity-Triggered Recycling Endosome Fusion in Neuronal Dendrites. <i>Cell Reports</i> , 2017, 21, 2134-2146.	6.4	31
16	Neuron-Specific Gene 2 (NSG2) Encodes an AMPA Receptor Interacting Protein That Modulates Excitatory Neurotransmission. <i>ENeuro</i> , 2019, 6, ENEURO.0292-18.2018.	1.9	25
17	New approaches for solving old problems in neuronal protein trafficking. <i>Molecular and Cellular Neurosciences</i> , 2018, 91, 48-66.	2.2	21
18	Differential Labeling of Cell-surface and Internalized Proteins after Antibody Feeding of Live Cultured Neurons. <i>Journal of Visualized Experiments</i> , 2014, , e51139.	0.3	18

#	ARTICLE	IF	CITATIONS
19	Neurexin-3 defines synapse- and sex-dependent diversity of GABAergic inhibition in ventral subiculum. Cell Reports, 2021, 37, 110098.	6.4	17
20	Stepwise disassembly of GABAergic synapses during pathogenic excitotoxicity. Cell Reports, 2021, 37, 110142.	6.4	16
21	GluN2B S1303 phosphorylation by CaMKII or DAPK1: No indication for involvement in ischemia or LTP. IScience, 2021, 24, 103214.	4.1	11
22	zapERtrap: A light-regulated ER release system reveals unexpected neuronal trafficking pathways. Journal of Cell Biology, 2021, 220, .	5.2	10
23	Complementary Use of Super-Resolution Imaging Modalities to Study the Nanoscale Architecture of Inhibitory Synapses. Frontiers in Synaptic Neuroscience, 2022, 14, 852227.	2.5	3
24	Precision Mapping of Amyloid- β^2 Binding Reveals Perisynaptic Localization and Spatially Restricted Plasticity Deficits. ENeuro, 2021, , ENEURO.0416-21.2021.	1.9	2