Matthew J Kennedy

List of Publications by Year
in descending order

24	2,735	516710 16	610901 24
papers	citations	h-index	g-index

28	28	28	3651
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	zapERtrap: A light-regulated ER release system reveals unexpected neuronal trafficking pathways. Journal of Cell Biology, 2021, 220, .	5.2	10
3	GluN2B S1303 phosphorylation by CaMKII or DAPK1: No indication for involvement in ischemia or LTP. IScience, 2021, 24, 103214.	4.1	11
4	Precision Mapping of Amyloid-Î² Binding Reveals Perisynaptic Localization and Spatially Restricted Plasticity Deficits. ENeuro, 2021, , ENEURO.0416-21.2021.	1.9	2
5	Stepwise disassembly of GABAergic synapses during pathogenic excitotoxicity. Cell Reports, 2021, 37, 110142.	6.4	16
6	Neurexin-3 defines synapse- and sex-dependent diversity of GABAergic inhibition in ventral subiculum. Cell Reports, 2021, 37, 110098.	6.4	17
7	Architecture and Dynamics of the Neuronal Secretory Network. Annual Review of Cell and Developmental Biology, 2019, 35, 543-566.	9.4	41
8	A Photoactivatable Botulinum Neurotoxin for Inducible Control of Neurotransmission. Neuron, 2019, 101, 863-875.e6.	8.1	45
9	Synapse-to-Nucleus Communication through NFAT Is Mediated by L-type Ca2+ Channel Ca2+ Spike Propagation to the Soma. Cell Reports, 2019, 26, 3537-3550.e4.	6.4	57
10	Neuron-Specific Gene 2 (NSG2) Encodes an AMPA Receptor Interacting Protein That Modulates Excitatory Neurotransmission. ENeuro, 2019, 6, ENEURO.0292-18.2018.	1.9	25
11	New approaches for solving old problems in neuronal protein trafficking. Molecular and Cellular Neurosciences, 2018, 91, 48-66.	2.2	21
12	Mechanisms and Role of Dendritic Membrane Trafficking for Long-Term Potentiation. Frontiers in Cellular Neuroscience, 2018, 12, 391.	3.7	33
13	Optogenetic Control of Synaptic Composition and Function. Neuron, 2017, 93, 646-660.e5.	8.1	106
14	L-Type Voltage-Gated Ca2+ Channels Regulate Synaptic Activity-Triggered Recycling Endosome Fusion in Neuronal Dendrites. Cell Reports, 2017, 21, 2134-2146.	6.4	31
15	Golgi-independent secretory trafficking through recycling endosomes in neuronal dendrites and spines. ELife, 2017, 6, .	6.0	92
16	Tuning the Binding Affinities and Reversion Kinetics of a Light Inducible Dimer Allows Control of Transmembrane Protein Localization. Biochemistry, 2016, 55, 5264-5271.	2.5	68
17	Local and Use-Dependent Effects of Î²-Amyloid Oligomers on NMDA Receptor Function Revealed by Optical Quantal Analysis. Journal of Neuroscience, 2016, 36, 11532-11543.	3.6	46
18	An optimized optogenetic clustering tool for probing protein interaction and function. Nature Communications, 2014, 5, 4925.	12.8	297

#	Article	IF	Citations
19	Differential Labeling of Cell-surface and Internalized Proteins after Antibody Feeding of Live Cultured Neurons. Journal of Visualized Experiments, 2014, , e51139.	0.3	18
20	A light-triggered protein secretion system. Journal of Cell Biology, 2013, 201, 631-640.	5.2	130
21	Mechanisms and Function of Dendritic Exocytosis. Neuron, 2011, 69, 856-875.	8.1	111
22	Rapid blue-lightâ€“mediated induction of protein interactions in living cells. Nature Methods, 2010, 7, 973-975.	19.0	965
23	Syntaxin-4 Defines a Domain for Activity-Dependent Exocytosis in Dendritic Spines. Cell, 2010, 141, 524-535.	28.9	276
24	ORGANELLES AND TRAFFICKING MACHINERY FOR POSTSYNAPTIC PLASTICITY. Annual Review of Neuroscience, 2006, 29, 325-362.	10.7	311