Kurt C Marsden

List of Publications by Year
in descending order

17	821	687363 13	839539 18
papers	citations	h-index	g-index

25	25	25	1162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NMDA Receptor Activation Potentiates Inhibitory Transmission through GABA Receptor-Associated Protein-Dependent Exocytosis of GABA_AReceptors. Journal of Neuroscience, 2007, 27, 14326-14337.	3.6	162
2	Selective translocation of Ca ²⁺ /calmodulin protein kinase IIÎ± (CaMKIIÎ±) to inhibitory synapses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20559-20564.	7.1	125
3	Up-Regulation of Soluble Axl and Mer Receptor Tyrosine Kinases Negatively Correlates with Gas6 in Established Multiple Sclerosis Lesions. American Journal of Pathology, 2009, 175, 283-293.	3.8	89
4	A Genome-wide Screen Identifies PAPP-AA-Mediated IGFR Signaling as a Novel Regulator of Habituation Learning. Neuron, 2015, 85, 1200-1211.	8.1	85
5	InÂVivo Ca2+ Imaging Reveals that Decreased Dendritic Excitability Drives Startle Habituation. Cell Reports, 2015, 13, 1733-1740.	6.4	62
6	A Cyfip2-Dependent Excitatory Interneuron Pathway Establishes the Innate Startle Threshold. Cell Reports, 2018, 23, 878-887.	6.4	49
7	A genetic basis for molecular asymmetry at vertebrate electrical synapses. ELife, 2017, 6, .	6.0	42
8	SNPfisher: tools for probing genetic variation in laboratory-reared zebrafish. Development (Cambridge), 2015, 142, 1542-52.	2.5	39
9	A Forward Genetic Screen in Zebrafish Identifies the G-Protein-Coupled Receptor CaSR as a Modulator of Sensorimotor Decision Making. Current Biology, 2018, 28, 1357-1369.e5.	3.9	39
10	Electrical synaptic transmission requires a postsynaptic scaffolding protein. ELife, 2021, 10, .	6.0	23
11	mGluR and NMDAR activation internalize distinct populations of AMPARs. Molecular and Cellular Neurosciences, 2011, 48, 161-170.	2.2	22
12	BMAA and MCLR Interact to Modulate Behavior and Exacerbate Molecular Changes Related to Neurodegeneration in Larval Zebrafish. Toxicological Sciences, 2021, 179, 251-261.	3.1	21
13	Structural and functional properties of ryanodine receptor type 3 in zebrafish tail muscle. Journal of General Physiology, 2015, 145, 173-184.	1.9	13
14	A forward genetic screen identifies Dolk as a regulator of startle magnitude through the potassium channel subunit Kv1.1. PLoS Genetics, 2021, 17, e1008943.	3.5	10
15	The ubiquitin ligase PHR promotes directional regrowth of spinal zebrafish axons. Communications Biology, 2019, 2, 195.	4.4	9
16	The Cyanotoxin 2,4-DAB Reduces Viability and Causes Behavioral and Molecular Dysfunctions Associated with Neurodegeneration in Larval Zebrafish. Neurotoxicity Research, 2022, 40, 347-364.	2.7	7
17	Pioneer Axons Utilize a Dcc Signaling-Mediated Invasion Brake to Precisely Complete Their Pathfinding Odyssey. Journal of Neuroscience, 2021, 41, 6617-6636.	3.6	6