

Aurnab Ghose

List of Publications by Year in descending order

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16
papers

298
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1040056

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all docs

28
docs citations

28
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential distribution and energy statusâ€‘dependent regulation of the four CART neuropeptide genes in the zebrafish brain. <i>Journal of Comparative Neurology</i> , 2014, 522, 2266-2285.	1.6	41
2	The axonal actin-spectrin lattice acts as a tension buffering shock absorber. <i>ELife</i> , 2020, 9, .	6.0	37
3	Cytoskeletal Mechanisms of Axonal Contractility. <i>Biophysical Journal</i> , 2018, 115, 713-724.	0.5	33
4	Formin-2 regulates stabilization of filopodial tip adhesions in growth cones and affects neuronal outgrowth and pathfinding <i>in vivo</i> . <i>Development (Cambridge)</i> , 2015, 143, 449-60.	2.5	28
5	Ontogeny of the cocaineâ€‘and amphetamineâ€‘regulated transcript (CART) neuropeptide system in the brain of zebrafish, <i>Danio rerio</i> . <i>Journal of Comparative Neurology</i> , 2012, 520, 770-797.	1.6	26
6	Coupling of dynamic microtubules to F-actin by Fmn2 regulates chemotaxis of neuronal growth cones. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	18
7	Synthesis of Phosphorodiamidate Morpholino Oligonucleotides Using Trityl and Fmoc Chemistry in an Automated Oligo Synthesizer. <i>Journal of Organic Chemistry</i> , 2022, 87, 9466-9478.	3.2	14
8	Identification of the CART neuropeptide circuitry processing TMT-induced predator stress. <i>Psychoneuroendocrinology</i> , 2014, 50, 194-208.	2.7	13
9	Axonal cytomechanics in neuronal development. <i>Journal of Biosciences</i> , 2020, 45, 1.	1.1	12
10	Fmn2 Regulates Growth Cone Motility by Mediating a Molecular Clutch to Generate Traction Forces. <i>Neuroscience</i> , 2020, 448, 160-171.	2.3	11
11	Sensitivity of olfactory sensory neurons to food cues is tuned to nutritional states by Neuropeptide Y signaling. <i>Journal of Neurochemistry</i> , 2021, 159, 1028-1044.	3.9	9
12	CART neuropeptide modulates the extended amygdalar CeA-vBNST circuit to gate expression of innate fear. <i>Psychoneuroendocrinology</i> , 2017, 85, 69-77.	2.7	8
13	cAMP signaling mediates behavioral flexibility and consolidation of social status in <i>Drosophila</i> aggression. <i>Journal of Experimental Biology</i> , 2017, 220, 4502-4514.	1.7	5
14	The Formin Fmn2b Is Required for the Development of an Excitatory Interneuron Module in the Zebrafish Acoustic Startle Circuit. <i>ENeuro</i> , 2021, 8, ENEURO.0329-20.2021.	1.9	4
15	Formin 2 regulates the stabilization of filopodial tip adhesions in growth cones and affects neuronal outgrowth and pathfinding <i>in vivo</i> . <i>Journal of Cell Science</i> , 2016, 129, e1.1-e1.1.	2.0	4
16	The role of mechanics in axonal stability and development. <i>Seminars in Cell and Developmental Biology</i> , 2023, 140, 22-34.	5.0	3