

Anindya Ghosh-Roy

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,101
citations

759233

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Calcium and Cyclic AMP Promote Axonal Regeneration in <i>Caenorhabditis elegans</i> and Require DLK-1 Kinase. <i>Journal of Neuroscience</i> , 2010, 30, 3175-3183.	3.6	260
2	<i>Caenorhabditis elegans</i> neuronal regeneration is influenced by life stage, ephrin signaling, and synaptic branching. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15132-15137.	7.1	196
3	Axon Regeneration Pathways Identified by Systematic Genetic Screening in <i>C. elegans</i> . <i>Neuron</i> , 2011, 71, 1043-1057.	8.1	182
4	Kinesin-13 and Tubulin Posttranslational Modifications Regulate Microtubule Growth in Axon Regeneration. <i>Developmental Cell</i> , 2012, 23, 716-728.	7.0	127
5	Dynein Light Chain 1 Regulates Dynamin-mediated F-Actin Assembly during Sperm Individualization in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2005, 16, 3107-3116.	2.1	46
6	<i>Caenorhabditis elegans</i> : A new model organism for studies of axon regeneration. <i>Developmental Dynamics</i> , 2010, 239, 1460-1464.	1.8	46
7	Cytoplasmic Dynein-Dynactin Complex Is Required for Spermatid Growth but Not Axoneme Assembly in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2004, 15, 2470-2483.	2.1	44
8	let-7 miRNA controls CED-7 homotypic adhesion and EFF-1-mediated axonal self-fusion to restore touch sensation following injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10206-E10215.	7.1	35
9	Equilibrium unfolding of DLC8 monomer by urea and guanidine hydrochloride: Distinctive global and residue level features. <i>Biochimie</i> , 2007, 89, 117-134.	2.6	25
10	Development and application of in vivo molecular traps reveals that dynein light chain occupancy differentially affects dynein-mediated processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3493-3498.	7.1	24
11	Dynein light chain 1 functions in somatic cyst cells regulate spermatogonial divisions in <i>Drosophila</i> . <i>Scientific Reports</i> , 2011, 1, 173.	3.3	24
12	NMR comparison of the native energy landscapes of DLC8 dimer and monomer. <i>Biophysical Chemistry</i> , 2008, 134, 10-19.	2.8	19
13	Increased dopaminergic neurotransmission results in ethanol dependent sedative behaviors in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2021, 17, e1009346.	3.5	15
14	Wnt signaling establishes the microtubule polarity in neurons through regulation of Kinesin-13. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	13
15	Dendrite regeneration in <i>C. elegans</i> is controlled by the RAC GTPase CED-10 and the RhoGEF TIAM-1. <i>PLoS Genetics</i> , 2022, 18, e1010127.	3.5	11
16	The Dynein Stalk Contains an Antiparallel Coiled Coil with Region-Specific Stability. <i>Biochemistry</i> , 2009, 48, 2710-2713.	2.5	10
17	Swimming Exercise Promotes Post-injury Axon Regeneration and Functional Restoration through AMPK. <i>ENeuro</i> , 2021, 8, ENEURO.0414-20.2021.	1.9	8
18	Regulation of UNC-40/DCC and UNC-6/Netrin by DAF-16 promotes functional rewiring of the injured axon. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	6

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19	UNC-16 alters DLK-1 localization and negatively regulates actin and microtubule dynamics in <i>Caenorhabditis elegans</i> regenerating neurons. <i>Genetics</i> , 2021, 219, .	2.9	3
20	The G-Protein-Coupled Receptor SRX-97 Is Required for Concentration-Dependent Sensing of Benzaldehyde in <i>Caenorhabditis elegans</i> . <i>ENeuro</i> , 2021, 8, ENEURO.0011-20.2020.	1.9	2
21	WNT Signaling Establishes Microtubule Polarity in Neuron Through the Regulation of Kinesin-13 Family Microtubule Depolymerizing Factor. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
22	<i>In vivo</i> Assessment of Microtubule Dynamics and Orientation in <i>Caenorhabditis elegans</i> Neurons. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0