Sougata Roy

List of Publications by Year
in descending order

24 papers	1,041 citations	759233 12 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	1044 citing authors

#	Article	IF	Citations
1	Cytonemes coordinate asymmetric signaling and organization in the Drosophila muscle progenitor niche. Nature Communications, 2022, 13, 1185.	12.8	8
2	GPI-anchored FGF directs cytoneme-mediated bidirectional contacts to regulate its tissue-specific dispersion. Nature Communications, 2022, 13, .	12.8	7
3	Multiview confocal super-resolution microscopy. Nature, 2021, 600, 279-284.	27.8	55
4	Drosophila FGF cleavage is required for efficient intracellular sorting and intercellular dispersal. Journal of Cell Biology, 2019, 218, 1653-1669.	5.2	11
5	Ex vivo Drosophila Wing Imaginal Disc Culture and Furin Inhibitor Assay. Bio-protocol, 2019, 9, e3336.	0.4	2
6	An Efficient Strategy for Generating Tissue-specific Binary Transcription Systems in Drosophila by Genome Editing. Journal of Visualized Experiments, 2018, , .	0.3	5
7	Imaging Cytonemes in Drosophila Embryos. Methods in Molecular Biology, 2018, 1863, 29-45.	0.9	1
8	Feedback regulation of cytoneme-mediated transport shapes a tissue-specific FGF morphogen gradient. ELife, 2018, 7, .	6.0	37
9	Unique patterns of organization and migration of FGF-expressing cells during Drosophila morphogenesis. Developmental Biology, 2017, 427, 35-48.	2.0	30
10	Hyperactive locomotion in a Drosophila model is a functional readout for the synaptic abnormalities underlying fragile X syndrome. Science Signaling, 2017, 10, .	3.6	33
11	Augmented noncanonical BMP type II receptor signaling mediates the synaptic abnormality of fragile X syndrome. Science Signaling, 2016, 9, ra58.	3.6	49
12	Paracrine signaling mediated at cellâ€“cell contacts. BioEssays, 2015, 37, 25-33.	2.5	39
13	Developmental compartments in the larval trachea of Drosophila. ELife, 2015, 4, .	6.0	17
14	Cytoneme-Mediated Contact-Dependent Transport of the Drosophila Decapentaplegic Signaling Protein. Science, 2014, 343, 1244624.	12.6	198
15	Cytonemes as specialized signaling filopodia. Development (Cambridge), 2014, 141, 729-736.	2.5	190
16	Communicating by touch â€“ neurons are not alone. Trends in Cell Biology, 2014, 24, 370-376.	7.9	59
17	Highly fluorescent GFP_m²⁺â€based genome integrationâ€proficient promoter probe vector to study Mycobacterium tuberculosis promoters in infected macrophages. Microbial Biotechnology, 2012, 5, 98-105.	4.2	10
18	Mycobacterium tuberculosis Expresses ftsE Gene Through Multiple Transcripts. Current Microbiology, 2011, 62, 1581-1589.	2.2	1

#	Article	IF	Citations
19	Direct Delivery Mechanisms of Morphogen DispersionA Presentation from the 1st International HEALING Meeting: Hh-Gli Signaling in Development, Regeneration, and Disease, Kolymbari, Crete, 23 to 25 June 2011.. Science Signaling, 2011, 4, pt8.	3.6	10
20	Specificity of Drosophila Cytonemes for Distinct Signaling Pathways. Science, 2011, 332, 354-358.	12.6	225
21	The ftsZ Gene of Mycobacterium smegmatis is expressed Through Multiple Transcripts. Open Microbiology Journal, 2011, 5, 43-53.	0.7	2
22	Mycobacterium tuberculosis groEpromoter controls the expression of the bicistronicgroESL1operon and shows differential regulation under stress conditions. FEMS Microbiology Letters, 2009, 292, 42-49.	1.8	13
23	Transcriptional Analysis of the Principal Cell Division Gene, ftsZ , of Mycobacterium tuberculosis. Journal of Bacteriology, 2005, 187, 2540-2550.	2.2	16
24	Identification and semi-quantitative analysis of Mycobacterium tuberculosis H37Rv ftsZ gene-specific promoter activity-containing regions. Research in Microbiology, 2004, 155, 817-826.	2.1	16