

Sougata Roy

List of Publications by Year in descending order

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Version: 2024-02-01

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	Specificity of <i>Drosophila</i> Cytonemes for Distinct Signaling Pathways. <i>Science</i> , 2011, 332, 354-358.	12.6	225
2	Cytoneme-Mediated Contact-Dependent Transport of the <i>Drosophila</i> Decapentaplegic Signaling Protein. <i>Science</i> , 2014, 343, 1244624.	12.6	198
3	Cytonemes as specialized signaling filopodia. <i>Development (Cambridge)</i> , 2014, 141, 729-736.	2.5	190
4	Communicating by touch – neurons are not alone. <i>Trends in Cell Biology</i> , 2014, 24, 370-376.	7.9	59
5	Multiview confocal super-resolution microscopy. <i>Nature</i> , 2021, 600, 279-284.	27.8	55
6	Augmented noncanonical BMP type II receptor signaling mediates the synaptic abnormality of fragile X syndrome. <i>Science Signaling</i> , 2016, 9, ra58.	3.6	49
7	Paracrine signaling mediated at cell-cell contacts. <i>BioEssays</i> , 2015, 37, 25-33.	2.5	39
8	Feedback regulation of cytoneme-mediated transport shapes a tissue-specific FGF morphogen gradient. <i>ELife</i> , 2018, 7, .	6.0	37
9	Hyperactive locomotion in a <i>Drosophila</i> model is a functional readout for the synaptic abnormalities underlying fragile X syndrome. <i>Science Signaling</i> , 2017, 10, .	3.6	33
10	Unique patterns of organization and migration of FGF-expressing cells during <i>Drosophila</i> morphogenesis. <i>Developmental Biology</i> , 2017, 427, 35-48.	2.0	30
11	Developmental compartments in the larval trachea of <i>Drosophila</i> . <i>ELife</i> , 2015, 4, .	6.0	17
12	Identification and semi-quantitative analysis of <i>Mycobacterium tuberculosis</i> H37Rv <i>ftsZ</i> gene-specific promoter activity-containing regions. <i>Research in Microbiology</i> , 2004, 155, 817-826.	2.1	16
13	Transcriptional Analysis of the Principal Cell Division Gene, <i>ftsZ</i> , of <i>Mycobacterium tuberculosis</i> . <i>Journal of Bacteriology</i> , 2005, 187, 2540-2550.	2.2	16
14	<i>Mycobacterium tuberculosis groE</i> promoter controls the expression of the bicistronic <i>groESL1</i> operon and shows differential regulation under stress conditions. <i>FEMS Microbiology Letters</i> , 2009, 292, 42-49.	1.8	13
15	<i>Drosophila</i> FGF cleavage is required for efficient intracellular sorting and intercellular dispersal. <i>Journal of Cell Biology</i> , 2019, 218, 1653-1669.	5.2	11
16	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.. <i>Science Signaling</i> , 2011, 4, pt8.	3.6	10
17	Highly fluorescent GFP _m ²⁺ -based genome integration-efficient promoter probe vector to study <i>Mycobacterium tuberculosis</i> promoters in infected macrophages. <i>Microbial Biotechnology</i> , 2012, 5, 98-105.	4.2	10
18	Cytonemes coordinate asymmetric signaling and organization in the <i>Drosophila</i> muscle progenitor niche. <i>Nature Communications</i> , 2022, 13, 1185.	12.8	8

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19	GPI-anchored FGF directs cytoneme-mediated bidirectional contacts to regulate its tissue-specific dispersion. <i>Nature Communications</i> , 2022, 13, .	12.8	7
20	An Efficient Strategy for Generating Tissue-specific Binary Transcription Systems in <i>Drosophila</i> by Genome Editing. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	5
21	The <i>ftsZ</i> Gene of <i>Mycobacterium smegmatis</i> is expressed Through Multiple Transcripts. <i>Open Microbiology Journal</i> , 2011, 5, 43-53.	0.7	2
22	Ex vivo <i>Drosophila</i> Wing Imaginal Disc Culture and Furin Inhibitor Assay. <i>Bio-protocol</i> , 2019, 9, e3336.	0.4	2
23	<i>Mycobacterium tuberculosis</i> Expresses <i>ftsE</i> Gene Through Multiple Transcripts. <i>Current Microbiology</i> , 2011, 62, 1581-1589.	2.2	1
24	Imaging Cytonemes in <i>Drosophila</i> Embryos. <i>Methods in Molecular Biology</i> , 2018, 1863, 29-45.	0.9	1