

Satish Bodakuntla

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

471
citations

9
h-index

21
g-index

26
ext. papers

734
ext. citations

9.2
avg, IF

4.05
L-index

#	Paper	IF	Citations
20	Lysate-based pipeline to characterize microtubule-associated proteins uncovers unique microtubule behaviours.. <i>Nature Cell Biology</i> , 2022 ,	23.4	2
19	H-ABC- and dystonia-causing mutations show distinct pathogenic effects.. <i>Science Advances</i> , 2022 , 8, eabj9229	14.3	0
18	Distinct roles of β and β tubulin polyglutamylation in controlling axonal transport and in neurodegeneration. <i>EMBO Journal</i> , 2021 , 40, e108498	13	7
17	Tubulin polyglutamylation, a regulator of microtubule functions, can cause neurodegeneration. <i>Neuroscience Letters</i> , 2021 , 746, 135656	3.3	4
16	Cytoskeleton and Membrane Organization at Axon Branches. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 707486	5.7	0
15	Tubulin polyglutamylation is a general traffic-control mechanism in hippocampal neurons. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	21
14	Purification of Tubulin with Controlled Posttranslational Modifications and Isoforms from Limited Sources by Polymerization-Depolymerization Cycles. <i>Journal of Visualized Experiments</i> , 2020 ,	1.6	1
13	Genetically encoded live-cell sensor for tyrosinated microtubules. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	8
12	Knocking Out Multiple Genes in Cultured Primary Neurons to Study Tubulin Posttranslational Modifications. <i>Methods in Molecular Biology</i> , 2020 , 2101, 327-351	1.4	2
11	Measuring the Impact of Tubulin Posttranslational Modifications on Axonal Transport. <i>Methods in Molecular Biology</i> , 2020 , 2101, 353-370	1.4	7
10	Loss of the deglutamyase CCP5 perturbs multiple steps of spermatogenesis and leads to male infertility. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	14
9	Purification of tubulin with controlled post-translational modifications by polymerization-depolymerization cycles. <i>Nature Protocols</i> , 2019 , 14, 1634-1660	18.8	18
8	Microtubule-Associated Proteins: Structuring the Cytoskeleton. <i>Trends in Cell Biology</i> , 2019 , 29, 804-819	18.3	87
7	Excessive tubulin polyglutamylation causes neurodegeneration and perturbs neuronal transport. <i>EMBO Journal</i> , 2018 , 37,	13	67
6	Direct induction of microtubule branching by microtubule nucleation factor SSNA1. <i>Nature Cell Biology</i> , 2018 , 20, 1172-1180	23.4	25
5	The tubulin code at a glance. <i>Journal of Cell Science</i> , 2017 , 130, 1347-1353	5.3	132
4	DNA-dependent protein kinase plays a central role in transformation of breast epithelial cells following alkylation damage. <i>Journal of Cell Science</i> , 2017 , 130, 3749-3763	5.3	4

3	Tubulin glycylation controls primary cilia length. <i>Journal of Cell Biology</i> , 2017 , 216, 2701-2713	7.3	45
2	Pro-cognitive action of CART is mediated via ERK in the hippocampus. <i>Hippocampus</i> , 2016 , 26, 1313-27	3.5	19
1	N-nitroso-N-ethylurea activates DNA damage surveillance pathways and induces transformation in mammalian cells. <i>BMC Cancer</i> , 2014 , 14, 287	4.8	5