

# Swadhin C Jana

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,313  
citations

516710

16  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1793  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polo-like kinases: structural variations lead to multiple functions. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 433-452.	37.0	377
2	Over-elongation of centrioles in cancer promotes centriole amplification and chromosome missegregation. <i>Nature Communications</i> , 2018, 9, 1258.	12.8	113
3	Regulation of Autophosphorylation Controls PLK4 Self-Destruction and Centriole Number. <i>Current Biology</i> , 2013, 23, 2245-2254.	3.9	110
4	A mechanism for the elimination of the female gamete centrosome in <i>Drosophila melanogaster</i> . <i>Science</i> , 2016, 353, aaf4866.	12.6	90
5	BLD10/CEP135 Is a Microtubule-Associated Protein that Controls the Formation of the Flagellum Central Microtubule Pair. <i>Developmental Cell</i> , 2012, 23, 412-424.	7.0	84
6	Differential regulation of transition zone and centriole proteins contributes to ciliary base diversity. <i>Nature Cell Biology</i> , 2018, 20, 928-941.	10.3	78
7	PLK4 trans-Autoactivation Controls Centriole Biogenesis in Space. <i>Developmental Cell</i> , 2015, 35, 222-235.	7.0	77
8	Rootletin organizes the ciliary rootlet to achieve neuron sensory function in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 2015, 211, 435-453.	5.2	63
9	Mapping molecules to structure: unveiling secrets of centriole and cilia assembly with near-atomic resolution. <i>Current Opinion in Cell Biology</i> , 2014, 26, 96-106.	5.4	62
10	<i>Drosophila melanogaster</i> as a model for basal body research. <i>Cilia</i> , 2016, 5, 22.	1.8	55
11	KAP, the Accessory Subunit of Kinesin-2, Binds the Predicted Coiled-Coil Stalk of the Motor Subunits. <i>Biochemistry</i> , 2009, 48, 2248-2260.	2.5	31
12	Heterotrimeric kinesin-II is necessary and sufficient to promote different stepwise assembly of morphologically distinct bipartite cilia in <i>Drosophila</i> antenna. <i>Molecular Biology of the Cell</i> , 2011, 22, 769-781.	2.1	26
13	Dynein Light Chain 1 (LC8) Association Enhances Microtubule Stability and Promotes Microtubule Bundling. <i>Journal of Biological Chemistry</i> , 2012, 287, 40793-40805.	3.4	26
14	RETREG1/FAM134B mediated autophagosomal degradation of AMFR/GP78 and OPA1 – a dual organellar turnover mechanism. <i>Autophagy</i> , 2021, 17, 1729-1752.	9.1	22
15	Pericentrin-mediated SAS-6 recruitment promotes centriole assembly. <i>ELife</i> , 2019, 8, .	6.0	22
16	Interaction with a Kinesin Tail Propels Choline Acetyltransferase Flow Towards Synapse. <i>Traffic</i> , 2012, 13, 979-991.	2.7	20
17	Centrosome structure and biogenesis: Variations on a theme?. <i>Seminars in Cell and Developmental Biology</i> , 2021, 110, 123-138.	5.0	15
18	Polo Boxes Come out of the Crypt: A New View of PLK Function and Evolution. <i>Structure</i> , 2012, 20, 1801-1804.	3.3	14

#	ARTICLE	IF	CITATIONS
19	Biochemical and Molecular Dynamic Simulation Analysis of a Weak Coiled Coil Association between Kinesin-II Stalks. PLoS ONE, 2012, 7, e45981.	2.5	10
20	Kinesin-2 transports Orco into the olfactory cilium of <i>Drosophila melanogaster</i> at specific developmental stages. PLoS Genetics, 2021, 17, e1009752.	3.5	7
21	Methods to Study Centrosomes and Cilia in <i>Drosophila</i> . Methods in Molecular Biology, 2016, 1454, 215-236.	0.9	5
22	A structural road map to unveil basal body composition and assembly. EMBO Journal, 2012, 31, 519-521.	7.8	3