Daiju Kitagawa

List of Publications by Year in descending order

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33	1,549	430874	414414
papers	citations	18 h-index	32 g-index

42	42	42	1617
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental and Natural Induction of de novo Centriole Formation. Frontiers in Cell and Developmental Biology, 2022, 10, 861864.	3.7	8
2	Emerging insights into symmetry breaking in centriole duplication: updated view on centriole duplication theory. Current Opinion in Structural Biology, 2021, 66, 8-14.	5.7	14
3	Centriole and PCM cooperatively recruit CEP192 to spindle poles to promote bipolar spindle assembly. Journal of Cell Biology, 2021, 220, .	5.2	21
4	Biophysical and biochemical properties of Deup1 self-assemblies: a potential driver for deuterosome formation during multiciliogenesis. Biology Open, 2021, 10, .	1.2	8
5	Cep57 and Cep57L1 maintain centriole engagement in interphase to ensure centriole duplication cycle. Journal of Cell Biology, 2021, 220, .	5.2	10
6	Nu <scp>MA</scp> assemblies organize microtubule asters toÂestablish spindle bipolarity in acentrosomal human cells. EMBO Journal, 2020, 39, e102378.	7.8	97
7	The centriole protein CEP76 negatively regulates PLK1 activity in the cytoplasm for proper mitotic progression. Journal of Cell Science, 2020, 133, .	2.0	6
8	Mechanisms of spindle bipolarity establishment in acentrosomal human cells. Molecular and Cellular Oncology, 2020, 7, 1743899.	0.7	3
9	Overview of the â€œbiophysics in nano-spaceâ€•session at the 57th annual meeting of the biophysical society of Japan. Biophysical Reviews, 2020, 12, 283-285.	3.2	1
10	The Emerging Role of ncRNAs and RNA-Binding Proteins in Mitotic Apparatus Formation. Non-coding RNA, 2020, 6, 13.	2.6	11
11	Centrosomal and Non-centrosomal Functions Emerged through Eliminating Centrosomes. Cell Structure and Function, 2020, 45, 57-64.	1.1	8
12	A theory of centriole duplication based on self-organized spatial pattern formation. Journal of Cell Biology, 2019, 218, 3537-3547.	5.2	25
13	HsSAS-6-dependent cartwheel assembly ensures stabilization of centriole intermediates. Journal of Cell Science, 2019, 132, .	2.0	24
14	Self-organization of Plk4 regulates symmetry breaking in centriole duplication. Nature Communications, 2019, 10, 1810.	12.8	52
15	The Cep57-pericentrin module organizes PCM expansion and centriole engagement. Nature Communications, 2019, 10, 931.	12.8	54
16	Feedback loops in the Plk4â€“STILâ€“HsSAS6 network coordinate site selection for procentriole formation. Biology Open, 2019, 8, .	1.2	20
17	Ultrastructural diversity between centrioles of eukaryotes. Journal of Biochemistry, 2018, 164, 1-8.	1.7	22
18	Bimodal Binding of STIL to Plk4 Controls Proper Centriole Copy Number. Cell Reports, 2018, 23, 3160-3169.e4.	6.4	51

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19	NEK7 is required for G1 progression and procentriole formation. Molecular Biology of the Cell, 2017, 28, 2123-2134.	2.1	21
20	Katanin p80, NuMA and cytoplasmic dynein cooperate to control microtubule dynamics. Scientific Reports, 2017, 7, 39902.	3.3	25
21	A novel genetic syndrome with STARD9 mutation and abnormal spindle morphology. American Journal of Medical Genetics, Part A, 2017, 173, 2690-2696.	1.2	7
22	CDK1 Prevents Unscheduled PLK4-STIL Complex Assembly in Centriole Biogenesis. Current Biology, 2016, 26, 1127-1137.	3.9	68
23	Cep295 is a conserved scaffold protein required for generation of a bona fide mother centriole. Nature Communications, 2016, 7, 12567.	12.8	53
24	LIN-41 inactivation leads to delayed centrosome elimination and abnormal chromosome behavior during female meiosis inCaenorhabditis elegans. Molecular Biology of the Cell, 2016, 27, 799-811.	2.1	14
25	Suppression of ectopic assembly of centriole proteins ensures mitotic spindle integrity. Molecular and Cellular Oncology, 2015, 2, e1002717.	0.7	0
26	<scp>RBM</scp> 14 prevents assembly of centriolar protein complexes and maintains mitotic spindle integrity. EMBO Journal, 2015, 34, 97-114.	7.8	32
27	Direct interaction of Plk4 with STIL ensures formation of a single procentriole per parental centriole. Nature Communications, 2014, 5, 5267.	12.8	210
28	Structural Basis of the 9-Fold Symmetry of Centrioles. Cell, 2011, 144, 364-375.	28.9	317
29	PP2A Phosphatase Acts upon SAS-5 to Ensure Centriole Formation in C.Âelegans Embryos. Developmental Cell, 2011, 20, 550-562.	7.0	51
30	Spindle positioning in human cells relies on proper centriole formation and on the microcephaly proteins CPAP and STIL. Journal of Cell Science, 2011, 124, 3884-3893.	2.0	99
31	Phosphorylation of SAS-6 by ZYG-1 Is Critical for Centriole Formation in C. elegans Embryos. Developmental Cell, 2009, 17, 900-907.	7.0	54
32	Genetic dissection of the formation of the forebrain in Medaka, Oryzias latipes. Mechanisms of Development, 2004, 121, 673-685.	1.7	17
33	Activation of Extracellular Signal-regulated Kinase by Ultraviolet Is Mediated through Src-dependent Epidermal Growth Factor Receptor Phosphorylation. Journal of Biological Chemistry, 2002, 277, 366-371.	3.4	127