Jadranka Loncarek

List of Publications by Year
in descending order

50	3,557	186265 28	182427 51
papers	citations	h-index	g-index

53	53	53	4293
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CPAP insufficiency leads to incomplete centrioles that duplicate but fragment. Journal of Cell Biology, 2022, 221, .	5.2	7
2	Analyzing Centrioles and Cilia by Expansion Microscopy. Methods in Molecular Biology, 2021, 2329, 249-263.	0.9	10
3	TRIM37 prevents formation of condensate-organized ectopic spindle poles to ensure mitotic fidelity. Journal of Cell Biology, 2021, 220, .	5.2	7
4	Human centrosome organization and function in interphase and mitosis. Seminars in Cell and Developmental Biology, 2021, 117, 30-41.	5.0	42
5	ANKRD26 recruits PIDD1 to centriolar distal appendages to activate the PIDDosome following centrosome amplification. EMBO Journal, 2021, 40, e105106.	7.8	35
6	With Age Comes Maturity: Biochemical and Structural Transformation of a Human Centriole in the Making. Cells, 2020, 9, 1429.	4.1	30
7	Prolonged mitosis results in structurally aberrant and over-elongated centrioles. Journal of Cell Biology, 2020, 219, .	5.2	34
8	A protein quality control pathway at the mitochondrial outer membrane. ELife, 2020, 9, .	6.0	38
9	Regulation of cilia abundance in multiciliated cells. ELife, 2019, 8, .	6.0	56
10	Expansion microscopy for the analysis of centrioles and cilia. Journal of Microscopy, 2019, 276, 145-159.	1.8	42
11	Single-Cell Analysis Reveals that Chronic Silver Nanoparticle Exposure Induces Cell Division Defects in Human Epithelial Cells. International Journal of Environmental Research and Public Health, 2019, 16, 2061.	2.6	6
12	High-resolution characterization of centriole distal appendage morphology and dynamics by correlative STORM and electron microscopy. Nature Communications, 2019, 10, 993.	12.8	104
13	Building the right centriole for each cell type. Journal of Cell Biology, 2018, 217, 823-835.	5.2	84
14	PLK4 is a microtubule-associated protein that self assembles promoting de novo MTOC formation. Journal of Cell Science, 2018, 132, .	2.0	40
15	Separation and Loss of Centrioles From Primordidal Germ Cells To Mature Oocytes In The Mouse. Scientific Reports, 2018, 8, 12791.	3.3	17
16	A novel atypical sperm centriole is functional during human fertilization. Nature Communications, 2018, 9, 2210.	12.8	103
17	Direct molecular dissection of tumor parenchyma from tumor stroma in tumor xenograft using mass spectrometry-based glycoproteomics. Oncotarget, 2018, 9, 26431-26452.	1.8	7
18	Cyanine Conformational Restraint in the Far-Red Range. Journal of the American Chemical Society, 2017, 139, 12406-12409.	13.7	125

#	Article	IF	Citations
19	Centriole triplet microtubules are required for stable centriole formation and inheritance in human cells. ELife, 2017, 6, .	6.0	39
20	Centriole Remodeling during Spermiogenesis in Drosophila. Current Biology, 2016, 26, 3183-3189.	3.9	55
21	BRCA2 minor transcript lacking exons 4â€“7 supports viability in mice and may account for survival of humans with a pathogenic biallelic mutation. Human Molecular Genetics, 2016, 25, 1934-1945.	2.9	11
22	Comparative proteomics of a model MCF10A-KRasG12V cell line reveals a distinct molecular signature of the KRasG12V cell surface. Oncotarget, 2016, 7, 86948-86971.	1.8	23
23	Correlative light and electron microscopy analysis of the centrosome. Methods in Cell Biology, 2015, 129, 1-18.	1.1	14
24	Nodal signaling from the visceral endoderm is required to maintain Nodal gene expression in the epiblast and drive DVE/AVE migration. Developmental Biology, 2015, 400, 1-9.	2.0	27
25	Plk1 relieves centriole block to reduplication by promoting daughter centriole maturation. Nature Communications, 2015, 6, 8077.	12.8	65
26	MDM1 is a microtubule-binding protein that negatively regulates centriole duplication. Molecular Biology of the Cell, 2015, 26, 3788-3802.	2.1	17
27	Loss of function of mouse Paxâ€Interacting Protein 1â€associated glutamate rich protein 1a (Pagr1a) leads to reduced Bmp2 expression and defects in chorion and amnion development. Developmental Dynamics, 2014, 243, 937-947.	1.8	19
28	CLPTM1L Promotes Growth and Enhances Aneuploidy in Pancreatic Cancer Cells. Cancer Research, 2014, 74, 2785-2795.	0.9	48
29	Centriole maturation requires regulated Plk1 activity during two consecutive cell cycles. Journal of Cell Biology, 2014, 206, 855-865.	5.2	85
30	Hierarchical recruitment of Plk4 and regulation of centriole biogenesis by two centrosomal scaffolds, Cep192 and Cep152. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4849-57.	7.1	190
31	Concerted effort of centrosomal and Golgi-derived microtubules is required for proper Golgi complex assembly but not for maintenance. Molecular Biology of the Cell, 2012, 23, 820-833.	2.1	68
32	Predictiveâ€focus illumination for reducing photodamage in liveâ€cell microscopy. Journal of Microscopy, 2012, 246, 160-167.	1.8	11
33	The Spatial Arrangement of Chromosomes during Prometaphase Facilitates Spindle Assembly. Cell, 2011, 146, 555-567.	28.9	279
34	Centriole Reduplication during Prolonged Interphase Requires Procentriole Maturation Governed by Plk1. Current Biology, 2010, 20, 1277-1282.	3.9	123
35	Relative contributions of chromatin and kinetochores to mitotic spindle assembly. Journal of Cell Biology, 2009, 187, 43-51.	5.2	81
36	Overly Long Centrioles and Defective Cell Division upon Excess of the SAS-4-Related Protein CPAP. Current Biology, 2009, 19, 1012-1018.	3.9	228

#	Article	IF	Citations
37	Ab ovo or de novo? Mechanisms of Centriole Duplication. Molecules and Cells, 2009, 27, 135-142.	2.6	79
38	Control of daughter centriole formation by the pericentriolar material. Nature Cell Biology, 2008, 10, 322-328.	10.3	189
39	Extra centrosomes and/or chromosomes prolong mitosis in human cells. Nature Cell Biology, 2008, 10, 748-751.	10.3	129
40	The spindle assembly checkpoint is satisfied in the absence of interkinetochore tension during mitosis with unreplicated genomes. Journal of Cell Biology, 2008, 183, 29-36.	5.2	68
41	Cell cycle progression and de novo centriole assembly after centrosomal removal in untransformed human cells. Journal of Cell Biology, 2007, 176, 173-182.	5.2	149
42	Asymmetric CLASP-Dependent Nucleation of Noncentrosomal Microtubules at the trans-Golgi Network. Developmental Cell, 2007, 12, 917-930.	7.0	481
43	Laser Microsurgery in the GFP Era: A Cell Biologist's Perspective. Methods in Cell Biology, 2007, 82, 237-266.	1.1	35
44	Centriole biogenesis: a tale of two pathways. Nature Cell Biology, 2007, 9, 736-738.	10.3	16
45	The centromere geometry essential for keeping mitosis error free is controlled by spindle forces. Nature, 2007, 450, 745-749.	27.8	82
46	Altered cellâ€“cell adhesion in cisplatin-resistant human carcinoma cells: A link between Î²-catenin/plakoglobin ratio and cisplatin resistance. European Journal of Pharmacology, 2007, 558, 27-36.	3.5	7
47	Catalytically inactive human cathepsin D triggers fibroblast invasive growth. Journal of Cell Biology, 2005, 168, 489-499.	5.2	101
48	Influence of p53 Status on the HSV-Tk/GCV-Induced Bystander Effect in a Panel of Human Ovarian Carcinoma Cell Lines. Oncology Research, 2005, 15, 151-159.	1.5	3
49	Is the junctional uncoupling elicited in rat ventricular myocytes by some dephosphorylation treatments due to changes in the phosphorylation status of Cx43?. European Biophysics Journal, 2004, 33, 201-10.	2.2	17
50	The expression of the tumor suppressor gene connexin 26 is not mediated by methylation in human esophageal cancer cells. Molecular Carcinogenesis, 2003, 36, 74-81.	2.7	24