

Izabela Sumara

List of Publications by Year in descending order

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35
papers

3,447
citations

304743

22
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

5502
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-proteolytic ubiquitylation in cellular signaling and human disease. <i>Communications Biology</i> , 2022, 5, 114.	4.4	23
2	The NANOTUMOR consortium “Towards the Tumor Cell Atlas. <i>Biology of the Cell</i> , 2021, 113, 272-280.	2.0	1
3	A PKD-MFF signaling axis couples mitochondrial fission to mitotic progression. <i>Cell Reports</i> , 2021, 35, 109129.	6.4	15
4	Feeding nuclear pores with condensed ME-AL-S. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 651-651.	37.0	0
5	The Multifaceted Regulation of Mitochondrial Dynamics During Mitosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 767221.	3.7	22
6	Fragile X-Related Protein 1 Regulates Nucleoporin Localization in a Cell Cycle-Dependent Manner. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 755847.	3.7	4
7	Deubiquitylase UCHL3 regulates bi-orientation and segregation of chromosomes during mitosis. <i>FASEB Journal</i> , 2020, 34, 12751-12767.	0.5	5
8	Spatial control of nucleoporin condensation by fragile X-related proteins. <i>EMBO Journal</i> , 2020, 39, e104467.	7.8	21
9	Cullin 3, a cellular scripter of the non-proteolytic ubiquitin code. <i>Seminars in Cell and Developmental Biology</i> , 2019, 93, 100-110.	5.0	24
10	The MTM1-UBQLN2-HSP complex mediates degradation of misfolded intermediate filaments in skeletal muscle. <i>Nature Cell Biology</i> , 2018, 20, 198-210.	10.3	37
11	UBASH3B-mediated silencing of the mitotic checkpoint: Therapeutic perspectives in cancer. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1271494.	0.7	8
12	Mutations in the HECT domain of NEDD4L lead to AKT-mTOR pathway deregulation and cause periventricular nodular heterotopia. <i>Nature Genetics</i> , 2016, 48, 1349-1358.	21.4	101
13	Cortical dynamics during cell motility are regulated by CRL3KLHL21 E3 ubiquitin ligase. <i>Nature Communications</i> , 2016, 7, 12810.	12.8	31
14	Ubiquitin Receptor Protein UBASH3B Drives Aurora B Recruitment to Mitotic Microtubules. <i>Developmental Cell</i> , 2016, 36, 63-78.	7.0	38
15	Insulin secretory granules control autophagy in pancreatic β^2 cells. <i>Science</i> , 2015, 347, 878-882.	12.6	127
16	Molecular dynamics of PLK1 during mitosis. <i>Molecular and Cellular Oncology</i> , 2014, 1, e954507.	0.7	72
17	The emerging family of CULLIN3-RING ubiquitin ligases (CRL3s): cellular functions and disease implications. <i>EMBO Journal</i> , 2013, 32, 2307-2320.	7.8	222
18	CUL3 and protein kinases: Insights from PLK1/KLHL22 interaction. <i>Cell Cycle</i> , 2013, 12, 2291-2296.	2.6	27

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19	Ubiquitylation-dependent localization of PLK1 in mitosis. <i>Nature Cell Biology</i> , 2013, 15, 430-439.	10.3	91
20	Decoding Ubiquitin for Mitosis. <i>Genes and Cancer</i> , 2012, 3, 697-711.	1.9	19
21	Finding the midzone: the role of ubiquitination for CPC localization during anaphase. <i>Cell Cycle</i> , 2010, 9, 2921-2922.	2.6	9
22	The human Dcn1-like protein DCNL3 promotes Cul3 neddylation at membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12365-12370.	7.1	71
23	An interaction network of the mammalian COP9 signalosome identifies Dda1 as a core subunit of multiple Cul4-based E3 ligases. <i>Journal of Cell Science</i> , 2009, 122, 1035-1044.	2.0	74
24	The Cul3- κ LHL21 E3 ubiquitin ligase targets Aurora B to midzone microtubules in anaphase and is required for cytokinesis. <i>Journal of Cell Biology</i> , 2009, 187, 791-800.	5.2	119
25	Regulation of PKD by the MAPK p38 β in Insulin Secretion and Glucose Homeostasis. <i>Cell</i> , 2009, 136, 235-248.	28.9	215
26	E3 ubiquitin ligases and mitosis: embracing the complexity. <i>Trends in Cell Biology</i> , 2008, 18, 84-94.	7.9	46
27	A Cul3-Based E3 Ligase Regulates Mitosis and is Required to Maintain the Spindle Assembly Checkpoint in Human Cells. <i>Cell Cycle</i> , 2007, 6, 3004-3010.	2.6	20
28	A Cul3-Based E3 Ligase Removes Aurora B from Mitotic Chromosomes, Regulating Mitotic Progression and Completion of Cytokinesis in Human Cells. <i>Developmental Cell</i> , 2007, 12, 887-900.	7.0	191
29	c-Jun/AP-1 controls liver regeneration by repressing p53/p21 and p38 MAPK activity. <i>Genes and Development</i> , 2006, 20, 2306-2314.	5.9	204
30	Distinct functions of junD in cardiac hypertrophy and heart failure. <i>Genes and Development</i> , 2005, 19, 208-213.	5.9	44
31	Requirement of JNK2 for Scavenger Receptor A-Mediated Foam Cell Formation in Atherogenesis. <i>Science</i> , 2004, 306, 1558-1561.	12.6	259
32	Regulation of Sister Chromatid Cohesion between Chromosome Arms. <i>Current Biology</i> , 2004, 14, 1187-1193.	3.9	199
33	Roles of Polo-like Kinase 1 in the Assembly of Functional Mitotic Spindles. <i>Current Biology</i> , 2004, 14, 1712-1722.	3.9	312
34	The Dissociation of Cohesin from Chromosomes in Prophase Is Regulated by Polo-like Kinase. <i>Molecular Cell</i> , 2002, 9, 515-525.	9.7	410
35	Characterization of Vertebrate Cohesin Complexes and Their Regulation in Prophase. <i>Journal of Cell Biology</i> , 2000, 151, 749-762.	5.2	386