

Katharina F Sonnen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3785540/publications.pdf>

Version: 2024-02-01

17
papers

1,444
citations

840585

11
h-index

839398

18
g-index

28
all docs

28
docs citations

28
times ranked

1887
citing authors

#	ARTICLE	IF	CITATIONS
1	3D-structured illumination microscopy provides novel insight into architecture of human centrosomes. <i>Biology Open</i> , 2012, 1, 965-976.	0.6	309
2	Single-cell and spatial transcriptomics reveal somitogenesis in gastruloids. <i>Nature</i> , 2020, 582, 405-409.	13.7	274
3	Human Cep192 and Cep152 cooperate in Plk4 recruitment and centriole duplication. <i>Journal of Cell Science</i> , 2013, 126, 3223-33.	1.2	195
4	Cell-cycle-regulated expression of STIL controls centriole number in human cells. <i>Journal of Cell Science</i> , 2012, 125, 1342-1352.	1.2	170
5	Modulation of Phase Shift between Wnt and Notch Signaling Oscillations Controls Mesoderm Segmentation. <i>Cell</i> , 2018, 172, 1079-1090.e12.	13.5	155
6	Spatiotemporal Analysis of a Glycolytic Activity Gradient Linked to Mouse Embryo Mesoderm Development. <i>Developmental Cell</i> , 2017, 40, 331-341.e4.	3.1	107
7	AKR1C Isoforms Represent a Novel Cellular Target for Jasmonates alongside Their Mitochondrial-Mediated Effects. <i>Cancer Research</i> , 2009, 69, 4769-4775.	0.4	53
8	Microfluidics as an Emerging Precision Tool in Developmental Biology. <i>Developmental Cell</i> , 2019, 48, 293-311.	3.1	51
9	Dynamic signal encodingâ€”From cells to organisms. <i>Seminars in Cell and Developmental Biology</i> , 2014, 34, 91-98.	2.3	42
10	Bioengineering inÂvitro models of embryonic development. <i>Stem Cell Reports</i> , 2021, 16, 1104-1116.	2.3	26
11	Signalling dynamics in embryonic development. <i>Biochemical Journal</i> , 2021, 478, 4045-4070.	1.7	16
12	Development in a Dishâ€”In Vitro Models of Mammalian Embryonic Development. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 655993.	1.8	13
13	Building bridges between fields: bringing together development and homeostasis. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	7
14	A Microfluidics Approach for the Functional Investigation of Signaling Oscillations Governing Somitogenesis. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	6
15	Live imaging of adult zebrafish cardiomyocyte proliferation <i>ex vivo</i> . <i>Development (Cambridge)</i> , 2021, 148, .	1.2	5
16	Signaling oscillations in embryonic development. <i>Current Topics in Developmental Biology</i> , 2022, , 341-372.	1.0	3
17	#ESHREjc report: are fallopian tubes the unsung hero of reproduction?. <i>Human Reproduction</i> , 2021, 36, 1728-1729.	0.4	1