

Katharina F Sonnen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

934
citations

9
h-index

28
g-index

28
ext. papers

1,245
ext. citations

11.3
avg, IF

4.49
L-index

#	Paper	IF	Citations
15	3D-structured illumination microscopy provides novel insight into architecture of human centrosomes. <i>Biology Open</i> , 2012 , 1, 965-76	2.2	261
14	Human Cep192 and Cep152 cooperate in Plk4 recruitment and centriole duplication. <i>Journal of Cell Science</i> , 2013 , 126, 3223-33	5.3	146
13	Cell-cycle-regulated expression of STIL controls centriole number in human cells. <i>Journal of Cell Science</i> , 2012 , 125, 1342-52	5.3	136
12	Single-cell and spatial transcriptomics reveal somitogenesis in gastruloids. <i>Nature</i> , 2020 , 582, 405-409	50.4	118
11	Modulation of Phase Shift between Wnt and Notch Signaling Oscillations Controls Mesoderm Segmentation. <i>Cell</i> , 2018 , 172, 1079-1090.e12	56.2	89
10	Spatiotemporal Analysis of a Glycolytic Activity Gradient Linked to Mouse Embryo Mesoderm Development. <i>Developmental Cell</i> , 2017 , 40, 331-341.e4	10.2	52
9	AKR1C isoforms represent a novel cellular target for jasmonates alongside their mitochondrial-mediated effects. <i>Cancer Research</i> , 2009 , 69, 4769-75	10.1	48
8	Microfluidics as an Emerging Precision Tool in Developmental Biology. <i>Developmental Cell</i> , 2019 , 48, 293-311	10.2	29
7	Dynamic signal encoding--from cells to organisms. <i>Seminars in Cell and Developmental Biology</i> , 2014 , 34, 91-8	7.5	28
6	Bioengineering in vitro models of embryonic development. <i>Stem Cell Reports</i> , 2021 , 16, 1104-1116	8	8
5	Development in a Dish- Models of Mammalian Embryonic Development. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 655993	5.7	4
4	A Microfluidics Approach for the Functional Investigation of Signaling Oscillations Governing Somitogenesis. <i>Journal of Visualized Experiments</i> , 2021 ,	1.6	2
3	Signalling dynamics in embryonic development. <i>Biochemical Journal</i> , 2021 , 478, 4045-4070	3.8	2
2	Building bridges between fields: bringing together development and homeostasis. <i>Development (Cambridge)</i> , 2021 , 148,	6.6	1
1	#ESHREjc report: are fallopian tubes the unsung hero of reproduction?. <i>Human Reproduction</i> , 2021 , 36, 1728-1729	5.7	0