

# Katharina F Sonnen

## List of Publications by Year in Descending Order

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