

Anja Sieber

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9675823/publications.pdf>

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14
papers

1,193
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2338
citing authors

#	ARTICLE	IF	CITATIONS
1	Perturbation-response genes reveal signaling footprints in cancer gene expression. <i>Nature Communications</i> , 2018, 9, 20.	12.8	436
2	Strong negative feedback from Erk to Raf confers robustness to MAPK signalling. <i>Molecular Systems Biology</i> , 2011, 7, 489.	7.2	172
3	Network quantification of EGFR signaling unveils potential for targeted combination therapy. <i>Molecular Systems Biology</i> , 2013, 9, 673.	7.2	158
4	The Two Active X Chromosomes in Female ESCs Block Exit from the Pluripotent State by Modulating the ESC Signaling Network. <i>Cell Stem Cell</i> , 2014, 14, 203-216.	11.1	149
5	Drug Resistance Mechanisms in Colorectal Cancer Dissected with Cell Type-Specific Dynamic Logic Models. <i>Cancer Research</i> , 2017, 77, 3364-3375.	0.9	101
6	Mitogen-activated protein kinase activity drives cell trajectories in colorectal cancer. <i>EMBO Molecular Medicine</i> , 2021, 13, e14123.	6.9	47
7	Analysis of impedance-based cellular growth assays. <i>Bioinformatics</i> , 2015, 31, 2705-2712.	4.1	33
8	Modelling signalling networks from perturbation data. <i>Bioinformatics</i> , 2018, 34, 4079-4086.	4.1	25
9	Isoform-specific Ras signaling is growth factor dependent. <i>Molecular Biology of the Cell</i> , 2019, 30, 1108-1117.	2.1	23
10	Early senescence and production of senescence-associated cytokines are major determinants of radioresistance in head-and-neck squamous cell carcinoma. <i>Cell Death and Disease</i> , 2021, 12, 1162.	6.3	23
11	Reflection of neuroblastoma intratumor heterogeneity in the new OHC-NB1 disease model. <i>International Journal of Cancer</i> , 2020, 146, 1031-1041.	5.1	9
12	Comparative Network Reconstruction using mixed integer programming. <i>Bioinformatics</i> , 2018, 34, i997-i1004.	4.1	8
13	Neuroblastoma signalling models unveil combination therapies targeting feedback-mediated resistance. <i>PLoS Computational Biology</i> , 2021, 17, e1009515.	3.2	5
14	Mutation-specific effects of NRAS oncogenes in colorectal cancer cells. <i>Advances in Biological Regulation</i> , 2021, 79, 100778.	2.3	4