

# Kathleen Sprouffske

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/996089/publications.pdf>

Version: 2024-02-01

19  
papers

1,203  
citations

623734

14  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exquisite Sensitivity to Dual BRG1/BRM ATPase Inhibitors Reveals Broad SWI/SNF Dependencies in Acute Myeloid Leukemia. <i>Molecular Cancer Research</i> , 2022, 20, 361-372.	3.4	22
2	Systematic dissection of transcriptional regulatory networks by genome-scale and single-cell CRISPR screens. <i>Science Advances</i> , 2021, 7, .	10.3	19
3	The Discovery of SWI/SNF Chromatin Remodeling Activity as a Novel and Targetable Dependency in Uveal Melanoma. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2186-2195.	4.1	18
4	Application of simultaneous selective pressures slows adaptation. <i>Evolutionary Applications</i> , 2020, 13, 1615-1625.	3.1	0
5	Genetic heterogeneity and clonal evolution during metastasis in breast cancer patient-derived tumor xenograft models. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 323-331.	4.1	12
6	PAX8 activates metabolic genes via enhancer elements in Renal Cell Carcinoma. <i>Nature Communications</i> , 2019, 10, 3739.	12.8	49
7	Assessing the benefits of horizontal gene transfer by laboratory evolution and genome sequencing. <i>BMC Evolutionary Biology</i> , 2018, 18, 54.	3.2	31
8	High mutation rates limit evolutionary adaptation in <i>Escherichia coli</i> . <i>PLoS Genetics</i> , 2018, 14, e1007324.	3.5	72
9	Effect of Population Size and Mutation Rate on the Evolution of RNA Sequences on an Adaptive Landscape Determined by RNA Folding. <i>International Journal of Biological Sciences</i> , 2017, 13, 1138-1151.	6.4	6
10	Growthcurver: an R package for obtaining interpretable metrics from microbial growth curves. <i>BMC Bioinformatics</i> , 2016, 17, 172.	2.6	582
11	How Archiving by Freezing Affects the Genome-Scale Diversity of <i>Escherichia coli</i> Populations. <i>Genome Biology and Evolution</i> , 2016, 8, 1290-1298.	2.5	11
12	Peto's paradox revisited: theoretical evolutionary dynamics of cancer in wild populations. <i>Evolutionary Applications</i> , 2013, 6, 109-116.	3.1	20
13	An evolutionary explanation for the presence of cancer nonstem cells in neoplasms. <i>Evolutionary Applications</i> , 2013, 6, 92-101.	3.1	25
14	Cancer in Light of Experimental Evolution. <i>Current Biology</i> , 2012, 22, R762-R771.	3.9	103
15	Solving the Puzzle of Metastasis: The Evolution of Cell Migration in Neoplasms. <i>PLoS ONE</i> , 2011, 6, e17933.	2.5	51
16	Accurate Reconstruction of the Temporal Order of Mutations in Neoplastic Progression. <i>Cancer Prevention Research</i> , 2011, 4, 1135-1144.	1.5	54
17	Cooperation and Cancer. , 2010, , 471-485.		4
18	Animal Cell Differentiation Patterns Suppress Somatic Evolution. <i>PLoS Computational Biology</i> , 2007, 3, e250.	3.2	62

#	ARTICLE	IF	CITATIONS
19	Fast NMDA Receptor-Mediated Synaptic Currents in Neurons From Mice Lacking the $\mu$ 2 (NR2B) Subunit. Journal of Neurophysiology, 2000, 83, 616-620.	1.8	62