

Justin Nelson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/233572/publications.pdf>

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13
papers

1,434
citations

840776

11
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

2729
citing authors

#	ARTICLE	IF	CITATIONS
1	A global genetic interaction network maps a wiring diagram of cellular function. <i>Science</i> , 2016, 353, .	12.6	979
2	Coculture of Marine Invertebrate-Associated Bacteria and Interdisciplinary Technologies Enable Biosynthesis and Discovery of a New Antibiotic, Keyicin. <i>ACS Chemical Biology</i> , 2017, 12, 3093-3102.	3.4	98
3	Functional annotation of chemical libraries across diverse biological processes. <i>Nature Chemical Biology</i> , 2017, 13, 982-993.	8.0	76
4	Unraveling the Biology of a Fungal Meningitis Pathogen Using Chemical Genetics. <i>Cell</i> , 2014, 159, 1168-1187.	28.9	67
5	Translocon Declogger Ste24 Protects against IAPP Oligomer-Induced Proteotoxicity. <i>Cell</i> , 2018, 173, 62-73.e9.	28.9	48
6	Environmental robustness of the global yeast genetic interaction network. <i>Science</i> , 2021, 372, .	12.6	40
7	Accumulation of heme biosynthetic intermediates contributes to the antibacterial action of the metalloid tellurite. <i>Nature Communications</i> , 2017, 8, 15320.	12.8	36
8	Chemical Genomics, Structure Elucidation, and <i>In Vivo</i> Studies of the Marine-Derived Anticlostridial Ecteinamycin. <i>ACS Chemical Biology</i> , 2017, 12, 2287-2295.	3.4	24
9	Using BEAN-counter to quantify genetic interactions from multiplexed barcode sequencing experiments. <i>Nature Protocols</i> , 2019, 14, 415-440.	12.0	16
10	MOSAIC: a chemical-genetic interaction data repository and web resource for exploring chemical modes of action. <i>Bioinformatics</i> , 2018, 34, 1251-1252.	4.1	14
11	Predicting bioprocess targets of chemical compounds through integration of chemical-genetic and genetic interactions. <i>PLoS Computational Biology</i> , 2018, 14, e1006532.	3.2	13
12	A New Natural Product Analog of Blastocidin S Reveals Cellular Uptake Facilitated by the NorA Multidrug Transporter. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	10
13	Integrating yeast chemical genomics and mammalian cell pathway analysis. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1245-1255.	6.1	2