

Jan Wildenhain

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

4,786
citations

430874

18
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

8198
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chemical Genomic Portrait of Yeast: Uncovering a Phenotype for All Genes. <i>Science</i> , 2008, 320, 362-365.	12.6	892
2	Orchestration of the DNA-Damage Response by the RNF8 Ubiquitin Ligase. <i>Science</i> , 2007, 318, 1637-1640.	12.6	800
3	The RIDDLE Syndrome Protein Mediates a Ubiquitin-Dependent Signaling Cascade at Sites of DNA Damage. <i>Cell</i> , 2009, 136, 420-434.	28.9	673
4	BoxPlotR: a web tool for generation of box plots. <i>Nature Methods</i> , 2014, 11, 121-122.	19.0	665
5	Combinations of antibiotics and nonantibiotic drugs enhance antimicrobial efficacy. <i>Nature Chemical Biology</i> , 2011, 7, 348-350.	8.0	447
6	Effects of Air Temperature on Climate-Sensitive Mortality and Morbidity Outcomes in the Elderly; a Systematic Review and Meta-analysis of Epidemiological Evidence. <i>EBioMedicine</i> , 2016, 6, 258-268.	6.1	337
7	Cross-species discovery of syncretic drug combinations that potentiate the antifungal fluconazole. <i>Molecular Systems Biology</i> , 2011, 7, 499.	7.2	169
8	A predictive model for drug bioaccumulation and bioactivity in <i>Caenorhabditis elegans</i> . <i>Nature Chemical Biology</i> , 2010, 6, 549-557.	8.0	164
9	Chemical genetics reveals a complex functional ground state of neural stem cells. <i>Nature Chemical Biology</i> , 2007, 3, 268-273.	8.0	153
10	The MMS22L-TONSL Complex Mediates Recovery from Replication Stress and Homologous Recombination. <i>Molecular Cell</i> , 2010, 40, 619-631.	9.7	106
11	Prediction of Synergism from Chemical-Genetic Interactions by Machine Learning. <i>Cell Systems</i> , 2015, 1, 383-395.	6.2	89
12	Off-Target Effects of Psychoactive Drugs Revealed by Genome-Wide Assays in Yeast. <i>PLoS Genetics</i> , 2008, 4, e1000151.	3.5	79
13	Combined zebrafish-yeast chemical-genetic screens reveal gene-copper-nutrition interactions that modulate melanocyte pigmentation. <i>DMM Disease Models and Mechanisms</i> , 2010, 3, 639-651.	2.4	41
14	A Loss of Function Analysis of Host Factors Influencing Vaccinia virus Replication by RNA Interference. <i>PLoS ONE</i> , 2014, 9, e98431.	2.5	34
15	BioGRID REST Service, BiogridPlugin2 and BioGRID WebGraph: new tools for access to interaction data at BioGRID. <i>Bioinformatics</i> , 2011, 27, 1043-1044.	4.1	26
16	Characterizing the roles of Met31 and Met32 in coordinating Met4-activated transcription in the absence of Met30. <i>Molecular Biology of the Cell</i> , 2012, 23, 1928-1942.	2.1	25
17	A role for intracellular calcium downstream of G-protein signaling in undifferentiated human embryonic stem cell culture. <i>Stem Cell Research</i> , 2012, 9, 171-184.	0.7	22
18	Reconstructing gene regulatory networks: from random to scale-free connectivity. <i>IET Systems Biology</i> , 2006, 153, 247.	2.0	20

#	ARTICLE	IF	CITATIONS
19	onlineFDR: an R package to control the false discovery rate for growing data repositories. <i>Bioinformatics</i> , 2019, 35, 4196-4199.	4.1	18
20	Systematic chemical-genetic and chemical-chemical interaction datasets for prediction of compound synergism. <i>Scientific Data</i> , 2016, 3, 160095.	5.3	12
21	MolClass: a web portal to interrogate diverse small molecule screen datasets with different computational models. <i>Bioinformatics</i> , 2012, 28, 2200-2201.	4.1	10
22	A Novel Screening Approach for the Dissection of Cellular Regulatory Networks of NF- κ B Using Arrayed CRISPR gRNA Libraries. <i>SLAS Discovery</i> , 2020, 25, 618-633.	2.7	4
23	IA-Lab: A MATLAB framework for efficient microscopy image analysis development, applied to quantifying intracellular transport of internalized peptide-drug conjugate. <i>PLoS ONE</i> , 2019, 14, e0220627.	2.5	0