Ben Sidders

List of Publications by Year
in descending order

24 papers	1,476 citations	430754 18 h-index	610775 24 g-index
27 all docs	27 docs citations	27 times ranked	2302 citing authors

#	Article	IF	Citations
1	Knowledge graph-based recommendation framework identifies drivers of resistance in EGFR mutant non-small cell lung cancer. Nature Communications, 2022, 13, 1667.	5.8	33
2	Identification of Intrinsic Drug Resistance and Its Biomarkers in High-Throughput Pharmacogenomic and CRISPR Screens. Patterns, 2020, 1, 100065.	3.1	6
3	Adenosine Signaling Is Prognostic for Cancer Outcome and Has Predictive Utility for Immunotherapeutic Response. Clinical Cancer Research, 2020, 26, 2176-2187.	3.2	54
4	Drug mechanismâ€ofâ€action discovery through the integration of pharmacological and <scp>CRISPR</scp> screens. Molecular Systems Biology, 2020, 16, e9405.	3.2	63
5	Molecular profiling of aged neural progenitors identifies Dbx2 as a candidate regulator of ageâ€associated neurogenic decline. Aging Cell, 2018, 17, e12745.	3.0	46
6	Network-Based Drug Discovery: Coupling Network Pharmacology with Phenotypic Screening for Neuronal Excitability. Journal of Molecular Biology, 2018, 430, 3005-3015.	2.0	41
7	Interpreting transcriptional changes using causal graphs: new methods and their practical utility on public networks. BMC Bioinformatics, 2016, 17, 318.	1.2	28
8	A FOXM1 Dependent Mesenchymal-Epithelial Transition in Retinal Pigment Epithelium Cells. PLoS ONE, 2015, 10, e0130379.	1.1	14
9	The pain interactome: Connecting pain-specific protein interactions. Pain, 2014, 155, 2243-2252.	2.0	65
10	Precompetitive activity to address the biological data needs of drug discovery. Nature Reviews Drug Discovery, 2014, 13, 83-84.	21.5	14
11	HDAC inhibitors attenuate the development of hypersensitivity in models of neuropathic pain. Pain, 2013, 154, 1668-1679.	2.0	135
12	Molecular causes of transcriptional response: a Bayesian prior knowledge approach. Bioinformatics, 2013, 29, 3167-3173.	1.8	15
13	Cataloging the biomedical world of pain through semi-automated curation of molecular interactions. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat033.	1.4	14
14	Causal reasoning on biological networks: interpreting transcriptional changes. Bioinformatics, 2012, 28, 1114-1121.	1.8	126
15	An Integrated Transcriptomic and Meta-Analysis of Hepatoma Cells Reveals Factors That Influence Susceptibility to HCV Infection. PLoS ONE, 2011, 6, e25584.	1.1	18
16	Selection, Optimization, and Pharmacokinetic Properties of a Novel, Potent Antiviral Locked Nucleic Acid-Based Antisense Oligomer Targeting Hepatitis C Virus Internal Ribosome Entry Site. Antimicrobial Agents and Chemotherapy, 2011, 55, 3105-3114.	1.4	48
17	Mycobacterium tuberculosis strains disrupted in mce3 and mce4 operons are attenuated in mice. Journal of Medical Microbiology, 2008, 57, 164-170.	0.7	98
18	Screening of Highly Expressed Mycobacterial Genes Identifies Rv3615c as a Useful Differential Diagnostic Antigen for theMycobacterium tuberculosisComplex. Infection and Immunity, 2008, 76, 3932-3939.	1.0	95

#	Article	IF	Citations
19	Quantification of global transcription patterns in prokaryotes using spotted microarrays. Genome Biology, 2007, 8, R265.	13.9	34
20	Enhanced mortality despite control of lung infection in mice aerogenically infected with a Mycobacterium tuberculosis mce1 operon mutant. Microbes and Infection, 2007, 9, 1285-1290.	1.0	26
21	A highly conserved transcriptional repressor controls a large regulon involved in lipid degradation in Mycobacterium smegmatis and Mycobacterium tuberculosis. Molecular Microbiology, 2007, 65, 684-699.	1.2	190
22	Transcriptome Analysis: Towards a Comprehensive Understanding of Global Transcription Activity. , 2006, , 21-41.		1
23	5'-Adenosinephosphosulphate reductase (CysH) protects Mycobacterium tuberculosis against free radicals during chronic infection phase in mice. Molecular Microbiology, 2006, 59, 1744-1753.	1.2	102
24	Hypervirulent mutant of Mycobacterium tuberculosis resulting from disruption of the mce1 operon. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15918-15923.	3.3	205