

Ben Sidders

List of Publications by Year in descending order

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Version: 2024-02-01

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	Hypervirulent mutant of <i>Mycobacterium tuberculosis</i> resulting from disruption of the <i>mce1</i> operon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15918-15923.	3.3	205
2	A highly conserved transcriptional repressor controls a large regulon involved in lipid degradation in <i>Mycobacterium smegmatis</i> and <i>Mycobacterium tuberculosis</i> . <i>Molecular Microbiology</i> , 2007, 65, 684-699.	1.2	190
3	HDAC inhibitors attenuate the development of hypersensitivity in models of neuropathic pain. <i>Pain</i> , 2013, 154, 1668-1679.	2.0	135
4	Causal reasoning on biological networks: interpreting transcriptional changes. <i>Bioinformatics</i> , 2012, 28, 1114-1121.	1.8	126
5	5'-Adenosinephosphosulphate reductase (CysH) protects <i>Mycobacterium tuberculosis</i> against free radicals during chronic infection phase in mice. <i>Molecular Microbiology</i> , 2006, 59, 1744-1753.	1.2	102
6	<i>Mycobacterium tuberculosis</i> strains disrupted in <i>mce3</i> and <i>mce4</i> operons are attenuated in mice. <i>Journal of Medical Microbiology</i> , 2008, 57, 164-170.	0.7	98
7	Screening of Highly Expressed Mycobacterial Genes Identifies Rv3615c as a Useful Differential Diagnostic Antigen for the <i>Mycobacterium tuberculosis</i> Complex. <i>Infection and Immunity</i> , 2008, 76, 3932-3939.	1.0	95
8	The pain interactome: Connecting pain-specific protein interactions. <i>Pain</i> , 2014, 155, 2243-2252.	2.0	65
9	Drug mechanism-action discovery through the integration of pharmacological and CRISPR screens. <i>Molecular Systems Biology</i> , 2020, 16, e9405.	3.2	63
10	Adenosine Signaling Is Prognostic for Cancer Outcome and Has Predictive Utility for Immunotherapeutic Response. <i>Clinical Cancer Research</i> , 2020, 26, 2176-2187.	3.2	54
11	Selection, Optimization, and Pharmacokinetic Properties of a Novel, Potent Antiviral Locked Nucleic Acid-Based Antisense Oligomer Targeting Hepatitis C Virus Internal Ribosome Entry Site. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3105-3114.	1.4	48
12	Molecular profiling of aged neural progenitors identifies <i>Dbx2</i> as a candidate regulator of age-associated neurogenic decline. <i>Aging Cell</i> , 2018, 17, e12745.	3.0	46
13	Network-Based Drug Discovery: Coupling Network Pharmacology with Phenotypic Screening for Neuronal Excitability. <i>Journal of Molecular Biology</i> , 2018, 430, 3005-3015.	2.0	41
14	Quantification of global transcription patterns in prokaryotes using spotted microarrays. <i>Genome Biology</i> , 2007, 8, R265.	13.9	34
15	Knowledge graph-based recommendation framework identifies drivers of resistance in EGFR mutant non-small cell lung cancer. <i>Nature Communications</i> , 2022, 13, 1667.	5.8	33
16	Interpreting transcriptional changes using causal graphs: new methods and their practical utility on public networks. <i>BMC Bioinformatics</i> , 2016, 17, 318.	1.2	28
17	Enhanced mortality despite control of lung infection in mice aerogenically infected with a <i>Mycobacterium tuberculosis mce1</i> operon mutant. <i>Microbes and Infection</i> , 2007, 9, 1285-1290.	1.0	26
18	An Integrated Transcriptomic and Meta-Analysis of Hepatoma Cells Reveals Factors That Influence Susceptibility to HCV Infection. <i>PLoS ONE</i> , 2011, 6, e25584.	1.1	18

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19	Molecular causes of transcriptional response: a Bayesian prior knowledge approach. <i>Bioinformatics</i> , 2013, 29, 3167-3173.	1.8	15
20	Cataloging the biomedical world of pain through semi-automated curation of molecular interactions. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat033.	1.4	14
21	Precompetitive activity to address the biological data needs of drug discovery. <i>Nature Reviews Drug Discovery</i> , 2014, 13, 83-84.	21.5	14
22	A FOXM1 Dependent Mesenchymal-Epithelial Transition in Retinal Pigment Epithelium Cells. <i>PLoS ONE</i> , 2015, 10, e0130379.	1.1	14
23	Identification of Intrinsic Drug Resistance and Its Biomarkers in High-Throughput Pharmacogenomic and CRISPR Screens. <i>Patterns</i> , 2020, 1, 100065.	3.1	6
24	Transcriptome Analysis: Towards a Comprehensive Understanding of Global Transcription Activity. , 2006, , 21-41.		1