

Jan Ewald

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6900400/publications.pdf>

Version: 2024-02-01

12
papers

580
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass spectrometry-based metabolomics: a guide for annotation, quantification and best reporting practices. <i>Nature Methods</i> , 2021, 18, 747-756.	19.0	403
2	Differential transcriptional responses to Ebola and Marburg virus infection in bat and human cells. <i>Scientific Reports</i> , 2016, 6, 34589.	3.3	47
3	Trends in mathematical modeling of host-pathogen interactions. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 467-480.	5.4	32
4	Modelling the host-pathogen interactions of macrophages and <i>Candida albicans</i> using Game Theory and dynamic optimization. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170095.	3.4	16
5	Optimality principles reveal a complex interplay of intermediate toxicity and kinetic efficiency in the regulation of prokaryotic metabolism. <i>PLoS Computational Biology</i> , 2017, 13, e1005371.	3.2	15
6	Modeling the energy metabolism in immune cells. <i>Current Opinion in Biotechnology</i> , 2021, 68, 282-291.	6.6	15
7	Optimal programs of pathway control: dissecting the influence of pathway topology and feedback inhibition on pathway regulation. <i>BMC Bioinformatics</i> , 2015, 16, 163.	2.6	13
8	Deciphering the regulation of metabolism with dynamic optimization: an overview of recent advances. <i>Biochemical Society Transactions</i> , 2017, 45, 1035-1043.	3.4	12
9	Modelling population dynamics in a unicellular social organism community using a minimal model and evolutionary game theory. <i>Open Biology</i> , 2020, 10, 200206.	3.6	11
10	Dynamic optimization reveals alveolar epithelial cells as key mediators of host defense in invasive aspergillosis. <i>PLoS Computational Biology</i> , 2021, 17, e1009645.	3.2	7
11	Footprints of Optimal Protein Assembly Strategies in the Operonic Structure of Prokaryotes. <i>Metabolites</i> , 2015, 5, 252-269.	2.9	6
12	Agent-based modelling of iron cycling bacteria provides a framework for testing alternative environmental conditions and modes of action. <i>Royal Society Open Science</i> , 2022, 9, .	2.4	2