

Vincent Noel

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

354
citations

1040056

9
h-index

940533

16
g-index

25
all docs

25
docs citations

25
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of dynamical biochemical reactions networks in computational biology. <i>Frontiers in Genetics</i> , 2012, 3, 131.	2.3	78
2	COVID19 Disease Map, a computational knowledge repository of virus-host interaction mechanisms. <i>Molecular Systems Biology</i> , 2021, 17, e10387.	7.2	53
3	Personalized logical models to investigate cancer response to BRAF treatments in melanomas and colorectal cancers. <i>PLoS Computational Biology</i> , 2021, 17, e1007900.	3.2	30
4	Tropical Geometries and Dynamics of Biochemical Networks Application to Hybrid Cell Cycle Models. <i>Electronic Notes in Theoretical Computer Science</i> , 2012, 284, 75-91.	0.9	28
5	Setting the basis of best practices and standards for curation and annotation of logical models in biology—highlights of the [BC]2 2019 CoLoMoTo/SysMod Workshop. <i>Briefings in Bioinformatics</i> , 2021, 22, 1848-1859.	6.5	25
6	Glyceraldehyde 3-Phosphate Dehydrogenase-Telomere Association Correlates with Redox Status in <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2015, 10, e0120896.	2.5	20
7	Fibroblast Growth Factor 2 lethally sensitizes cancer cells to stress-targeted therapeutic inhibitors. <i>Molecular Oncology</i> , 2019, 13, 290-306.	4.6	18
8	Dynamical Boolean Modeling of Immunogenic Cell Death. <i>Frontiers in Physiology</i> , 2020, 11, 590479.	2.8	13
9	Synthesis and Simulation of Ensembles of Boolean Networks for Cell Fate Decision. <i>Lecture Notes in Computer Science</i> , 2020, , 193-209.	1.3	12
10	Addressing barriers in comprehensiveness, accessibility, reusability, interoperability and reproducibility of computational models in systems biology. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	10
11	UPMaBoSS: A Novel Framework for Dynamic Cell Population Modeling. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 800152.	3.5	6
12	Algorithm for Identification of Piecewise Smooth Hybrid Systems: Application to Eukaryotic Cell Cycle Regulation. <i>Lecture Notes in Computer Science</i> , 2011, , 225-236.	1.3	5
13	A hybrid mammalian cell cycle model. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> , 0, 125, 68-83.	0.8	3
14	Hybrid models of the cell cycle molecular machinery. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> , 0, 92, 88-105.	0.8	3
15	WebMaBoSS: A Web Interface for Simulating Boolean Models Stochastically. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 754444.	3.5	3
16	An Interdisciplinary Approach for Designing Kinetic Models of the Ras/MAPK Signaling Pathway. <i>Methods in Molecular Biology</i> , 2017, 1636, 455-474.	0.9	2
17	Exact solving and sensitivity analysis of stochastic continuous time Boolean models. <i>BMC Bioinformatics</i> , 2020, 21, 241.	2.6	1