

Alex Gavryushkin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/622030/publications.pdf>

Version: 2024-02-01

24
papers

701
citations

1163117

8
h-index

752698

20
g-index

38
all docs

38
docs citations

38
times ranked

974
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustained software development, not number of citations or journal choice, is indicative of accurate bioinformatic software. <i>Genome Biology</i> , 2022, 23, 56.	8.8	8
2	Tuberous sclerosis complex: a complex case.. <i>Cold Spring Harbor Molecular Case Studies</i> , 2022, 8, .	1.0	1
3	Accounting for Errors in Data Improves Divergence Time Estimates in Single-cell Cancer Evolution. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	5
4	Learning epistatic gene interactions from perturbation screens. <i>PLoS ONE</i> , 2021, 16, e0254491.	2.5	5
5	Computing nearest neighbour interchange distances between ranked phylogenetic trees. <i>Journal of Mathematical Biology</i> , 2021, 82, 8.	1.9	11
6	Discrete coalescent trees. <i>Journal of Mathematical Biology</i> , 2021, 83, 60.	1.9	4
7	The combinatorics of discrete time-trees: theory and open problems. <i>Journal of Mathematical Biology</i> , 2018, 76, 1101-1121.	1.9	14
8	Microbiome interactions shape host fitness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11951-E11960.	7.1	426
9	The geometry of partial fitness orders and an efficient method for detecting genetic interactions. <i>Journal of Mathematical Biology</i> , 2018, 77, 951-970.	1.9	8
10	Tiling algebra for constraint-based layout editing. <i>Journal of Logical and Algebraic Methods in Programming</i> , 2017, 89, 67-94.	0.5	4
11	Inferring genetic interactions from comparative fitness data. <i>ELife</i> , 2017, 6, .	6.0	32
12	Dynamic Algorithms for Multimachine Interval Scheduling Through Analysis of Idle Intervals. <i>Algorithmica</i> , 2016, 76, 1160-1180.	1.3	2
13	Reducibilities among equivalence relations induced by recursively enumerable structures. <i>Theoretical Computer Science</i> , 2016, 612, 137-152.	0.9	20
14	Toward Analysis of Structural Changes Common for Alkaline Carbonates and Binary Compounds: Prediction of High-Pressure Structures of Li_2CO_3 , Na_2CO_3 , and K_2CO_3 . <i>Crystal Growth and Design</i> , 2016, 16, 5612-5617.	3.0	15
15	Stability of B2-type FeS at Earth's inner core pressures. <i>Geophysical Research Letters</i> , 2016, 43, 8435-8440.	4.0	10
16	The space of ultrametric phylogenetic trees. <i>Journal of Theoretical Biology</i> , 2016, 403, 197-208.	1.7	32
17	THE SPACE OF SAMPLED ANCESTOR TREES. , 2016, , .		0
18	Decidable models of small theories. <i>Lobachevskii Journal of Mathematics</i> , 2015, 36, 446-449.	0.9	0

#	ARTICLE	IF	CITATIONS
19	How well can the exponential-growth coalescent approximate constant-rate birth–death population dynamics?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150420.	2.6	29
20	Unbiased crystal structure prediction of NiSi under high pressure. <i>Journal of Applied Crystallography</i> , 2015, 48, 906-908.	4.5	3
21	Universality for left-computably enumerable metric spaces. <i>Lobachevskii Journal of Mathematics</i> , 2014, 35, 292-294.	0.9	1
22	Graphs realised by r.e. equivalence relations. <i>Annals of Pure and Applied Logic</i> , 2014, 165, 1263-1290.	0.5	18
23	Spectra of computable models for Ehrenfeucht theories. <i>Algebra and Logic</i> , 2007, 46, 149-157.	0.3	4
24	Microbiome interactions shape host fitness. , 0, , .		1