Ran Libeskind-Hadas

List of Publications by Year
in descending order

29 papers	1,299 citations	840776 11 h-index	552781 26 g-index
32 all docs	32 docs citations	32 times ranked	1597 citing authors

#	Article	IF	Citations
1	A Polynomial-Time Algorithm for Minimizing the Deep Coalescence Cost for Level-1 Species Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 2642-2653.	3.0	5
2	Tree Reconciliation Methods for Host-Symbiont Cophylogenetic Analyses. Life, 2022, 12, 443.	2.4	3
3	Multiple Optimal Reconciliations Under the Duplication-Loss-Coalescence Model. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2144-2156.	3.0	11
4	Maximum parsimony reconciliation in the DTLOR model. BMC Bioinformatics, 2021, 22, 394.	2.6	2
5	eMPRess: a systematic cophylogeny reconciliation tool. Bioinformatics, 2021, 37, 2481-2482.	4.1	53
6	Computing the Diameter of the Space of Maximum Parsimony Reconciliations in the Duplication-Transfer-Loss Model. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 14-22.	3.0	9
7	Hierarchical clustering of maximum parsimony reconciliations. BMC Bioinformatics, 2019, 20, 612.	2.6	13
8	Reconciliation Reconsidered: In Search of a Most Representative Reconciliation in the Duplication-Transfer-Loss Model. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 18, 1-1.	3.0	5
9	An efficient exact algorithm for computing all pairwise distances between reconciliations in the duplication-transfer-loss model. BMC Bioinformatics, 2019, 20, 636.	2.6	8
10	Inferring Pareto-optimal reconciliations across multiple event costs under the duplication-loss-coalescence model. BMC Bioinformatics, 2019, 20, 639.	2.6	7
11	On the computational complexity of the maximum parsimony reconciliation problem in the duplication-loss-coalescence model. Algorithms for Molecular Biology, 2017, 12, 6.	1.2	7
12	DTL reconciliation repair. BMC Bioinformatics, 2017, 18, 76.	2.6	7
13	Invasive Asian Fusarium â€“ Euwallacea ambrosia beetle mutualists pose a serious threat to forests, urban landscapes and the avocado industry. Phytoparasitica, 2016, 44, 435-442.	1.2	52
14	Discordant phylogenies suggest repeated host shifts in the Fusariumâ€"Euwallacea ambrosia beetle mutualism. Fungal Genetics and Biology, 2015, 82, 277-290.	2.1	121
15	Pareto-optimal phylogenetic tree reconciliation. Bioinformatics, 2014, 30, i87-i95.	4.1	59
16	Event-Based Cophylogenetic Comparative Analysis. , 2014, , 465-480.		13
17	A first course in computing with applications to biology. Briefings in Bioinformatics, 2013, 14, 610-617.	6.5	23
18	An Extreme Case of Plantâ€"Insect Codiversification: Figs and Fig-Pollinating Wasps. Systematic Biology, 2012, 61, 1029-1047.	5.6	319

#	Article	IF	Citations
19	Increasing women's participation in computing at Harvey Mudd College. ACM Inroads, 2012, 3, 55-64.	0.6	105
20	Jane: a new tool for the cophylogeny reconstruction problem. Algorithms for Molecular Biology, 2010, 5, 16.	1.2	335
21	On the Computational Complexity of the Reticulate Cophylogeny Reconstruction Problem. Journal of Computational Biology, 2009, 16, 105-117.	1.6	57
22	Competitive Analysis of Online Traffic Grooming in WDM Rings. IEEE/ACM Transactions on Networking, 2008, 16, 984-997.	3.8	3
23	Evaluating a breadth-first cs 1 for scientists. SIGCSE Bulletin, 2008, 40, 266-270.	0.1	9
24	The Computational Complexity of Motion Planning. SIAM Review, 2003, 45, 543-557.	9.5	9
25	On edge-disjoint spanning trees in hypercubes. Information Processing Letters, 1999, 70, 13-16.	0.6	30
26	Sorting in Parallel. American Mathematical Monthly, 1998, 105, 238-245.	0.3	0
27	Sorting in Parallel. American Mathematical Monthly, 1998, 105, 238.	0.3	0
28	Origin-based fault-tolerant routing in the mesh. Future Generation Computer Systems, 1995, 11, 603-615.	7.5	27
29	Approximation Algorithms: Good Solutions to Hard Problems. American Mathematical Monthly, 1995, 102, 57.	0.3	0