

Vincent Miele

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,232
citations

516710

16
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

2116
citing authors

#	ARTICLE	IF	CITATIONS
1	An appraisal of graph embeddings for comparing trophic network architectures. <i>Methods in Ecology and Evolution</i> , 2022, 13, 203-216.	5.2	5
2	Revisiting animal photo-identification using deep metric learning and network analysis. <i>Methods in Ecology and Evolution</i> , 2021, 12, 863-873.	5.2	14
3	Core-periphery dynamics in a plant-pollinator network. <i>Journal of Animal Ecology</i> , 2020, 89, 1670-1677.	2.8	36
4	Non-trophic interactions strengthen the diversity-functioning relationship in an ecological bioenergetic network model. <i>PLoS Computational Biology</i> , 2019, 15, e1007269.	3.2	19
5	Diversity indices for ecological networks: a unifying framework using Hill numbers. <i>Ecology Letters</i> , 2019, 22, 737-747.	6.4	49
6	Global survey of mobile DNA horizontal transfer in arthropods reveals Lepidoptera as a prime hotspot. <i>PLoS Genetics</i> , 2019, 15, e1007965.	3.5	41
7	Nine quick tips for analyzing network data. <i>PLoS Computational Biology</i> , 2019, 15, e1007434.	3.2	23
8	Playing hide and seek with repeats in local and global de novo transcriptome assembly of short RNA-seq reads. <i>Algorithms for Molecular Biology</i> , 2017, 12, 2.	1.2	18
9	Revealing the hidden structure of dynamic ecological networks. <i>Royal Society Open Science</i> , 2017, 4, 170251.	2.4	16
10	Statistical Clustering of Temporal Networks Through a Dynamic Stochastic Block Model. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2017, 79, 1119-1141.	2.2	175
11	Ecological networks to unravel the routes to horizontal transposon transfers. <i>PLoS Biology</i> , 2017, 15, e2001536.	5.6	39
12	How Structured Is the Entangled Bank? The Surprisingly Simple Organization of Multiplex Ecological Networks Leads to Increased Persistence and Resilience. <i>PLoS Biology</i> , 2016, 14, e1002527.	5.6	154
13	Fruiting Strategies of Perennial Plants: A Resource Budget Model to Couple Mast Seeding to Pollination Efficiency and Resource Allocation Strategies. <i>American Naturalist</i> , 2016, 188, 66-75.	2.1	26
14	Colibri™read on galaxy: a tools suite dedicated to biological information extraction from raw NGS reads. <i>GigaScience</i> , 2016, 5, 9.	6.4	2
15	DNA Physical Properties and Nucleosome Positions Are Major Determinants of HIV-1 Integrase Selectivity. <i>PLoS ONE</i> , 2015, 10, e0129427.	2.5	21
16	Spatially constrained clustering of ecological networks. <i>Methods in Ecology and Evolution</i> , 2014, 5, 771-779.	5.2	20
17	Navigating in a Sea of Repeats in RNA-seq without Drowning. <i>Lecture Notes in Computer Science</i> , 2014, , 82-96.	1.3	2
18	Fast and Parallel Algorithm for Population-Based Segmentation of Copy-Number Profiles. <i>Lecture Notes in Computer Science</i> , 2014, , 248-258.	1.3	0

#	ARTICLE	IF	CITATIONS
19	High-quality sequence clustering guided by network topology and multiple alignment likelihood. <i>Bioinformatics</i> , 2012, 28, 1078-1085.	4.1	39
20	Ultra-fast sequence clustering from similarity networks with SiLiX. <i>BMC Bioinformatics</i> , 2011, 12, 116.	2.6	271
21	Strategies for online inference of model-based clustering in large and growing networks. <i>Annals of Applied Statistics</i> , 2010, 4, .	1.1	19
22	Deciphering the connectivity structure of biological networks using MixNet. <i>BMC Bioinformatics</i> , 2009, 10, S17.	2.6	26
23	Fast online graph clustering via Erdős-Rényi mixture. <i>Pattern Recognition</i> , 2008, 41, 3592-3599.	8.1	74
24	DNA physical properties determine nucleosome occupancy from yeast to fly. <i>Nucleic Acids Research</i> , 2008, 36, 3746-3756.	14.5	125
25	A Reversible Jump Markov Chain Monte Carlo Algorithm for Bacterial Promoter Motifs Discovery. <i>Journal of Computational Biology</i> , 2006, 13, 651-667.	1.6	4
26	seq++: analyzing biological sequences with a range of Markov-related models. <i>Bioinformatics</i> , 2005, 21, 2783-2784.	4.1	6