Marinka Zitnik

List of Publications by Year
in descending order

16 papers	2,264 citations	759233 12 h-index	1058476 14 g-index
18 all docs	18 docs citations	18 times ranked	2441 citing authors

#	Article	IF	Citations
1	Sparse dictionary learning recovers pleiotropy from human cell fitness screens. Cell Systems, 2022, 13, 286-303.e10.	6.2	18
2	Leveraging the Cell Ontology to classify unseen cell types. Nature Communications, 2021, 12, 5556.	12.8	21
3	Population-scale identification of differential adverse events before and during a pandemic. Nature Computational Science, 2021, 1, 666-677.	8.0	4
4	Co-evolution based machine-learning for predicting functional interactions between human genes. Nature Communications, 2021, 12, 6454.	12.8	12
5	To Embed or Not: Network Embedding as a Paradigm in Computational Biology. Frontiers in Genetics, 2019, 10, 381.	2.3	123
6	Evolution of resilience in protein interactomes across the tree of life. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4426-4433.	7.1	75
7	Cross-type biomedical named entity recognition with deep multi-task learning. Bioinformatics, 2019, 35, 1745-1752.	4.1	182
8	Machine learning for integrating data in biology and medicine: Principles, practice, and opportunities. Information Fusion, 2019, 50, 71-91.	19.1	340
9	GNNExplainer: Generating Explanations for Graph Neural Networks. Advances in Neural Information Processing Systems, 2019, 32, 9240-9251.	2.8	53
10	Modeling polypharmacy side effects with graph convolutional networks. Bioinformatics, 2018, 34, i457-i466.	4.1	741
11	Prioritizing network communities. Nature Communications, 2018, 9, 2544.	12.8	37
12	Large-scale analysis of disease pathways in the human interactome. , 2018, , .		40
13	Learning Structural Node Embeddings via Diffusion Wavelets. , 2018, , .		200
14	Network enhancement as a general method to denoise weighted biological networks. Nature Communications, 2018, 9, 3108.	12.8	82
15	Predicting multicellular function through multi-layer tissue networks. Bioinformatics, 2017, 33, i190-i198.	4.1	304
16	Jumping across biomedical contexts using compressive data fusion. Bioinformatics, 2016, 32, i90-i100.	4.1	24