Kamal Berahmand

List of Publications by Year
in descending order

27 papers	1,647 citations	257101 24 h-index	525886 27 g-index
30 all docs	30 docs citations	30 times ranked	559 citing authors

#	Article	IF	Citations
1	Review of swarm intelligence-based feature selection methods. Engineering Applications of Artificial Intelligence, 2021, 100, 104210.	4.3	244
2	Integration of multi-objective PSO based feature selection and node centrality for medical datasets. Genomics, 2020, 112, 4370-4384.	1.3	119
3	Community Detection in Complex Networks by Detecting and Expanding Core Nodes Through Extended Local Similarity of Nodes. IEEE Transactions on Computational Social Systems, 2018, 5, 1021-1033.	3.2	91
4	A novel community detection based genetic algorithm for feature selection. Journal of Big Data, 2021, 8, .	6.9	85
5	A novel link prediction algorithm for protein-protein interaction networks by attributed graph embedding. Computers in Biology and Medicine, 2021, 137, 104772.	3.9	78
6	Spectral clustering on protein-protein interaction networks via constructing affinity matrix using attributed graph embedding. Computers in Biology and Medicine, 2021, 138, 104933.	3.9	73
7	A new centrality measure based on the negative and positive effects of clustering coefficient for identifying influential spreaders in complex networks. Chaos, Solitons and Fractals, 2018, 110, 41-54.	2.5	70
8	A modified DeepWalk method for link prediction in attributed social network. Computing (Vienna/New) Tj ETQq0 0.0 rgBT /Overlock 10	3.2	66
9	Gene selection for microarray data classification via multi-objective graph theoretic-based method. Artificial Intelligence in Medicine, 2022, 123, 102228.	3.8	65
10	Graph-based relevancy-redundancy gene selection method for cancer diagnosis. Computers in Biology and Medicine, 2022, 147, 105766.	3.9	61
11	A new link prediction in multiplex networks using topologically biased random walks. Chaos, Solitons and Fractals, 2021, 151, 111230.	2.5	55
12	A new local and multidimensional ranking measure to detect spreaders in social networks. Computing (Vienna/New York), 2019, 101, 1711-1733.	3.2	52
13	Presentation of a recommender system with ensemble learning and graph embedding: a case on MovieLens. Multimedia Tools and Applications, 2021, 80, 7805-7832.	2.6	50
14	Robust graph regularization nonnegative matrix factorization for link prediction in attributed networks. Multimedia Tools and Applications, 2023, 82, 3745-3768.	2.6	49
15	A novel method of spectral clustering in attributed networks by constructing parameter-free affinity matrix. Cluster Computing, 2022, 25, 869-888.	3.5	47
16	Decoding clinical biomarker space of COVID-19: Exploring matrix factorization-based feature selection methods. Computers in Biology and Medicine, 2022, 146, 105426.	3.9	45
17	LP-LPA: A link influence-based label propagation algorithm for discovering community structures in networks. International Journal of Modern Physics B, 2018, 32, 1850062.	1.0	43
18	Presentation a Trust Walker for rating prediction in recommender system with Biased Random Walk: Effects of H-index centrality, similarity in items and friends. Engineering Applications of Artificial Intelligence, 2021, 104, 104325.	4.3	43

#	Article	IF	Citations
19	A novel method of constrained feature selection by the measurement of pairwise constraints uncertainty. Journal of Big Data, 2020, 7, .	6.9	40
20	Effect of rich-club on diffusion in complex networks. International Journal of Modern Physics B, 2018, 32, 1850142.	1.0	34
21	A Link-Based Similarity for Improving Community Detection Based on Label Propagation Algorithm. Journal of Systems Science and Complexity, 2019, 32, 737-758.	1.6	34
22	A Hotel Recommender System for Tourists Using the Artificial Bee Colony Algorithm and Fuzzy TOPSIS Model: A Case Study of TripAdvisor. International Journal of Information Technology and Decision Making, 2021, 20, 399-429.	2.3	34
23	Impact of Centrality Measures on the Common Neighbors in Link Prediction for Multiplex Networks. Big Data, 2022, 10, 138-150.	2.1	34
24	A preference random walk algorithm for link prediction through mutual influence nodes in complex networks. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 5375-5387.	2.7	33
25	A Hybrid Method for Recommendation Systems based on Tourism with an Evolutionary Algorithm and Topsis Model. Fuzzy Information and Engineering, 2022, 14, 26-50.	1.0	31
26	A new attributed graph clustering by using label propagation in complex networks. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1869-1883.	2.7	28
27	Diagnosis of Alternaria disease and leafminer pest on tomato leaves using image processing techniques. Journal of the Science of Food and Agriculture, 2022, 102, 6907-6920.	1.7	28