Hyunjung Shin

List of Publications by Year in descending order

50 papers	1,197 citations	471509 17 h-index	377865 34 g-index
51 all docs	51 docs citations	51 times ranked	1261 citing authors

#	Article	IF	Citations
1	Fast protein classification with multiple networks. Bioinformatics, 2005, 21, ii59-ii65.	4.1	170
2	Robust predictive model for evaluating breast cancer survivability. Engineering Applications of Artificial Intelligence, 2013, 26, 2194-2205.	8.1	98
3	Synergistic effect of different levels of genomic data for cancer clinical outcome prediction. Journal of Biomedical Informatics, 2012, 45, 1191-1198.	4.3	89
4	Knowledge boosting: a graph-based integration approach with multi-omics data and genomic knowledge for cancer clinical outcome prediction. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 109-120.	4.4	79
5	Neighborhood Propertyâ€"Based Pattern Selection for Support Vector Machines. Neural Computation, 2007, 19, 816-855.	2.2	77
6	Breast cancer survivability prediction using labeled, unlabeled, and pseudo-labeled patient data. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 613-618.	4.4	71
7	Response modeling with support vector machines. Expert Systems With Applications, 2006, 30, 746-760.	7.6	65
8	Prediction of movement direction in crude oil prices based on semi-supervised learning. Decision Support Systems, 2013, 55, 348-358.	5.9	58
9	Graph sharpening plus graph integration: a synergy that improves protein functional classification. Bioinformatics, 2007, 23, 3217-3224.	4.1	57
10	A scoring model to detect abusive billing patterns in health insurance claims. Expert Systems With Applications, 2012, 39, 7441-7450.	7.6	50
11	Stock price prediction based on a complex interrelation network of economic factors. Engineering Applications of Artificial Intelligence, 2013, 26, 1550-1561.	8.1	32
12	Incorporating inter-relationships between different levels of genomic data into cancer clinical outcome prediction. Methods, 2014, 67, 344-353.	3.8	30
13	Protein functional class prediction with a combined graph. Expert Systems With Applications, 2009, 36, 3284-3292.	7.6	23
14	Semi-Supervised Response Modeling. Journal of Interactive Marketing, 2010, 24, 42-54.	6.2	20
15	Polypharmacy side-effect prediction with enhanced interpretability based on graph feature attention network. Bioinformatics, 2021, 37, 2955-2962.	4.1	19
16	Graph sharpening. Expert Systems With Applications, 2010, 37, 7870-7879.	7.6	18
17	Network mirroring for drug repositioning. BMC Medical Informatics and Decision Making, 2017, 17, 55.	3.0	18
18	Quad-phased data mining modeling for dementia diagnosis. BMC Medical Informatics and Decision Making, 2017, 17, 60.	3.0	17

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19	Disease gene identification based on generic and disease-specific genome networks. Bioinformatics, 2019, 35, 1923-1930.	4.1	16
20	Causality modeling for directed disease network. Bioinformatics, 2016, 32, i437-i444.	4.1	14
21	Disease causality extraction based on lexical semantics and document-clause frequency from biomedical literature. BMC Medical Informatics and Decision Making, 2017, 17, 53.	3.0	14
22	Semi-supervised learning for hierarchically structured networks. Pattern Recognition, 2019, 95, 191-200.	8.1	14
23	Drug repurposing with network reinforcement. BMC Bioinformatics, 2019, 20, 383.	2.6	13
24	Customer sentiment analysis with more sensibility. Engineering Applications of Artificial Intelligence, 2021, 104, 104356.	8.1	13
25	Drug Similarity Search Based on Combined Signatures in Gene Expression Profiles. Healthcare Informatics Research, 2014, 20, 52.	1.9	12
26	Intra-relation reconstruction from inter-relation: miRNA to gene expression. BMC Systems Biology, 2013, 7, S8.	3.0	11
27	Disease Pathway Cut for Multi-Target drugs. BMC Bioinformatics, 2019, 20, 74.	2.6	11
28	A coupling approach of a predictor and a descriptor for breast cancer prognosis. BMC Medical Genomics, 2014, 7, S4.	1.5	10
29	Historical inference based on semi-supervised learning. Expert Systems With Applications, 2018, 106, 121-131.	7.6	8
30	Cost for treatment and followâ€up of thyroid cancer increases according to the severity of disease. Head and Neck, 2019, 41, 2376-2379.	2.0	8
31	Dementia Patient Segmentation Using EMR Data Visualization: A Design Study. International Journal of Environmental Research and Public Health, 2019, 16, 3438.	2.6	7
32	Sharpened graph ensemble for semi-supervised learning. Intelligent Data Analysis, 2013, 17, 387-398.	0.9	6
33	CLASH: Complementary Linkage with Anchoring and Scoring for Heterogeneous biomolecular and clinical data. BMC Medical Informatics and Decision Making, 2016, 16, 72.	3.0	5
34	An inference method from multi-layered structure of biomedical data. BMC Medical Informatics and Decision Making, 2017, 17, 52.	3.0	5
35	Comorbidity Scoring with Causal Disease Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 1627-1634.	3.0	5
36	Inference on chains of disease progression based on disease networks. PLoS ONE, 2019, 14, e0218871.	2.5	5

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37	The translational network for metabolic disease â€“ from protein interaction to disease co-occurrence. BMC Bioinformatics, 2019, 20, 576.	2.6	5
38	New approach of prediction of recurrence in thyroid cancer patients using machine learning. Medicine (United States), 2021, 100, e27493.	1.0	5
39	An optimization approach to resolving circular shareholding in large business groups. Journal of the Operational Research Society, 2015, 66, 1454-1470.	3.4	4
40	Cascade recurring deep networks for audible range prediction. BMC Medical Informatics and Decision Making, 2017, 17, 56.	3.0	3
41	Semi-supervised Learning with Ensemble Learning and Graph Sharpening. Lecture Notes in Computer Science, 2008, , 172-179.	1.3	2
42	A Hybrid Cancer Prognosis System Based on Semi-Supervised Learning and Decision Trees. Lecture Notes in Computer Science, 2013, , 640-648.	1.3	2
43	Dementia key gene identification with multi-layered SNP-gene-disease network. Bioinformatics, 2020, 36, i831-i839.	4.1	2
44	Baseline Clinical and Biomarker Characteristics of Biobank Innovations for Chronic Cerebrovascular Disease With Alzheimerâ€™s Disease Study: BICWALZS. Psychiatry Investigation, 2022, 19, 100-109.	1.6	2
45	Vacuum Leak Detection Method Using Index Regression and Correction for Semiconductor Equipment in a Vacuum Chamber. Applied Sciences (Switzerland), 2021, 11, 11762.	2.5	2
46	Decision tree based segmental duration prediction for Amharic TTS system. , 2009, , .		1
47	Inference on historical factions based on multi-layered network of historical figures. Expert Systems With Applications, 2020, 161, 113703.	7.6	1
48	Intra-relation Reconstruction from Inter-relation: miRNA to Gene Expression. , 2012, , .		0
49	Data-driven dementia diagnosis record visualization system. , 2017, , .		0
50	Stock Price Prediction Based on Hierarchical Structure of Financial Networks. Lecture Notes in Computer Science, 2013, , 456-464.	1.3	0