

# Hyunjung Shin

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Baseline Clinical and Biomarker Characteristics of Biobank Innovations for Chronic Cerebrovascular Disease With Alzheimer's Disease Study: BICWALZS. <i>Psychiatry Investigation</i> , 2022, 19, 100-109.	1.6	2
2	Polypharmacy side-effect prediction with enhanced interpretability based on graph feature attention network. <i>Bioinformatics</i> , 2021, 37, 2955-2962.	4.1	19
3	Customer sentiment analysis with more sensibility. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 104, 104356.	8.1	13
4	New approach of prediction of recurrence in thyroid cancer patients using machine learning. <i>Medicine (United States)</i> , 2021, 100, e27493.	1.0	5
5	Vacuum Leak Detection Method Using Index Regression and Correction for Semiconductor Equipment in a Vacuum Chamber. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11762.	2.5	2
6	Inference on historical factions based on multi-layered network of historical figures. <i>Expert Systems With Applications</i> , 2020, 161, 113703.	7.6	1
7	Dementia key gene identification with multi-layered SNP-gene-disease network. <i>Bioinformatics</i> , 2020, 36, i831-i839.	4.1	2
8	Comorbidity Scoring with Causal Disease Networks. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 1627-1634.	3.0	5
9	Inference on chains of disease progression based on disease networks. <i>PLoS ONE</i> , 2019, 14, e0218871.	2.5	5
10	Drug repurposing with network reinforcement. <i>BMC Bioinformatics</i> , 2019, 20, 383.	2.6	13
11	Dementia Patient Segmentation Using EMR Data Visualization: A Design Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3438.	2.6	7
12	Semi-supervised learning for hierarchically structured networks. <i>Pattern Recognition</i> , 2019, 95, 191-200.	8.1	14
13	Disease Pathway Cut for Multi-Target drugs. <i>BMC Bioinformatics</i> , 2019, 20, 74.	2.6	11
14	Cost for treatment and follow-up of thyroid cancer increases according to the severity of disease. <i>Head and Neck</i> , 2019, 41, 2376-2379.	2.0	8
15	The translational network for metabolic disease " from protein interaction to disease co-occurrence. <i>BMC Bioinformatics</i> , 2019, 20, 576.	2.6	5
16	Disease gene identification based on generic and disease-specific genome networks. <i>Bioinformatics</i> , 2019, 35, 1923-1930.	4.1	16
17	Historical inference based on semi-supervised learning. <i>Expert Systems With Applications</i> , 2018, 106, 121-131.	7.6	8
18	Network mirroring for drug repositioning. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 55.	3.0	18

#	ARTICLE	IF	CITATIONS
19	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
20	An inference method from multi-layered structure of biomedical data. BMC Medical Informatics and Decision Making, 2017, 17, 52.	3.0	5
21	Quad-phased data mining modeling for dementia diagnosis. BMC Medical Informatics and Decision Making, 2017, 17, 60.	3.0	17
22	Cascade recurring deep networks for audible range prediction. BMC Medical Informatics and Decision Making, 2017, 17, 56.	3.0	3
23	Data-driven dementia diagnosis record visualization system. , 2017, , .		0
24	Causality modeling for directed disease network. Bioinformatics, 2016, 32, i437-i444.	4.1	14
25	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
26	An optimization approach to resolving circular shareholding in large business groups. Journal of the Operational Research Society, 2015, 66, 1454-1470.	3.4	4
27	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
28	Drug Similarity Search Based on Combined Signatures in Gene Expression Profiles. Healthcare Informatics Research, 2014, 20, 52.	1.9	12
29	A coupling approach of a predictor and a descriptor for breast cancer prognosis. BMC Medical Genomics, 2014, 7, S4.	1.5	10
30	Incorporating inter-relationships between different levels of genomic data into cancer clinical outcome prediction. Methods, 2014, 67, 344-353.	3.8	30
31	Robust predictive model for evaluating breast cancer survivability. Engineering Applications of Artificial Intelligence, 2013, 26, 2194-2205.	8.1	98
32	Intra-relation reconstruction from inter-relation: miRNA to gene expression. BMC Systems Biology, 2013, 7, S8.	3.0	11
33	Prediction of movement direction in crude oil prices based on semi-supervised learning. Decision Support Systems, 2013, 55, 348-358.	5.9	58
34	Stock price prediction based on a complex interrelation network of economic factors. Engineering Applications of Artificial Intelligence, 2013, 26, 1550-1561.	8.1	32
35	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
36	Sharpened graph ensemble for semi-supervised learning. Intelligent Data Analysis, 2013, 17, 387-398.	0.9	6

#	ARTICLE	IF	CITATIONS
37	Stock Price Prediction Based on Hierarchical Structure of Financial Networks. Lecture Notes in Computer Science, 2013, , 456-464.	1.3	0
38	A Hybrid Cancer Prognosis System Based on Semi-Supervised Learning and Decision Trees. Lecture Notes in Computer Science, 2013, , 640-648.	1.3	2
39	Intra-relation Reconstruction from Inter-relation: miRNA to Gene Expression. , 2012, , .		0
40	Synergistic effect of different levels of genomic data for cancer clinical outcome prediction. Journal of Biomedical Informatics, 2012, 45, 1191-1198.	4.3	89
41	A scoring model to detect abusive billing patterns in health insurance claims. Expert Systems With Applications, 2012, 39, 7441-7450.	7.6	50
42	Graph sharpening. Expert Systems With Applications, 2010, 37, 7870-7879.	7.6	18
43	Semi-Supervised Response Modeling. Journal of Interactive Marketing, 2010, 24, 42-54.	6.2	20
44	Decision tree based segmental duration prediction for Amharic TTS system. , 2009, , .		1
45	Protein functional class prediction with a combined graph. Expert Systems With Applications, 2009, 36, 3284-3292.	7.6	23
46	Semi-supervised Learning with Ensemble Learning and Graph Sharpening. Lecture Notes in Computer Science, 2008, , 172-179.	1.3	2
47	Neighborhood Property-Based Pattern Selection for Support Vector Machines. Neural Computation, 2007, 19, 816-855.	2.2	77
48	Graph sharpening plus graph integration: a synergy that improves protein functional classification. Bioinformatics, 2007, 23, 3217-3224.	4.1	57
49	Response modeling with support vector machines. Expert Systems With Applications, 2006, 30, 746-760.	7.6	65
50	Fast protein classification with multiple networks. Bioinformatics, 2005, 21, ii59-ii65.	4.1	170