

Yong-Yeol Ahn

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

7,989
citations

230014

27
h-index

129628

63
g-index

73
all docs

73
docs citations

73
times ranked

10376
citing authors

#	ARTICLE	IF	CITATIONS
1	New means, new measures: assessing prescription drug-seeking indicators over 10 years of the opioid epidemic. <i>Addiction</i> , 2022, 117, 195-204.	1.7	4
2	Misinformation, believability, and vaccine acceptance over 40 countries: Takeaways from the initial phase of the COVID-19 infodemic. <i>PLoS ONE</i> , 2022, 17, e0263381.	1.1	41
3	Metrics and mechanisms: Measuring the unmeasurable in the science of science. <i>Journal of Informetrics</i> , 2022, 16, 101290.	1.4	13
4	The latent structure of global scientific development. <i>Nature Human Behaviour</i> , 2022, 6, 1206-1217.	6.2	16
5	The effectiveness of backward contact tracing in networks. <i>Nature Physics</i> , 2021, 17, 652-658.	6.5	85
6	On the challenges of predicting microscopic dynamics of online conversations. <i>Applied Network Science</i> , 2021, 6, .	0.8	6
7	Systematic Evaluation of State Policy Interventions Targeting the US Opioid Epidemic, 2007-2018. <i>JAMA Network Open</i> , 2021, 4, e2036687.	2.8	95
8	Prevalence of Misinformation and Factchecks on the COVID-19 Pandemic in 35 Countries: Observational Infodemiology Study. <i>JMIR Human Factors</i> , 2021, 8, e23279.	1.0	21
9	Persona2vec: a flexible multi-role representations learning framework for graphs. <i>PeerJ Computer Science</i> , 2021, 7, e439.	2.7	3
10	Neural embeddings of scholarly periodicals reveal complex disciplinary organizations. <i>Science Advances</i> , 2021, 7, .	4.7	26
11	Principled approach to the selection of the embedding dimension of networks. <i>Nature Communications</i> , 2021, 12, 3772.	5.8	21
12	FrameAxis: characterizing microframe bias and intensity with word embedding. <i>PeerJ Computer Science</i> , 2021, 7, e644.	2.7	20
13	Use of and Comorbidities Associated With Diagnostic Codes for COVID-19 in US Health Insurance Claims. <i>JAMA Network Open</i> , 2021, 4, e2124643.	2.8	2
14	Characterizing partisan political narrative frameworks about COVID-19 on Twitter. <i>EPJ Data Science</i> , 2021, 10, 53.	1.5	12
15	Substitution of Nonpharmacologic Therapy With Opioid Prescribing for Pain During the COVID-19 Pandemic. <i>JAMA Network Open</i> , 2021, 4, e2138453.	2.8	30
16	Co-contributorship network and division of labor in individual scientific collaborations. <i>Journal of the Association for Information Science and Technology</i> , 2020, 71, 1162-1178.	1.5	11
17	Evidence from internet search data shows information-seeking responses to news of local COVID-19 cases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11220-11222.	3.3	219
18	A Systematic Media Frame Analysis of 1.5 Million New York Times Articles from 2000 to 2017. , 2020, , .		5

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19	BiRank: Fast and Flexible Ranking on Bipartite Networks with R and Python. Journal of Open Source Software, 2020, 5, 2315.	2.0	3
20	Global labor flow network reveals the hierarchical organization and dynamics of geo-industrial clusters. Nature Communications, 2019, 10, 3449.	5.8	37
21	Information overload in group communication: from conversation to cacophony in the Twitch chat. Royal Society Open Science, 2019, 6, 191412.	1.1	23
22	Co-prescription network reveals social dynamics of opioid doctor shopping. PLoS ONE, 2019, 14, e0223849.	1.1	12
23	Element-centric clustering comparison unifies overlaps and hierarchy. Scientific Reports, 2019, 9, 8574.	1.6	62
24	Optimal modularity and memory capacity of neural reservoirs. Network Neuroscience, 2019, 3, 551-566.	1.4	34
25	Community-Based Event Detection in Temporal Networks. Scientific Reports, 2019, 9, 4358.	1.6	15
26	Factors affecting sex-related reporting in medical research: a cross-disciplinary bibliometric analysis. Lancet, The, 2019, 393, 550-559.	6.3	195
27	Race and the beauty premium: Mechanical Turk workers's evaluations of Twitter accounts. Information, Communication and Society, 2019, 22, 709-716.	2.6	5
28	CluSim: a python package for calculating clustering similarity. Journal of Open Source Software, 2019, 4, 1264.	2.0	13
29	Scalable Detection of Viral Memes from Diffusion Patterns. Computational Social Sciences, 2018, , 197-211.	0.4	5
30	Spreading in Social Systems: Reflections. Computational Social Sciences, 2018, , 351-358.	0.4	8
31	SemAxis: A Lightweight Framework to Characterize Domain-Specific Word Semantics Beyond Sentiment. , 2018, , .		20
32	Improving land use inference by factorizing mobile phone call activity matrix. Journal of Land Use Science, 2017, 12, 138-153.	1.0	14
33	Inverse Resolution Limit of Partition Density and Detecting Overlapping Communities by Link-Surprise. Scientific Reports, 2017, 7, 12399.	1.6	8
34	The Minor fall, the Major lift: inferring emotional valence of musical chords through lyrics. Royal Society Open Science, 2017, 4, 170952.	1.1	8
35	Social contagions on weighted networks. Physical Review E, 2017, 96, 012306.	0.8	18
36	Data-driven Methods for the Study of Food Perception, Preparation, Consumption, and Culture. Frontiers in ICT, 2017, 4, .	3.6	11

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37	A systematic identification and analysis of scientists on Twitter. PLoS ONE, 2017, 12, e0175368.	1.1	91
38	The Multi-Scale Network Landscape of Collaboration. PLoS ONE, 2016, 11, e0151784.	1.1	6
39	Network Landscape of Western Classical Music. Leonardo, 2016, 49, 448-448.	0.2	2
40	Collective Dynamics of Belief Evolution under Cognitive Coherence and Social Conformity. PLoS ONE, 2016, 11, e0165910.	1.1	33
41	Robustness and modular structure in networks. Network Science, 2015, 3, 509-525.	0.8	18
42	Quantifying socio-economic indicators in developing countries from mobile phone communication data: applications to Côte d'Ivoire. EPJ Data Science, 2015, 4, .	1.5	31
43	Optimizing drug-target interaction prediction based on random walk on heterogeneous networks. Journal of Cheminformatics, 2015, 7, 40.	2.8	54
44	Community detection in bipartite networks using weighted symmetric binary matrix factorization. International Journal of Modern Physics C, 2015, 26, 1550096.	0.8	17
45	Cooperative and Competitive Spreading Dynamics on the Human Connectome. Neuron, 2015, 86, 1518-1529.	3.8	309
46	Community-Enhanced De-anonymization of Online Social Networks. , 2014, , .		80
47	Tie strength distribution in scientific collaboration networks. Physical Review E, 2014, 90, 032804.	0.8	26
48	A network framework of cultural history. Science, 2014, 345, 558-562.	6.0	151
49	Optimal Network Modularity for Information Diffusion. Physical Review Letters, 2014, 113, 088701.	2.9	213
50	Metabolic Network Analysis-Based Identification of Antimicrobial Drug Targets in Category A Bioterrorism Agents. PLoS ONE, 2014, 9, e85195.	1.1	16
51	The Flavor Network. Leonardo, 2013, 46, 272-273.	0.2	15
52	Overlapping community detection in complex networks using symmetric binary matrix factorization. Physical Review E, 2013, 87, 062803.	0.8	79
53	Virality Prediction and Community Structure in Social Networks. Scientific Reports, 2013, 3, 2522.	1.6	416
54	Geography and Similarity of Regional Cuisines in China. PLoS ONE, 2013, 8, e79161.	1.1	60

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55	Delayed information cascades in Flickr: Measurement, analysis, and modeling. <i>Computer Networks</i> , 2012, 56, 1066-1076.	3.2	35
56	Evidence for Network Evolution in an <i>Arabidopsis</i> Interactome Map. <i>Science</i> , 2011, 333, 601-607.	6.0	838
57	Flavor network and the principles of food pairing. <i>Scientific Reports</i> , 2011, 1, 196.	1.6	300
58	Topological Cluster Analysis Reveals the Systemic Organization of the <i>Caenorhabditis elegans</i> Connectome. <i>PLoS Computational Biology</i> , 2011, 7, e1001139.	1.5	61
59	Link communities reveal multiscale complexity in networks. <i>Nature</i> , 2010, 466, 761-764.	13.7	1,534
60	Googling Social Interactions: Web Search Engine Based Social Network Construction. <i>PLoS ONE</i> , 2010, 5, e11233.	1.1	47
61	Analyzing the Video Popularity Characteristics of Large-Scale User Generated Content Systems. <i>IEEE/ACM Transactions on Networking</i> , 2009, 17, 1357-1370.	2.6	437
62	Comparison of online social relations in volume vs interaction. , 2008, , .		125
63	I tube, you tube, everybody tubes. , 2007, , .		1,112
64	Analysis of topological characteristics of huge online social networking services. , 2007, , .		596
65	Wiring cost in the organization of a biological neuronal network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 367, 531-537.	1.2	55
66	Epidemic dynamics of two species of interacting particles on scale-free networks. <i>Physical Review E</i> , 2006, 74, 066113.	0.8	43
67	Underlying Scale-Free Trees in Complex Networks. <i>Progress of Theoretical Physics Supplement</i> , 2005, 157, 213-220.	0.2	3
68	Growing network model for community with group structure. <i>Physical Review E</i> , 2005, 71, 036131.	0.8	34