

MatÃ; Medo

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

3,800
citations

361045

20
h-index

133063

59
g-index

63
all docs

63
docs citations

63
times ranked

2730
citing authors

#	ARTICLE	IF	CITATIONS
1	Bipartite network projection and personal recommendation. <i>Physical Review E</i> , 2007, 76, 046115.	0.8	830
2	Recommender systems. <i>Physics Reports</i> , 2012, 519, 1-49.	10.3	814
3	Solving the apparent diversity-accuracy dilemma of recommender systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4511-4515.	3.3	788
4	Ranking in evolving complex networks. <i>Physics Reports</i> , 2017, 689, 1-54.	10.3	180
5	Temporal Effects in the Growth of Networks. <i>Physical Review Letters</i> , 2011, 107, 238701.	2.9	115
6	Recommendation model based on opinion diffusion. <i>Europhysics Letters</i> , 2007, 80, 68003.	0.7	106
7	Network-based recommendation algorithms: A review. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 452, 192-208.	1.2	75
8	Adaptive model for recommendation of news. <i>Europhysics Letters</i> , 2009, 88, 38005.	0.7	68
9	Identification of milestone papers through time-balanced network centrality. <i>Journal of Informetrics</i> , 2016, 10, 1207-1223.	1.4	59
10	Emergence of Scale-Free Leadership Structure in Social Recommender Systems. <i>PLoS ONE</i> , 2011, 6, e20648.	1.1	55
11	Ranking nodes in growing networks: When PageRank fails. <i>Scientific Reports</i> , 2015, 5, 16181.	1.6	47
12	Prediction in complex systems: The case of the international trade network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 436, 188-199.	1.2	45
13	MET Inhibition Results in DNA Breaks and Synergistically Sensitizes Tumor Cells to DNA-Damaging Agents Potentially by Breaching a Damage-Induced Checkpoint Arrest. <i>Genes and Cancer</i> , 2010, 1, 1053-1062.	0.6	42
14	Information filtering by similarity-preferential diffusion processes. <i>Europhysics Letters</i> , 2014, 105, 58002.	0.7	37
15	Early identification of important patents: Design and validation of citation network metrics. <i>Technological Forecasting and Social Change</i> , 2019, 146, 644-654.	6.2	37
16	Quantifying and suppressing ranking bias in a large citation network. <i>Journal of Informetrics</i> , 2017, 11, 766-782.	1.4	35
17	TREND PREDICTION IN TEMPORAL BIPARTITE NETWORKS: THE CASE OF MOVIELENS, NETFLIX, AND DIGG. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2013, 16, 1350024.	0.9	34
18	DNA-PK in human malignant disorders: Mechanisms and implications for pharmacological interventions. , 2020, 215, 107617.		27

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19	The effect of discrete vs. continuous-valued ratings on reputation and ranking systems. <i>Europhysics Letters</i> , 2010, 91, 48004.	0.7	25
20	Comprehensive Genomic Profiling of Patient-matched Head and Neck Cancer Cells: A Preclinical Pipeline for Metastatic and Recurrent Disease. <i>Molecular Cancer Research</i> , 2018, 16, 1912-1926.	1.5	22
21	Heterogeneity, quality, and reputation in an adaptive recommendation model. <i>European Physical Journal B</i> , 2011, 80, 201-208.	0.6	21
22	Statistical validation of high-dimensional models of growing networks. <i>Physical Review E</i> , 2014, 89, 032801.	0.8	21
23	Unbiased evaluation of ranking metrics reveals consistent performance in science and technology citation data. <i>Journal of Informetrics</i> , 2020, 14, 101005.	1.4	21
24	Network-Driven Reputation in Online Scientific Communities. <i>PLoS ONE</i> , 2014, 9, e112022.	1.1	18
25	Enhancing topology adaptation in information-sharing social networks. <i>Physical Review E</i> , 2012, 85, 046108.	0.8	17
26	The essential role of time in network-based recommendation. <i>Europhysics Letters</i> , 2016, 116, 30007.	0.7	16
27	How to quantify the influence of correlations on investment diversification. <i>International Review of Financial Analysis</i> , 2009, 18, 34-39.	3.1	15
28	Model-based evaluation of scientific impact indicators. <i>Physical Review E</i> , 2016, 94, 032312.	0.8	15
29	Diversification and limited information in the Kelly game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 6151-6158.	1.2	14
30	Analysis of Kelly-optimal portfolios. <i>Quantitative Finance</i> , 2010, 10, 689-697.	0.9	14
31	Modeling mutual feedback between users and recommender systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P07020.	0.9	13
32	Randomizing growing networks with a time-respecting null model. <i>Physical Review E</i> , 2018, 97, 052311.	0.8	13
33	The long-term impact of ranking algorithms in growing networks. <i>Information Sciences</i> , 2019, 488, 257-271.	4.0	12
34	Identification and impact of discoverers in online social systems. <i>Scientific Reports</i> , 2016, 6, 34218.	1.6	11
35	The role of a matchmaker in buyer-vendor interactions. <i>European Physical Journal B</i> , 2009, 71, 565-571.	0.6	10
36	Targeting the MET Receptor Tyrosine Kinase as a Strategy for Radiosensitization in Locoregionally Advanced Head and Neck Squamous Cell Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 614-626.	1.9	10

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37	Contact network models matching the dynamics of the COVID-19 spreading. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 035601.	0.7	10
38	Market model with heterogeneous buyers. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2889-2908.	1.2	9
39	Measuring Quality, Reputation and Trust in Online Communities. Lecture Notes in Computer Science, 2012, , 405-414.	1.0	9
40	Distance-dependent connectivity: Yet another approach to the small-world phenomenon. Physica A: Statistical Mechanics and Its Applications, 2006, 360, 617-628.	1.2	8
41	Emergence of product differentiation from consumer heterogeneity and asymmetric information. European Physical Journal B, 2008, 64, 293-300.	0.6	7
42	ProtRank: bypassing the imputation of missing values in differential expression analysis of proteomic data. BMC Bioinformatics, 2019, 20, 563.	1.2	7
43	Time-invariant degree growth in preferential attachment network models. Physical Review E, 2020, 101, 022309.	0.8	7
44	The fragility of opinion formation in a complex world. Communications Physics, 2021, 4, .	2.0	7
45	Improving PageRank using sports results modeling. Knowledge-Based Systems, 2022, 241, 108168.	4.0	6
46	The effect of the initial network configuration on preferential attachment. European Physical Journal B, 2013, 86, 1.	0.6	5
47	Firm competition in a probabilistic framework of consumer choice. Physica A: Statistical Mechanics and Its Applications, 2014, 400, 47-56.	1.2	5
48	Information filtering based on corrected redundancy-eliminating mass diffusion. PLoS ONE, 2017, 12, e0181402.	1.1	5
49	Link Prediction in Bipartite Nested Networks. Entropy, 2018, 20, 777.	1.1	5
50	Discoverers in scientific citation data. Journal of Informetrics, 2019, 13, 717-725.	1.4	4
51	Network-Based Information Filtering Algorithms: Ranking and Recommendation. Modeling and Simulation in Science, Engineering and Technology, 2013, , 315-334.	0.4	4
52	Heterogeneous network with distance dependent connectivity. European Physical Journal B, 2008, 63, 273-278.	0.6	3
53	Unbiased metrics of friendsâ€™ influence in multi-level networks. EPJ Data Science, 2015, 4, .	1.5	3
54	Optimal timescale for community detection in growing networks. New Journal of Physics, 2019, 21, 093066.	1.2	3

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55	Algorithmic bias amplification via temporal effects: The case of PageRank in evolving networks. Communications in Nonlinear Science and Numerical Simulation, 2022, 104, 106029.	1.7	3
56	Whom to trust in a signed network? Optimal solution and two heuristic rules. Information Sciences, 2022, 606, 742-762.	4.0	3
57	Self-organized model of cascade spreading. European Physical Journal B, 2011, 79, 91-98.	0.6	2
58	Transaction fees and optimal rebalancing in the growth-optimal portfolio. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 1635-1645.	1.2	1
59	THE ROLE OF TASTE AFFINITY IN AGENT-BASED MODELS FOR SOCIAL RECOMMENDATION. International Journal of Modeling, Simulation, and Scientific Computing, 2013, 16, 1350009.	0.9	1
60	Study of market model describing the contrary behaviors of informed and uninformed agents: Being minority and being majority. Physica A: Statistical Mechanics and Its Applications, 2016, 450, 486-496.	1.2	1
61	Spatial firm competition in two dimensions with linear transportation costs: simulations and analytical results. European Physical Journal B, 2016, 89, 1.	0.6	0
62	The simple regularities in the dynamics of online news impact. Journal of Computational Social Science, 0, , 1.	1.4	0