

# Filippo Menczer

## List of Publications by Year in descending order

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Version: 2024-02-01

133  
papers

13,528  
citations

81434

41  
h-index

73587

79  
g-index

136  
all docs

136  
docs citations

136  
times ranked

9109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Political audience diversity and news reliability in algorithmic ranking. Nature Human Behaviour, 2022, 6, 495-505.	6.2	13
2	Online misinformation is linked to early COVID-19 vaccination hesitancy and refusal. Scientific Reports, 2022, 12, 5966.	1.6	94
3	Asymmetrical perceptions of partisan political bots. New Media and Society, 2021, 23, 3016-3037.	3.1	23
4	Social influence and unfollowing accelerate the emergence of echo chambers. Journal of Computational Social Science, 2021, 4, 381-402.	1.4	80
5	On the challenges of predicting microscopic dynamics of online conversations. Applied Network Science, 2021, 6, .	0.8	6
6	Right and left, partisanship predicts (asymmetric) vulnerability to misinformation. , 2021, , .		17
7	Fakey. Proceedings of the ACM on Human-Computer Interaction, 2021, 5, 1-27.	2.5	16
8	Detecting Climate Teleconnections With Granger Causality. Geophysical Research Letters, 2021, 48, e2021GL094707.	1.5	22
9	Neutral bots probe political bias on social media. Nature Communications, 2021, 12, 5580.	5.8	26
10	The COVID-19 Infodemic: Twitter versus Facebook. Big Data and Society, 2021, 8, 205395172110138.	2.6	105
11	Les ressorts de la désinformation. Pour la science Fr, 2021, N° 523 - mai, 34-41.	0.0	1
12	Notre cerveau, proie des «bots». , 2021, N° 138, 74-81.		0
13	Recency predicts bursts in the evolution of author citations. Quantitative Science Studies, 2020, 1, 1298-1308.	1.6	4
14	Scalable and Generalizable Social Bot Detection through Data Selection. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 1096-1103.	3.6	163
15	Detection of Novel Social Bots by Ensembles of Specialized Classifiers. , 2020, , .		95
16	Unveiling Coordinated Groups Behind White Helmets Disinformation. , 2020, , .		28
17	Exposure to social engagement metrics increases vulnerability to misinformation. , 2020, , .		39
18	Bot Electioneering Volume: Visualizing Social Bot Activity During Elections. , 2019, , .		16

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19	Massive Multi-agent Data-Driven Simulations of the GitHub Ecosystem. Lecture Notes in Computer Science, 2019, , 3-15.	1.0	11
20	Arming the public with artificial intelligence to counter social bots. Human Behavior and Emerging Technologies, 2019, 1, 48-61.	2.5	238
21	Quantifying Biases in Online Information Exposure. Journal of the Association for Information Science and Technology, 2019, 70, 218-229.	1.5	50
22	BotSlayer: real-time detection of bot amplification on Twitter. Journal of Open Source Software, 2019, 4, 1706.	2.0	9
23	The science of fake news. Science, 2018, 359, 1094-1096.	6.0	2,198
24	Ultra High-Dimensional Nonlinear Feature Selection for Big Biological Data. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1352-1365.	4.0	48
25	How algorithmic popularity bias hinders or promotes quality. Scientific Reports, 2018, 8, 15951.	1.6	85
26	Research Challenges of Digital Misinformation: Toward a Trustworthy Web. AI Magazine, 2018, 39, 65-74.	1.4	22
27	The spread of low-credibility content by social bots. Nature Communications, 2018, 9, 4787.	5.8	554
28	Scalable Detection of Viral Memes from Diffusion Patterns. Computational Social Sciences, 2018, , 197-211.	0.4	5
29	Anatomy of an online misinformation network. PLoS ONE, 2018, 13, e0196087.	1.1	169
30	Attention on Weak Ties in Social and Communication Networks. Computational Social Sciences, 2018, , 213-228.	0.4	14
31	Feature Engineering for Social Bot Detection. , 2018, , 311-334.		17
32	Mining for Topics to Suggest Knowledge Model Extensions. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-30.	2.5	8
33	Limited individual attention and online virality of low-quality information. Nature Human Behaviour, 2017, 1, .	6.2	96
34	Finding Streams in Knowledge Graphs to Support Fact Checking. , 2017, , .		65
35	Reports of the Workshops Held at the 2017 International AAAI Conference on Web and Social Media. AI Magazine, 2017, 38, 93-98.	1.4	2
36	Early detection of promoted campaigns on social media. EPJ Data Science, 2017, 6, .	1.5	82

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37	The DARPA Twitter Bot Challenge. <i>Computer</i> , 2016, 49, 38-46.	1.2	277
38	BotOrNot. , 2016, , .		510
39	The Spread of Misinformation in Social Media. , 2016, , .		20
40	On the Influence of Social Bots in Online Protests. <i>Lecture Notes in Computer Science</i> , 2016, , 269-278.	1.0	31
41	Hoaxy. , 2016, , .		221
42	Women through the glass ceiling: gender asymmetries in Wikipedia. <i>EPJ Data Science</i> , 2016, 5, .	1.5	91
43	The rise of social bots. <i>Communications of the ACM</i> , 2016, 59, 96-104.	3.3	1,263
44	A Role for Network Science in Social Norms Intervention. <i>Procedia Computer Science</i> , 2015, 51, 2217-2226.	1.2	9
45	The production of information in the attention economy. <i>Scientific Reports</i> , 2015, 5, 9452.	1.6	77
46	Topicality and Impact in Social Media: Diverse Messages, Focused Messengers. <i>PLoS ONE</i> , 2015, 10, e0118410.	1.1	42
47	First Women, Second Sex. , 2015, , .		42
48	Quality versus quantity in scientific impact. <i>Journal of Informetrics</i> , 2015, 9, 800-808.	1.4	22
49	Computational Fact Checking from Knowledge Networks. <i>PLoS ONE</i> , 2015, 10, e0128193.	1.1	228
50	Fast filtering and animation of large dynamic networks. <i>EPJ Data Science</i> , 2014, 3, .	1.5	9
51	Scholarometer. , 2014, , .		1
52	Connecting dream networks across cultures. , 2014, , .		2
53	Evolution of online user behavior during a social upheaval. , 2014, , .		67
54	Clustering memes in social media streams. <i>Social Network Analysis and Mining</i> , 2014, 4, 1.	1.9	18

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55	On the use of sampling statistics to advance bibliometrics. <i>Journal of Informetrics</i> , 2014, 8, 419-420.	1.4	0
56	Supporting a Social Media Observatory with Customizable Index Structures: Architecture and Performance. , 2014, , 401-427.		5
57	The role of information diffusion in the evolution of social networks. , 2013, , .		109
58	Universality of scholarly impact metrics. <i>Journal of Informetrics</i> , 2013, 7, 924-932.	1.4	82
59	Ambiguous author query detection using crowdsourced digital library annotations. <i>Information Processing and Management</i> , 2013, 49, 454-464.	5.4	16
60	Virality Prediction and Community Structure in Social Networks. <i>Scientific Reports</i> , 2013, 3, 2522.	1.6	416
61	Clustering memes in social media. , 2013, , .		42
62	Social Dynamics of Science. <i>Scientific Reports</i> , 2013, 3, 1069.	1.6	64
63	The Geospatial Characteristics of a Social Movement Communication Network. <i>PLoS ONE</i> , 2013, 8, e55957.	1.1	105
64	The Digital Evolution of Occupy Wall Street. <i>PLoS ONE</i> , 2013, 8, e64679.	1.1	132
65	Traveling trends. , 2013, , .		38
66	Computational Analysis of Collective Behaviors via Agent-Based Modeling. , 2013, , 761-767.		0
67	Friendship prediction and homophily in social media. <i>ACM Transactions on the Web</i> , 2012, 6, 1-33.	2.0	259
68	Partisan asymmetries in online political activity. <i>EPJ Data Science</i> , 2012, 1, .	1.5	193
69	Scholarometer: A Social Framework for Analyzing Impact across Disciplines. <i>PLoS ONE</i> , 2012, 7, e43235.	1.1	30
70	Predicting the Political Alignment of Twitter Users. , 2011, , .		295
71	Properties and Evolution of Internet Traffic Networks from Anonymized Flow Data. <i>ACM Transactions on Internet Technology</i> , 2011, 10, 1-23.	3.0	9
72	The chain model for social tagging game design. , 2011, , .		5

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73	Design of social games for collecting reliable semantic annotations. , 2011, , .		7
74	Truthy. , 2011, , .		329
75	Contextual tag inference. ACM Transactions on Multimedia Computing, Communications and Applications, 2011, 7S, 1-18.	3.0	13
76	Web Crawling. , 2011, , 311-362.		5
77	Modeling Traffic on the Web Graph. Lecture Notes in Computer Science, 2010, , 50-61.	1.0	6
78	Characterizing and Modeling the Dynamics of Online Popularity. Physical Review Letters, 2010, 105, 158701.	2.9	192
79	Folks in Folksonomies. , 2010, , .		112
80	Agents, bookmarks and clicks. , 2010, , .		7
81	GiveALink tagging game. , 2010, , .		8
82	Traffic in Social Media II: Modeling Bursty Popularity. , 2010, , .		19
83	Web Forms and Untraceable DDoS Attacks. , 2010, , 77-95.		0
84	Evaluating similarity measures for emergent semantics of social tagging. , 2009, , .		186
85	What's in a session. , 2009, , .		19
86	Incentives for social annotation. , 2009, , .		4
87	A scalable, collaborative similarity measure for social annotation systems. , 2009, , .		17
88	Social spam detection. , 2009, , .		125
89	Modeling Statistical Properties of Written Text. PLoS ONE, 2009, 4, e5372.	1.1	77
90	Social network structure, segregation, and equality in a labor market with referral hiring. Journal of Economic Behavior and Organization, 2008, 66, 514-528.	1.0	48

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91	Visualizing social links in exploratory search. , 2008, , .		9
92	Efficient assembly of social semantic networks. , 2008, , .		10
93	Ranking web sites with real user traffic. , 2008, , .		56
94	Intelligent Peer Networks for Collaborative Web Search. AI Magazine, 2008, 29, 35.	1.4	2
95	On Local Estimations of PageRank: A Mean Field Approach. Internet Mathematics, 2007, 4, 245-266.	0.7	21
96	Social phishing. Communications of the ACM, 2007, 50, 94-100.	3.3	965
97	Introduction to the special topic section on mining Web resources for enhancing information retrieval. Journal of the Association for Information Science and Technology, 2007, 58, 1791-1792.	2.6	0
98	Scale-Free Network Growth by Ranking. Physical Review Letters, 2006, 96, 218701.	2.9	109
99	Algorithmic Computation and Approximation of Semantic Similarity. World Wide Web, 2006, 9, 431-456.	2.7	57
100	Approximating PageRank from In-Degree. Lecture Notes in Computer Science, 2006, , 59-71.	1.0	82
101	A General Evaluation Framework for Topical Crawlers. Information Retrieval, 2005, 8, 417-447.	1.6	82
102	Adaptive query routing in peer web search. , 2005, , .		3
103	Customer Targeting: A Neural Network Approach Guided by Genetic Algorithms. Management Science, 2005, 51, 264-276.	2.4	115
104	Combining link and content analysis to estimate semantic similarity. , 2004, , .		18
105	Evolution of document networks. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5261-5265.	3.3	64
106	Dynamic extraction topic descriptors and discriminators. , 2004, , .		17
107	Correlated topologies in citation networks and the Web. European Physical Journal B, 2004, 38, 211-221.	0.6	28
108	Lexical and semantic clustering by Web links. Journal of the Association for Information Science and Technology, 2004, 55, 1261-1269.	2.6	61

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109	Topical web crawlers. ACM Transactions on Internet Technology, 2004, 4, 378-419.	3.0	201
110	Crawling the Web. , 2004, , 153-177.		111
111	Complementing search engines with online web mining agents. Decision Support Systems, 2003, 35, 195-212.	3.5	67
112	Topical Crawling for Business Intelligence. Lecture Notes in Computer Science, 2003, , 233-244.	1.0	43
113	Search Engine-Crawler Symbiosis: Adapting to Community Interests. Lecture Notes in Computer Science, 2003, , 221-232.	1.0	8
114	Growing and navigating the small world Web by local content. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14014-14019.	3.3	82
115	Evolutionary model selection in unsupervised learning. Intelligent Data Analysis, 2002, 6, 531-556.	0.4	90
116	MySpiders: Evolve Your Own Intelligent Web Crawlers. Autonomous Agents and Multi-Agent Systems, 2002, 5, 221-229.	1.3	36
117	Evaluating topic-driven web crawlers. , 2001, , .		118
118	OAMulator. Journal on Educational Resources in Computing, 2001, 1, 18-30.	1.3	1
119	Adaptive Retrieval Agents: Internalizing Local Context and Scaling up to the Web. , 2000, 39, 203-242.		109
120	Efficient and Scalable Pareto Optimization by Evolutionary Local Selection Algorithms. Evolutionary Computation, 2000, 8, 223-247.	2.3	47
121	Co-evolution of movement behaviours by tropical pelagic predatory fishes in response to prey environment: a simulation model. Ecological Modelling, 2000, 134, 325-341.	1.2	33
122	Feature selection in unsupervised learning via evolutionary search. , 2000, , .		190
123	Scalable Web Search by Adaptive Online Agents: An InfoSpiders Case Study. , 1999, , 323-347.		40
124	Adaptive information agents in distributed textual environments. , 1998, , .		38
125	ALife Meets Web: Lessons Learned. Lecture Notes in Computer Science, 1998, , 156-167.	1.0	7
126	From Complex Environments to Complex Behaviors. Adaptive Behavior, 1996, 4, 317-363.	1.1	46



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127	Maturation and the Evolution of Imitative Learning in Artificial Organisms. <i>Adaptive Behavior</i> , 1995, 4, 29-50.	1.1	31
128	Recombination and unsupervised learning: effects of crossover in the genetic optimization of neural networks. <i>Network: Computation in Neural Systems</i> , 1992, 3, 423-442.	2.2	16
129	Evidence of hyperplanes in the genetic learning of neural networks. <i>Biological Cybernetics</i> , 1992, 66, 283-289.	0.6	31
130	Recombination and unsupervised learning: effects of crossover in the genetic optimization of neural networks. , 0, .		5
131	Measuring online social bubbles. <i>PeerJ Computer Science</i> , 0, 1, e38.	2.7	113
132	OSoMe: the IUNI observatory on social media. <i>PeerJ Computer Science</i> , 0, 2, e87.	2.7	31
133	How Twitter data sampling biases U.S. voter behavior characterizations. <i>PeerJ Computer Science</i> , 0, 8, e1025.	2.7	5