Filippo Menczer

List of Publications by Year in Descending Order

133 papers	8,823 citations	45 h-index	93 g-index
136 ext. papers	11,040 ext. citations	4.2 avg, IF	6.48 L-index

#	Paper	IF	Citations
133	Political audience diversity and news reliability in algorithmic ranking.. *Nature Human Behaviour*, **2022**,	12.8	3
132	Online misinformation is linked to early COVID-19 vaccination hesitancy and refusal.. *Scientific Reports*, **2022**, 12, 5966	4.9	4
131	Les ressorts de la d□information. *Pourlascience Fr*, **2021**, N° 523 - mai, 34-41	0	0
130	Notre cerveau, proie des « bots » **2021**, N° 138, 74-81		
129	Fakey. *Proceedings of the ACM on Human-Computer Interaction*, **2021**, 5, 1-27	3.4	6
128	Social influence and unfollowing accelerate the emergence of echo chambers. *Journal of Computational Social Science*, **2021**, 4, 381-402	3	31
127	On the challenges of predicting microscopic dynamics of online conversations. *Applied Network Science*, **2021**, 6,	2.9	2
126	Right and left, partisanship predicts (asymmetric) vulnerability to misinformation **2021**,		4
125	Detecting Climate Teleconnections With Granger Causality. *Geophysical Research Letters*, **2021**, 48, e2021GL094707	4.9	1
124	Neutral bots probe political bias on social media. *Nature Communications*, **2021**, 12, 5580	17.4	6
123	The COVID-19 Infodemic: Twitter versus Facebook. *Big Data and Society*, **2021**, 8, 205395172110138	5.3	33
122	Recency predicts bursts in the evolution of author citations. *Quantitative Science Studies*, **2020**, 1, 1298-1308	3.8	2
121	Scalable and Generalizable Social Bot Detection through Data Selection. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2020**, 34, 1096-1103	5	54
120	Detection of Novel Social Bots by Ensembles of Specialized Classifiers **2020**,		19
119	Unveiling Coordinated Groups Behind White Helmets Disinformation **2020**,		9
118	Exposure to social engagement metrics increases vulnerability to misinformation **2020**,		14
117	Asymmetrical perceptions of partisan political bots. *New Media and Society*, **2020**, 146144482094274	3.8	8

116	Bot Electioneering Volume: Visualizing Social Bot Activity During Elections **2019**,		7
115	Massive Multi-agent Data-Driven Simulations of the GitHub Ecosystem. *Lecture Notes in Computer Science*, **2019**, 3-15	0.9	3
114	BotSlayer: real-time detection of bot amplification on Twitter. *Journal of Open Source Software*, **2019**, 4, 1706	5.2	6
113	Arming the public with artificial intelligence to counter social bots. *Human Behavior and Emerging Technologies*, **2019**, 1, 48-61	10.2	147
112	Quantifying Biases in Online Information Exposure. *Journal of the Association for Information Science and Technology*, **2019**, 70, 218-229	2.7	26
111	The science of fake news. *Science*, **2018**, 359, 1094-1096	33.3	1252
110	Ultra High-Dimensional Nonlinear Feature Selection for Big Biological Data. *IEEE Transactions on Knowledge and Data Engineering*, **2018**, 30, 1352-1365	4.2	24
109	Anatomy of an online misinformation network. *PLoS ONE*, **2018**, 13, e0196087	3.7	116
108	Feature Engineering for Social Bot Detection **2018**, 311-334		6
107	Attention on Weak Ties in Social and Communication Networks. *Computational Social Sciences*, **2018**, 213-228	0.7	8
106	How algorithmic popularity bias hinders or promotes quality. *Scientific Reports*, **2018**, 8, 15951	4.9	44
105	Research Challenges of Digital Misinformation: Toward a Trustworthy Web. *AI Magazine*, **2018**, 39, 65-74	6.1	12
104	The spread of low-credibility content by social bots. *Nature Communications*, **2018**, 9, 4787	17.4	318
103	Scalable Detection of Viral Memes from Diffusion Patterns. *Computational Social Sciences*, **2018**, 197-211	0.7	4
102	Early detection of promoted campaigns on social media. *EPJ Data Science*, **2017**, 6,	3.4	53
101	Limited individual attention and online virality of low-quality information. *Nature Human Behaviour*, **2017**, 1,	12.8	70
100	Finding Streams in Knowledge Graphs to Support Fact Checking **2017**,		38
99	On the Influence of Social Bots in Online Protests. *Lecture Notes in Computer Science*, **2016**, 269-278	0.9	16

98	Hoaxy **2016**,		147
97	Women through the glass ceiling: gender asymmetries in Wikipedia. *EPJ Data Science*, **2016**, 5,	3.4	47
96	The rise of social bots. *Communications of the ACM*, **2016**, 59, 96-104	2.5	847
95	The DARPA Twitter Bot Challenge. *Computer*, **2016**, 49, 38-46	1.6	198
94	Mining for Topics to Suggest Knowledge Model Extensions. *ACM Transactions on Knowledge Discovery From Data*, **2016**, 11, 1-30	4	4
93	BotOrNot **2016**,		316
92	The Spread of Misinformation in Social Media **2016**,		15
91	Quality versus quantity in scientific impact. *Journal of Informetrics*, **2015**, 9, 800-808	3.1	18
90	A Role for Network Science in Social Norms Intervention. *Procedia Computer Science*, **2015**, 51, 2217-2226	1.6	5
89	The production of information in the attention economy. *Scientific Reports*, **2015**, 5, 9452	4.9	54
88	Topicality and impact in social media: diverse messages, focused messengers. *PLoS ONE*, **2015**, 10, e0118410	3.7	27
87	First Women, Second Sex **2015**,		26
86	Computational Fact Checking from Knowledge Networks. *PLoS ONE*, **2015**, 10, e0128193	3.7	135
85	Online Interactions **2015**, 99-116		
84	On the use of sampling statistics to advance bibliometrics. *Journal of Informetrics*, **2014**, 8, 419-420	3.1	
83	Fast filtering and animation of large dynamic networks. *EPJ Data Science*, **2014**, 3,	3.4	9
82	Scholarometer **2014**,		1
81	Connecting dream networks across cultures **2014**,		2

80	Evolution of online user behavior during a social upheaval **2014**,		51
79	Clustering memes in social media streams. *Social Network Analysis and Mining*, **2014**, 4, 1	2.2	16
78	Supporting a Social Media Observatory with Customizable Index Structures: Architecture and Performance **2014**, 401-427		4
77	The role of information diffusion in the evolution of social networks **2013**,		88
76	Universality of scholarly impact metrics. *Journal of Informetrics*, **2013**, 7, 924-932	3.1	63
75	Ambiguous author query detection using crowdsourced digital library annotations. *Information Processing and Management*, **2013**, 49, 454-464	6.3	12
74	Virality prediction and community structure in social networks. *Scientific Reports*, **2013**, 3, 2522	4.9	323
73	Clustering memes in social media **2013**,		34
72	Social dynamics of science. *Scientific Reports*, **2013**, 3, 1069	4.9	46
71	The geospatial characteristics of a social movement communication network. *PLoS ONE*, **2013**, 8, e55957	3.7	85
70	The digital evolution of occupy wall street. *PLoS ONE*, **2013**, 8, e64679	3.7	108
69	Traveling trends **2013**,		36
68	Computational Analysis of Collective Behaviors via Agent-Based Modeling **2013**, 761-767		
67	Partisan asymmetries in online political activity. *EPJ Data Science*, **2012**, 1,	3.4	136
66	Scholarometer: a social framework for analyzing impact across disciplines. *PLoS ONE*, **2012**, 7, e43235	3.7	24
65	Friendship prediction and homophily in social media. *ACM Transactions on the Web*, **2012**, 6, 1-33	3.2	188
64	Predicting the Political Alignment of Twitter Users **2011**,		199
63	Properties and Evolution of Internet Traffic Networks from Anonymized Flow Data. *ACM Transactions on Internet Technology*, **2011**, 10, 1-23	3.8	6

62	The chain model for social tagging game design **2011**,		3
61	Design of social games for collecting reliable semantic annotations **2011**,		3
60	Truthy **2011**,		240
59	Contextual tag inference. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2011**, 7S, 1-18	3.4	13
58	Web Crawling **2011**, 311-362		1
57	Characterizing and modeling the dynamics of online popularity. *Physical Review Letters*, **2010**, 105, 158701	7.4	160
56	Folks in Folksonomies **2010**,		90
55	Agents, bookmarks and clicks **2010**,		7
54	GiveALink tagging game **2010**,		8
53	Traffic in Social Media II: Modeling Bursty Popularity **2010**,		15
52	Modeling Traffic on the Web Graph. *Lecture Notes in Computer Science*, **2010**, 50-61	0.9	3
51	Web Forms and Untraceable DDoS Attacks **2010**, 77-95		
50	Evaluating similarity measures for emergent semantics of social tagging **2009**,		141
49	What's in a session **2009**,		16
48	Incentives for social annotation **2009**,		2
47	A scalable, collaborative similarity measure for social annotation systems **2009**,		14
46	Social spam detection **2009**,		80
45	Modeling statistical properties of written text. *PLoS ONE*, **2009**, 4, e5372	3.7	71

44	Social network structure, segregation, and equality in a labor market with referral hiring. *Journal of Economic Behavior and Organization*, **2008**, 66, 514-528	1.6	38
43	Visualizing social links in exploratory search **2008**,		8
42	Efficient assembly of social semantic networks **2008**,		8
41	Ranking web sites with real user traffic **2008**,		40
40	Intelligent Peer Networks for Collaborative Web Search. *AI Magazine*, **2008**, 29, 35	6.1	2
39	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		
38	On Local Estimations of PageRank: A Mean Field Approach. *Internet Mathematics*, **2007**, 4, 245-266	0	19
37	Social phishing. *Communications of the ACM*, **2007**, 50, 94-100	2.5	731
36	Scale-free network growth by ranking. *Physical Review Letters*, **2006**, 96, 218701	7.4	93
35	Algorithmic Computation and Approximation of Semantic Similarity. *World Wide Web*, **2006**, 9, 431-456	2.9	45
34	Approximating PageRank from In-Degree. *Lecture Notes in Computer Science*, **2006**, 59-71	0.9	44
33	A General Evaluation Framework for Topical Crawlers. *Information Retrieval*, **2005**, 8, 417-447	1.8	62
32	Adaptive query routing in peer web search **2005**,		3
31	Customer Targeting: A Neural Network Approach Guided by Genetic Algorithms. *Management Science*, **2005**, 51, 264-276	3.9	88
30	Combining link and content analysis to estimate semantic similarity **2004**,		8
29	Evolution of document networks. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101 Suppl 1, 5261-5	11.5	51
28	Dynamic extraction topic descriptors and discriminators **2004**,		10
27	Correlated topologies in citation networks and the Web. *European Physical Journal B*, **2004**, 38, 211-221	1.2	18

26	Lexical and semantic clustering by Web links. *Journal of the Association for Information Science and Technology*, **2004**, 55, 1261-1269		45
25	Topical web crawlers. *ACM Transactions on Internet Technology*, **2004**, 4, 378-419	3.8	135
24	Crawling the Web **2004**, 153-177		63
23	Topical Crawling for Business Intelligence. *Lecture Notes in Computer Science*, **2003**, 233-244	0.9	28
22	Complementing search engines with online web mining agents. *Decision Support Systems*, **2003**, 35, 195-212	3.2	46
21	Search Engine-Crawler Symbiosis: Adapting to Community Interests. *Lecture Notes in Computer Science*, **2003**, 221-232	0.9	4
20	MySpiders: Evolve Your Own Intelligent Web Crawlers. *Autonomous Agents and Multi-Agent Systems* , **2002**, 5, 221-229	2	28
19	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, 14014-9	11.5	66
18	Evolutionary model selection in unsupervised learning. *Intelligent Data Analysis*, **2002**, 6, 531-556	1.1	61
17	OAMulator. *Journal on Educational Resources in Computing*, **2001**, 1, 18-30		1
16	Evaluating topic-driven web crawlers **2001**,		89
15	Adaptive Retrieval Agents: Internalizing Local Context and Scaling up to the Web **2000**, 39, 203-242		79
14	Efficient and scalable Pareto optimization by evolutionary local selection algorithms. *Evolutionary Computation*, **2000**, 8, 223-47	4.3	40
13	Co-evolution of movement behaviours by tropical pelagic predatory fishes in response to prey environment: a simulation model. *Ecological Modelling*, **2000**, 134, 325-341	3	28
12	Feature selection in unsupervised learning via evolutionary search **2000**,		144
11	Scalable Web Search by Adaptive Online Agents: An InfoSpiders Case Study **1999**, 323-347		20
10	Adaptive information agents in distributed textual environments **1998**,		21
9	ALife Meets Web: Lessons Learned. *Lecture Notes in Computer Science*, **1998**, 156-167	0.9	5

8	From Complex Environments to Complex Behaviors. *Adaptive Behavior*, **1996**, 4, 317-363	1.1	17
7	Maturation and the Evolution of Imitative Learning in Artificial Organisms. *Adaptive Behavior*, **1995**, 4, 29-50	1.1	10
6	Recombination and unsupervised learning: effects of crossover in the genetic optimization of neural networks. *Network: Computation in Neural Systems*, **1992**, 3, 423-442	0.7	10
5	Evidence of hyperplanes in the genetic learning of neural networks. *Biological Cybernetics*, **1992**, 66, 283-9	2.8	26
4	Measuring online social bubbles. *PeerJ Computer Science*,1, e38	2.7	76
3	OSoMe: the IUNI observatory on social media. *PeerJ Computer Science*,2, e87	2.7	20
2	Recombination and unsupervised learning: effects of crossover in the genetic optimization of neural networks		5
1	Online misinformation is linked to COVID-19 vaccination hesitancy and refusal (Preprint)		3