Ying Ding

List of Publications by Year in Descending Order

143 papers	4,301 citations	35 h-index	62 g-index
152 ext. papers	5,167 ext. citations	3.1 avg, IF	5.95 L-index

#	Paper	IF	Citations
143	Knowledge graph analytics platform with LINCS and IDG for Parkinson's disease target illumination.. *BMC Bioinformatics*, **2022**, 23, 37	3.6	0
142	Cross-Regional Analysis of the Aging Phenomenon of Biomedical Scholars. *Lecture Notes in Computer Science*, **2022**, 244-254	0.9	
141	Elapsed Collective Memory: Looking for the Forgotten Classic Works in Library and Information Science. *Lecture Notes in Computer Science*, **2022**, 61-68	0.9	
140	Reply to issues about entitymetrics and paper-entity citation network. *Scientometrics*, **2022**, 127, 2127-2129	3	
139	Contributorship in scientific collaborations: The perspective of contribution-based byline orders. *Information Processing and Management*, **2022**, 59, 102944	6.3	0
138	Contrastive Learning Improves Critical Event Prediction in COVID-19 Patients. *Patterns*, **2021**, 100389	5.1	3
137	Relational Learning Improves Prediction of Mortality in COVID-19 in the Intensive Care Unit. *IEEE Transactions on Big Data*, **2021**, 7, 38-44	3.2	2
136	Analyzing knowledge entities about COVID-19 using entitymetrics. *Scientometrics*, **2021**, 126, 1-19	3	8
135	Toward a Coronavirus Knowledge Graph. *Genes*, **2021**, 12,	4.2	2
134	Understanding the Evolution of the Concept of Artificial Intelligence in Different Publication Venues. *Lecture Notes in Computer Science*, **2021**, 3-13	0.9	
133	Understanding Team Collaboration in Artificial Intelligence from the Perspective of Geographic Distance. *Lecture Notes in Computer Science*, **2021**, 14-23	0.9	1
132	Deep Learning with Heterogeneous Graph Embeddings for Mortality Prediction from Electronic Health Records. *Data Intelligence*, **2021**, 3, 329-339	3	2
131	Biomedical Knowledge Graph Refinement and Completion Using Graph Representation Learning and Top-K Similarity Measure. *Lecture Notes in Computer Science*, **2021**, 112-123	0.9	1
130	Pandemics are catalysts of scientific novelty: Evidence from COVID-19.. *Journal of the Association for Information Science and Technology*, **2021**,	2.7	2
129	Building a PubMed knowledge graph. *Scientific Data*, **2020**, 7, 205	8.2	36
128	Monolingual and multilingual topic analysis using LDA and BERT embeddings. *Journal of Informetrics*, **2020**, 14, 101055	3.1	16
127	Using Entity Metrics to Understand Drug Repurposing. *AMIA Summits on Translational Science Proceedings*, **2020**, 2020, 377-382	1.1	

126	Understanding Drug Repurposing From the Perspective of Biomedical Entities and Their Evolution: Bibliographic Research Using Aspirin. *JMIR Medical Informatics*, **2020**, 8, e16739	3.6	7
125	The pace of artificial intelligence innovations: Speed, talent, and trial-and-error. *Journal of Informetrics*, **2020**, 14, 101094	3.1	8
124	Co-contributorship network and division of labor in individual scientific collaborations. *Journal of the Association for Information Science and Technology*, **2020**, 71, 1162-1178	2.7	4
123	Exploring direct citations between citing publications. *Journal of Information Science*, **2020**, 016555152091765		2
122	edge2vec: Representation learning using edge semantics for biomedical knowledge discovery. *BMC Bioinformatics*, **2019**, 20, 306	3.6	14
121	Predicting biomedical relationships using the knowledge and graph embedding cascade model. *PLoS ONE*, **2019**, 14, e0218264	3.7	9
120	Interdisciplinary scholarly communication: an exploratory study for the field of joint attention. *Scientometrics*, **2019**, 119, 1597-1619	3	1
119	Adopting Text Mining on Rehabilitation Therapy Repositioning for Stroke. *Frontiers in Neuroinformatics*, **2019**, 13, 17	3.9	3
118	A Journal for Human and Machine. *Data Intelligence*, **2019**, 1, 1-5	3	
117	Analyzing linguistic complexity and scientific impact. *Journal of Informetrics*, **2019**, 13, 817-829	3.1	20
116	Analyzing stock market trends using social media user moods and social influence. *Journal of the Association for Information Science and Technology*, **2019**, 70, 1000-1013	2.7	11
115	Examining scientific writing styles from the perspective of linguistic complexity. *Journal of the Association for Information Science and Technology*, **2019**, 70, 462-475	2.7	12
114	From zero to one: A perspective on citing. *Journal of the Association for Information Science and Technology*, **2019**, 70, 1098-1107	2.7	2
113	Understanding persistent scientific collaboration. *Journal of the Association for Information Science and Technology*, **2018**, 69, 438-448	2.7	27
112	Understanding success through the diversity of collaborators and the milestone of career. *Journal of the Association for Information Science and Technology*, **2018**, 69, 87-97	2.7	15
111	Understanding scientific collaboration: Homophily, transitivity, and preferential attachment. *Journal of the Association for Information Science and Technology*, **2018**, 69, 72-86	2.7	60
110	Topology-driven trend analysis for drug discovery. *Journal of Informetrics*, **2018**, 12, 893-905	3.1	6
109	Semantic word shifts in a scientific domain. *Scientometrics*, **2018**, 117, 211-226	3	5

108	Measuring the diffusion of an innovation: A citation analysis. *Journal of the Association for Information Science and Technology*, **2018**, 69, 368-379	2.7	21
107	Measuring the stability of scientific collaboration. *Scientometrics*, **2018**, 114, 463-479	3	17
106	The Landscape of Causal Inference: Perspective From Citation Network Analysis. *American Statistician*, **2018**, 72, 265-277	5	6
105	Number versus structure: towards citing cascades. *Scientometrics*, **2018**, 117, 2177-2193	3	9
104	Understanding the formation of interdisciplinary research from the perspective of keyword evolution: a case study on joint attention. *Scientometrics*, **2018**, 117, 973-995	3	17
103	Innovation or imitation: The diffusion of citations. *Journal of the Association for Information Science and Technology*, **2018**, 69, 1271-1282	2.7	20
102	Standing on the shoulders of giants. *Journal of Informetrics*, **2017**, 11, 307-323	3.1	39
101	Understanding the topic evolution in a scientific domain: An exploratory study for the field of information retrieval. *Journal of Informetrics*, **2017**, 11, 1175-1189	3.1	35
100	User-level microblogging recommendation incorporating social influence. *Journal of the Association for Information Science and Technology*, **2017**, 68, 553-568	2.7	8
99	An efficient system to fund science: from proposal review to peer-to-peer distributions. *Scientometrics*, **2017**, 110, 521-528	3	23
98	Who bridged the Valley of Death between basic research and clinical research? In the case of immune-checkpoints CTLA-4 and PD-1 based on inter-citation network. *Proceedings of the Association for Information Science and Technology*, **2017**, 54, 855-856	0.4	
97	Using Machine Reading to Understand Alzheimer's and Related Diseases from the Literature. *Journal of Data and Information Science*, **2017**, 2, 81-94	1.2	1
96	Data-driven Discovery: A New Era of Exploiting the Literature and Data. *Journal of Data and Information Science*, **2017**, 1, 1-9	1.2	18
95	Predicting drug target interactions using meta-path-based semantic network analysis. *BMC Bioinformatics*, **2016**, 17, 160	3.6	72
94	Author credit-assignment schemas: A comparison and analysis. *Journal of the Association for Information Science and Technology*, **2016**, 67, 1973-1989	2.7	17
93	Topic-based heterogeneous rank. *Scientometrics*, **2015**, 104, 313-334	3	33
92	SemPathFinder: Semantic path analysis for discovering publicly unknown knowledge. *Journal of Informetrics*, **2015**, 9, 686-703	3.1	11
91	Tracing database usage: Detecting main paths in database link networks. *Journal of Informetrics*, **2015**, 9, 1-15	3.1	13

90	A lead-lag analysis of the topic evolution patterns for preprints and publications. *Journal of the Association for Information Science and Technology*, **2015**, 66, 2643-2656	2.7	14
89	Author Credit for Transdisciplinary Collaboration. *PLoS ONE*, **2015**, 10, e0137968	3.7	11
88	Productivity and influence in bioinformatics: A bibliometric analysis using PubMed central. *Journal of the Association for Information Science and Technology*, **2014**, 65, 352-371	2.7	17
87	Research Productivity and Performance of Journals in the Creativity Sciences: A Bibliometric Analysis. *Creativity Research Journal*, **2014**, 26, 353-360	1.8	14
86	The role of handbooks in knowledge creation and diffusion: A case of science and technology studies. *Journal of Informetrics*, **2014**, 8, 693-709	3.1	9
85	Content-based citation analysis: The next generation of citation analysis. *Journal of the Association for Information Science and Technology*, **2014**, 65, 1820-1833	2.7	116
84	From funding agencies to scientific agency: Collective allocation of science funding as an alternative to peer review. *EMBO Reports*, **2014**, 15, 131-3	6.5	27
83	Semantic Breakthrough in Drug Discovery. *Synthesis Lectures on the Semantic Web: Theory and Technology*, **2014**, 4, 1-142	3.5	4
82	Patent citation analysis: Calculating science linkage based on citing motivation. *Journal of the Association for Information Science and Technology*, **2014**, 65, 1007-1017	2.7	38
81	Topic Modeling: Measuring Scholarly Impact Using a Topical Lens **2014**, 235-257		4
80	Mining diversity subgraph in multidisciplinary scientific collaboration networks: A meso perspective. *Journal of Informetrics*, **2013**, 7, 117-128	3.1	21
79	The distribution of references across texts: Some implications for citation analysis. *Journal of Informetrics*, **2013**, 7, 583-592	3.1	72
78	A bird's-eye view of scientific trading: Dependency relations among fields of science. *Journal of Informetrics*, **2013**, 7, 249-264	3.1	39
77	Finding topic-level experts in scholarly networks. *Scientometrics*, **2013**, 97, 797-819	3	12
76	Citation content analysis (CCA): A framework for syntactic and semantic analysis of citation content. *Journal of the Association for Information Science and Technology*, **2013**, 64, 1490-1503		69
75	Bilingual researcher profiles: Modeling dutch researchers in both english and dutch using the VIVO ontology. *Proceedings of the American Society for Information Science and Technology*, **2013**, 50, 1-4		
74	Journal impact and proximity: An assessment using bibliographic features. *Journal of the Association for Information Science and Technology*, **2013**, 64, 802-817		6
73	Entitymetrics: measuring the impact of entities. *PLoS ONE*, **2013**, 8, e71416	3.7	50

72	Discovering implicit entity relation with the gene-citation-gene network. *PLoS ONE*, **2013**, 8, e84639	3.7	18
71	Systems chemical biology and the Semantic Web: what they mean for the future of drug discovery research. *Drug Discovery Today*, **2012**, 17, 469-74	8.8	49
70	Mining patterns of author orders in scientific publications. *Journal of Informetrics*, **2012**, 6, 359-367	3.1	29
69	Improving integrative searching of systems chemical biology data using semantic annotation. *Journal of Cheminformatics*, **2012**, 4, 6	8.6	23
68	The dynamic features of Delicious, Flickr, and YouTube. *Journal of the Association for Information Science and Technology*, **2012**, 63, 139-162		11
67	Overlaying communities and topics: an analysis on publication networks. *Scientometrics*, **2012**, 90, 499-513	3	26
66	Library and information science in the big data era: Funding, projects, and future [a panel proposal]. *Proceedings of the American Society for Information Science and Technology*, **2012**, 49, 1-3		3
65	Scholarly conformity: Origins, framework, applications and implications. *Proceedings of the American Society for Information Science and Technology*, **2012**, 49, 1-4		9
64	Monitoring knowledge flow through scholarly networks. *Proceedings of the American Society for Information Science and Technology*, **2012**, 49, 1-5		3
63	Topics in dynamic research communities: An exploratory study for the field of information retrieval. *Journal of Informetrics*, **2012**, 6, 140-153	3.1	48
62	Adding community and dynamic to topic models. *Journal of Informetrics*, **2012**, 6, 237-253	3.1	21
61	Time-related patient data retrieval for the case studies from the pharmacogenomics research network. *Journal of Medical Systems*, **2012**, 36 Suppl 1, S37-42	5.1	6
60	Modeling Indirect Influence on Twitter. *International Journal on Semantic Web and Information Systems*, **2012**, 8, 20-36	1.4	15
59	Scholarly network similarities: How bibliographic coupling networks, citation networks, cocitation networks, topical networks, coauthorship networks, and coword networks relate to each other. *Journal of the Association for Information Science and Technology*, **2012**, 63, 1313-1326		128
58	Assessing drug target association using semantic linked data. *PLoS Computational Biology*, **2012**, 8, e1002574	5	102
57	Multiple spreaders affect the indirect influence on twitter **2012**,		3
56	There is more than complex contagion **2012**,		2
55	Community detection: Topological vs. topical. *Journal of Informetrics*, **2011**, 5, 498-514	3.1	82

54	Finding complex biological relationships in recent PubMed articles using Bio-LDA. *PLoS ONE*, **2011**, 6, e17243	3.7	65
53	Mining relational paths in integrated biomedical data. *PLoS ONE*, **2011**, 6, e27506	3.7	26
52	Popular and/or prestigious? Measures of scholarly esteem. *Information Processing and Management*, **2011**, 47, 80-96	6.3	123
51	Discovering author impact: A PageRank perspective. *Information Processing and Management*, **2011**, 47, 125-134	6.3	86
50	Semantic inference using chemogenomics data for drug discovery. *BMC Bioinformatics*, **2011**, 12, 256	3.6	16
49	Library and information science (LIS) as we see it: An overview at the state and country level from 1965–2010. *Proceedings of the American Society for Information Science and Technology*, **2011**, 48, 1-8		
48	The shifting sands of disciplinary development: Analyzing North American Library and Information Science dissertations using latent Dirichlet allocation. *Journal of the Association for Information Science and Technology*, **2011**, 62, 185-204		69
47	Applying weighted PageRank to author citation networks. *Journal of the Association for Information Science and Technology*, **2011**, 62, 236-245		83
46	Topic-based PageRank on author cocitation networks. *Journal of the Association for Information Science and Technology*, **2011**, 62, n/a-n/a		10
45	Mining enriched contextual information of scientific collaboration: A meso perspective. *Journal of the Association for Information Science and Technology*, **2011**, 62, 831-845		17
44	Modeling topic and community structure in social tagging: The TTR-LDA-Community model. *Journal of the Association for Information Science and Technology*, **2011**, 62, 1849-1866		7
43	The cognitive structure of Library and Information Science: Analysis of article title words. *Journal of the Association for Information Science and Technology*, **2011**, 62, 1933-1953		117
42	Scientific collaboration and endorsement: Network analysis of coauthorship and citation networks. *Journal of Informetrics*, **2011**, 5, 187-203	3.1	194
41	Semantic Web: Who is who in the field – a bibliometric analysis. *Journal of Information Science*, **2010**, 36, 335-356	2	19
40	Muzk Mesh: Interlinking Semantic Music Data **2010**,		1
39	Chem2Bio2RDF: A Linked Open Data Portal for Systems Chemical Biology **2010**,		9
38	Dynamic Features of Social Tagging Vocabulary: Delicious, Flickr and YouTube **2010**,		1
37	Community-based topic modeling for social tagging **2010**,		34

36	Modeling Ontology of Folksonomy with Latent Semantics of Tags **2010**,		6
35	Mapping library and information science in China: a coauthorship network analysis. *Scientometrics*, **2010**, 83, 115-131	3	63
34	Chem2Bio2RDF: a semantic framework for linking and data mining chemogenomic and systems chemical biology data. *BMC Bioinformatics*, **2010**, 11, 255	3.6	154
33	Weighted citation: An indicator of an article's prestige. *Journal of the Association for Information Science and Technology*, **2010**, 61, n/a-n/a		15
32	P-Rank: An indicator measuring prestige in heterogeneous scholarly networks. *Journal of the Association for Information Science and Technology*, **2010**, 62, n/a-n/a		9
31	Measuring scholarly impact in heterogeneous networks. *Proceedings of the American Society for Information Science and Technology*, **2010**, 47, 1-7		6
30	Journal clustering through interlocking editorship information. *Proceedings of the American Society for Information Science and Technology*, **2010**, 47, 1-10		13
29	A Comparative analysis of user-generated and author-generated metadata for web resources. *Proceedings of the American Society for Information Science and Technology*, **2010**, 47, 1-2		1
28	WENDI: A tool for finding non-obvious relationships between compounds and biological properties, genes, diseases and scholarly publications. *Journal of Cheminformatics*, **2010**, 2, 6	8.6	27
27	Semantic Web Portal: A Platform for Better Browsing and Visualizing Semantic Data. *Lecture Notes in Computer Science*, **2010**, 448-460	0.9	5
26	Utilizing Web2.0 in Web Service Ranking **2009**,		2
25	Applying centrality measures to impact analysis: A coauthorship network analysis. *Journal of the Association for Information Science and Technology*, **2009**, 60, 2107-2118		215
24	PageRank for ranking authors in co-citation networks. *Journal of the Association for Information Science and Technology*, **2009**, 60, 2229-2243		224
23	Perspectives on social tagging. *Journal of the Association for Information Science and Technology*, **2009**, 60, 2388-2401		35
22	Upper tag ontology for integrating social tagging data. *Journal of the Association for Information Science and Technology*, **2009**, 61, n/a-n/a		3
21	Profiling Social Networks: A Social Tagging Perspective. *D-Lib Magazine*, **2009**, 15,		7
20	Semantic Rules on Drug Discovery Data. *Lecture Notes in Computer Science*, **2009**, 362-364	0.9	
19	Integrating social tagging data: Upper Tag Ontology (UTO). *Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics*, **2008**,	2	2

18	TSC Triple Space Computing. *Elektrotechnik Und Informationstechnik*, **2007**, 124, 31-38	0.4	13
17	Towards a Domain Oriented and Independent Semantic Search Model **2007**, 736-744		1
16	Semantic Search on Cross-Media Cultural Archives **2007**, 375-380		2
15	Data Mediation Support for Triple Space Computing **2006**,		2
14	Bridging Multi Agent Systems and Web Services: towards interoperability between Software Agents and Semantic Web Services. *2006 10th IEEE International Enterprise Distributed Object Computing Conference (EDOC06)*, **2006**,		26
13	Triple Space Computing Middleware for Semantic Web Services **2006**,		5
12	Semantic web portals: state-of-the-art survey. *Journal of Knowledge Management*, **2005**, 9, 40-49	7.3	35
11	The semantic web: yet another hip?. *Data and Knowledge Engineering*, **2002**, 41, 205-227	1.5	65
10	Ontology research and development. Part 1 - a review of ontology generation. *Journal of Information Science*, **2002**, 28, 123-136	2	69
9	Bibliometric cartography of information retrieval research by using co-word analysis. *Information Processing and Management*, **2001**, 37, 817-842	6.3	416
8	. *IEEE Intelligent Systems*, **2001**, 16, 54-59	4.2	81
7	Bibliometric information retrieval system (BIRS): A web search interface utilizing bibliometric research results. *Journal of the Association for Information Science and Technology*, **2000**, 51, 1190-1204		18
6	Journal as Markers of Intellectual Space: Journal Co-Citation Analysis of Information Retrieval Area, 1987 1997. *Scientometrics*, **2000**, 47, 55-73	3	63
5	Incorporating the results of co-word analyses to increase search variety for information retrieval. *Journal of Information Science*, **2000**, 26, 429-451	2	15
4	Mapping the intellectual structure of information retrieval studies: an author co-citation analysis, 1987-1997. *Journal of Information Science*, **1999**, 25, 67-78	2	47
3	A Bibliometric Analysis of Collaboration in the Field of Information Retrieval. *International Information and Library Review*, **1998**, 30, 367-376	0.6	14
2	Adopting Literature-based Discovery on Rehabilitation Therapy Repositioning for Stroke		1
1	A Bibliometric Analysis of Collaboration in the Field of Information Retrieval		20