Francesco Osborne

List of Publications by Year
in descending order

55	822	566801	610482
papers	citations	15	24
		h-index	g-index

58	58	58	403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CSO Classifier 3.0: a scalable unsupervised method for classifying documents in terms of research topics. International Journal on Digital Libraries, 2022, 23, 91-110.	1.1	7
2	Editorial of the Special Issue on Deep Learning and Knowledge Graphs. Semantic Web, 2022, 13, 293-297.	1.1	1
3	The AIDA Dashboard: A Web Application for Assessing and Comparing Scientific Conferences. IEEE Access, 2022, 10, 39471-39486.	2.6	1
4	Generating knowledge graphs by employing Natural Language Processing and Machine Learning techniques within the scholarly domain. Future Generation Computer Systems, 2021, 116, 253-264.	4.9	40
5	Link Prediction of Weighted Triples for Knowledge Graph Completion Within the Scholarly Domain. IEEE Access, 2021, 9, 116002-116014.	2.6	8
6	Trans4E: Link prediction on scholarly knowledge graphs. Neurocomputing, 2021, 461, 530-542.	3.5	34
7	AIDA: A knowledge graph about research dynamics in academia and industry. Quantitative Science Studies, 2021, 2, 1356-1398.	1.6	15
8	New trends in scientific knowledge graphs and research impact assessment. Quantitative Science Studies, 2021, 2, 1296-1300.	1.6	7
9	A decade of Semantic Web research through the lenses of a mixed methods approach. Semantic Web, 2020, 11, 979-1005.	1.1	8
10	The Computer Science Ontology: A Comprehensive Automatically-Generated Taxonomy of Research Areas. Data Intelligence, 2020, 2, 379-416.	0.8	28
11	Integrating Knowledge Graphs for Analysing Academia and Industry Dynamics. Communications in Computer and Information Science, 2020, , 219-225.	0.4	16
12	ResearchFlow: Understanding the Knowledge Flow Between Academia and Industry. Lecture Notes in Computer Science, 2020, , 219-236.	1.0	8
13	AI-KG: An Automatically Generated Knowledge Graph of Artificial Intelligence. Lecture Notes in Computer Science, 2020, , 127-143.	1.0	40
14	Ontology Extraction and Usage in the Scholarly Knowledge Domain1. Studies on the Semantic Web, 2020, , .	0.3	4
15	Reducing the effort for systematic reviews in software engineering. Data Science, 2019, 2, 311-340.	0.7	9
16	The evolution of IJHCS and CHI: A quantitative analysis. International Journal of Human Computer Studies, 2019, 131, 23-40.	3.7	14
17	Editorial: Special Issue on Scholarly Data Analysis (Semantics, Analytics, Visualisation). Data Science, 2019, 2, 177-179.	0.7	1
18	Geographical trends in academic conferences: An analysis of authors' affiliations. Data Science, 2019, 2, 181-203.	0.7	6

#	Article	IF	Citations
19	The CSO Classifier: Ontology-Driven Detection of Research Topics in Scholarly Articles. Lecture Notes in Computer Science, 2019, , 296-311.	1.0	41
20	Improving Editorial Workflow and Metadata Quality at Springer Nature. Lecture Notes in Computer Science, 2019, , 507-525.	1.0	14
21	Mining Scholarly Publications for Scientific Knowledge Graph Construction. Lecture Notes in Computer Science, 2019, , 8-12.	1.0	11
22	Ontology-Based Recommendation of Editorial Products. Lecture Notes in Computer Science, 2018, , 341-358.	1.0	16
23	AUGUR. , 2018, , .		33
24	The Computer Science Ontology: A Large-Scale Taxonomy of Research Areas. Lecture Notes in Computer Science, 2018, , 187-205.	1.0	77
25	Pragmatic Ontology Evolution: Reconciling User Requirements and Application Performance. Lecture Notes in Computer Science, 2018, , 495-512.	1.0	10
26	Geographical Trends in Research: A Preliminary Analysis on Authors' Affiliations. Lecture Notes in Computer Science, 2018, , 61-77.	1.0	1
27	Forecasting the Spreading of Technologies in Research Communities. , 2017, , .		9
28	Sustainability in software engineering. , 2017, , .		19
29	It ROCS!. , 2016, , .		2
30	Combining NLP And Semantics For Mining Software Technologies From Research Publications. , 2016, , .		1
31	Automatic Classification of Springer Nature Proceedings with Smart Topic Miner. Lecture Notes in Computer Science, 2016, , 383-399.	1.0	21
32	TechMiner: Extracting Technologies from Academic Publications. Lecture Notes in Computer Science, 2016, , 463-479.	1.0	7
33	Ontology Forecasting in Scientific Literature: Semantic Concepts Prediction Based on Innovation-Adoption Priors. Lecture Notes in Computer Science, 2016, , 51-67.	1.0	7
34	Property-based Semantic Similarity and Relatedness for Improving Recommendation Accuracy and Diversity. International Journal on Semantic Web and Information Systems, 2015, 11, 1-40.	2.2	20
35	Klink-2: Integrating Multiple Web Sources to Generate Semantic Topic Networks. Lecture Notes in Computer Science, 2015, , 408-424.	1.0	45
36	Escaping the Big Brother: An empirical study on factors influencing identification and information leakage on the Web. Journal of Information Science, 2014, 40, 180-197.	2.0	15

#	ARTICLE	IF	CITATIONS
37	Rexplore: Unveiling the dynamics of scholarly data. , 2014, , .		2
38	User data discovery and aggregation: The CS-UDD algorithm. Information Sciences, 2014, 270, 41-72.	4.0	6
39	Identifying Diachronic Topic-Based Research Communities by Clustering Shared Research Trajectories. Lecture Notes in Computer Science, 2014, , 114-129.	1.0	16
40	Understanding Research Dynamics. Communications in Computer and Information Science, 2014, , 101-107.	0.4	4
41	TellEat: Sharing Experiences on the Move. Lecture Notes in Computer Science, 2014, , 377-388.	1.0	0
42	Inferring Semantic Relations by User Feedback. Lecture Notes in Computer Science, 2014, , 339-355.	1.0	1
43	Anisotropic propagation of user interests in ontology-based user models. Information Sciences, 2013, 250, 40-60.	4.0	14
44	Exploring Scholarly Data with Rexplore. Lecture Notes in Computer Science, 2013, , 460-477.	1.0	55
45	Exploring Research Trends with Rexplore. D-Lib Magazine, 2013, 19, .	0.5	5
46	A POV-Based User Model: From Learning Preferences to Learning Personal Ontologies. Lecture Notes in Computer Science, 2013, , 376-379.	1.0	1
47	A Prismatic Cognitive Layout for Adapting Ontologies. Lecture Notes in Computer Science, 2013, , 359-362.	1.0	2
48	Granular Semantic User Similarity in the Presence of Sparse Data. Lecture Notes in Computer Science, 2013, , 385-396.	1.0	0
49	Property-Based Interest Propagation in Ontology-Based User Model. Lecture Notes in Computer Science, 2012, , 38-50.	1.0	6
50	Mining Semantic Relations between Research Areas. Lecture Notes in Computer Science, 2012, , 410-426.	1.0	30
51	A New Approach to Social Behavior Simulation: The Mask Model. Lecture Notes in Computer Science, 2011, , 97-108.	1.0	5
52	User data distributed on the social web. , 2010, , .		15
53	How are topics born? Understanding the research dynamics preceding the emergence of new areas. PeerJ Computer Science, 0, 3, e119.	2.7	28
54	Research Articles in Simplified HTML: a Web-first format for HTML-based scholarly articles. PeerJ Computer Science, 0, 3, e132.	2.7	19

#	Article	IF	Citations
55	Retrieval of Personal Public Data on Social Networks. , 0, , 137-160.		0