

Francesco Osborne

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

822
citations

566801

15
h-index

610482

24
g-index

58
all docs

58
docs citations

58
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	The Computer Science Ontology: A Large-Scale Taxonomy of Research Areas. Lecture Notes in Computer Science, 2018, , 187-205.	1.0	77
2	Exploring Scholarly Data with Rexplore. Lecture Notes in Computer Science, 2013, , 460-477.	1.0	55
3	Klink-2: Integrating Multiple Web Sources to Generate Semantic Topic Networks. Lecture Notes in Computer Science, 2015, , 408-424.	1.0	45
4	The CSO Classifier: Ontology-Driven Detection of Research Topics in Scholarly Articles. Lecture Notes in Computer Science, 2019, , 296-311.	1.0	41
5	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
6	AI-KG: An Automatically Generated Knowledge Graph of Artificial Intelligence. Lecture Notes in Computer Science, 2020, , 127-143.	1.0	40
7	Trans4E: Link prediction on scholarly knowledge graphs. Neurocomputing, 2021, 461, 530-542.	3.5	34
8	AUGUR. , 2018, , .		33
9	Mining Semantic Relations between Research Areas. Lecture Notes in Computer Science, 2012, , 410-426.	1.0	30
10	The Computer Science Ontology: A Comprehensive Automatically-Generated Taxonomy of Research Areas. Data Intelligence, 2020, 2, 379-416.	0.8	28
11	How are topics born? Understanding the research dynamics preceding the emergence of new areas. PeerJ Computer Science, 0, 3, e119.	2.7	28
12	Automatic Classification of Springer Nature Proceedings with Smart Topic Miner. Lecture Notes in Computer Science, 2016, , 383-399.	1.0	21
13	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
14	Sustainability in software engineering. , 2017, , .		19
15	Research Articles in Simplified HTML: a Web-first format for HTML-based scholarly articles. PeerJ Computer Science, 0, 3, e132.	2.7	19
16	Ontology-Based Recommendation of Editorial Products. Lecture Notes in Computer Science, 2018, , 341-358.	1.0	16
17	Integrating Knowledge Graphs for Analysing Academia and Industry Dynamics. Communications in Computer and Information Science, 2020, , 219-225.	0.4	16
18	Identifying Diachronic Topic-Based Research Communities by Clustering Shared Research Trajectories. Lecture Notes in Computer Science, 2014, , 114-129.	1.0	16

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19	Escaping the Big Brother: An empirical study on factors influencing identification and information leakage on the Web. <i>Journal of Information Science</i> , 2014, 40, 180-197.	2.0	15
20	User data distributed on the social web. , 2010, , .		15
21	AIDA: A knowledge graph about research dynamics in academia and industry. <i>Quantitative Science Studies</i> , 2021, 2, 1356-1398.	1.6	15
22	Anisotropic propagation of user interests in ontology-based user models. <i>Information Sciences</i> , 2013, 250, 40-60.	4.0	14
23	The evolution of IJHCS and CHI: A quantitative analysis. <i>International Journal of Human Computer Studies</i> , 2019, 131, 23-40.	3.7	14
24	Improving Editorial Workflow and Metadata Quality at Springer Nature. <i>Lecture Notes in Computer Science</i> , 2019, , 507-525.	1.0	14
25	Mining Scholarly Publications for Scientific Knowledge Graph Construction. <i>Lecture Notes in Computer Science</i> , 2019, , 8-12.	1.0	11
26	Pragmatic Ontology Evolution: Reconciling User Requirements and Application Performance. <i>Lecture Notes in Computer Science</i> , 2018, , 495-512.	1.0	10
27	Forecasting the Spreading of Technologies in Research Communities. , 2017, , .		9
28	Reducing the effort for systematic reviews in software engineering. <i>Data Science</i> , 2019, 2, 311-340.	0.7	9
29	A decade of Semantic Web research through the lenses of a mixed methods approach. <i>Semantic Web</i> , 2020, 11, 979-1005.	1.1	8
30	Link Prediction of Weighted Triples for Knowledge Graph Completion Within the Scholarly Domain. <i>IEEE Access</i> , 2021, 9, 116002-116014.	2.6	8
31	ResearchFlow: Understanding the Knowledge Flow Between Academia and Industry. <i>Lecture Notes in Computer Science</i> , 2020, , 219-236.	1.0	8
32	CSO Classifier 3.0: a scalable unsupervised method for classifying documents in terms of research topics. <i>International Journal on Digital Libraries</i> , 2022, 23, 91-110.	1.1	7
33	TechMiner: Extracting Technologies from Academic Publications. <i>Lecture Notes in Computer Science</i> , 2016, , 463-479.	1.0	7
34	Ontology Forecasting in Scientific Literature: Semantic Concepts Prediction Based on Innovation-Adoption Priors. <i>Lecture Notes in Computer Science</i> , 2016, , 51-67.	1.0	7
35	New trends in scientific knowledge graphs and research impact assessment. <i>Quantitative Science Studies</i> , 2021, 2, 1296-1300.	1.6	7
36	User data discovery and aggregation: The CS-UDD algorithm. <i>Information Sciences</i> , 2014, 270, 41-72.	4.0	6

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37	Geographical trends in academic conferences: An analysis of authors'™ affiliations. Data Science, 2019, 2, 181-203.	0.7	6
38	Property-Based Interest Propagation in Ontology-Based User Model. Lecture Notes in Computer Science, 2012, , 38-50.	1.0	6
39	A New Approach to Social Behavior Simulation: The Mask Model. Lecture Notes in Computer Science, 2011, , 97-108.	1.0	5
40	Exploring Research Trends with Rexplore. D-Lib Magazine, 2013, 19, .	0.5	5
41	Understanding Research Dynamics. Communications in Computer and Information Science, 2014, , 101-107.	0.4	4
42	Ontology Extraction and Usage in the Scholarly Knowledge Domain1. Studies on the Semantic Web, 2020, , .	0.3	4
43	Rexplore: Unveiling the dynamics of scholarly data. , 2014, , .		2
44	It ROCS!. , 2016, , .		2
45	A Prismatic Cognitive Layout for Adapting Ontologies. Lecture Notes in Computer Science, 2013, , 359-362.	1.0	2
46	Combining NLP And Semantics For Mining Software Technologies From Research Publications. , 2016, , .		1
47	Editorial: Special Issue on Scholarly Data Analysis (Semantics, Analytics, Visualisation). Data Science, 2019, 2, 177-179.	0.7	1
48	Geographical Trends in Research: A Preliminary Analysis on Authors'™ Affiliations. Lecture Notes in Computer Science, 2018, , 61-77.	1.0	1
49	A POV-Based User Model: From Learning Preferences to Learning Personal Ontologies. Lecture Notes in Computer Science, 2013, , 376-379.	1.0	1
50	Inferring Semantic Relations by User Feedback. Lecture Notes in Computer Science, 2014, , 339-355.	1.0	1
51	Editorial of the Special Issue on Deep Learning and Knowledge Graphs. Semantic Web, 2022, 13, 293-297.	1.1	1
52	The AIDA Dashboard: A Web Application for Assessing and Comparing Scientific Conferences. IEEE Access, 2022, 10, 39471-39486.	2.6	1
53	Granular Semantic User Similarity in the Presence of Sparse Data. Lecture Notes in Computer Science, 2013, , 385-396.	1.0	0
54	TellEat: Sharing Experiences on the Move. Lecture Notes in Computer Science, 2014, , 377-388.	1.0	0

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