Francesco Cauteruccio

List of Publications by Year
in descending order

30 papers	375 citations	10 h-index
31 all docs	31 docs citations	31 times ranked

933447

839539

18 g-index
296 citing authors

#	Article	IF	Citations
1	Investigating Reddit to detect subreddit and author stereotypes and to evaluate author assortativity. Journal of Information Science, 2022, 48, 783-810.	3.3	10
2	Extraction and analysis of text patterns from NSFW adult content in Reddit. Data and Knowledge Engineering, 2022, 138, 101979.	3.4	10
3	Alignment of Microarray Data. Methods in Molecular Biology, 2022, 2401, 217-237.	0.9	2
4	A framework for anomaly detection and classification in Multiple IoT scenarios. Future Generation Computer Systems, 2021, 114, 322-335.	7.5	67
5	A Logic-Based Framework Leveraging Neural Networks for Studying the Evolution of Neurological Disorders. Theory and Practice of Logic Programming, 2021, 21, 80-124.	1.5	14
6	How Dramatic Events Can Affect Emotionality in Social Posting: The Impact of COVID-19 on Reddit. Future Internet, 2021, 13, 29.	3.8	27
7	Enhanced air quality prediction by edge-based spatiotemporal data preprocessing. Computers and Electrical Engineering, 2021, 96, 107572.	4.8	29
8	An Answer Set Programming Based Framework for High-Utility Pattern Mining Extended with Facets and Advanced Utility Functions. Lecture Notes in Computer Science, 2021, , 126-141.	1.3	0
9	Generalizing identity-based string comparison metrics: Framework and techniques. Knowledge-Based Systems, 2020, 187, 104820.	7.1	22
10	An approach to compute the scope of a social object in a Multi-IoT scenario. Pervasive and Mobile Computing, 2020, 67, 101223.	3.3	27
11	A Lightweight Approach to Extract Interschema Properties from Structured, Semi-Structured and Unstructured Sources in a Big Data Scenario. International Journal of Information Technology and Decision Making, 2020, 19, 849-889.	3.9	7
12	A General Approach to Uniformly Handle Different String Metrics Based on Heterogeneous Alphabets. IEEE Access, 2020, 8, 45231-45243.	4.2	1
13	Algorithms for Strings and Sequences: Searching Motifs. , 2019, , 15-21.		0
14	A new network-based approach to investigating neurological disorders. International Journal of Data Mining, Modelling and Management, 2019, 11, 315.	0.1	1
15	Short-long term anomaly detection in wireless sensor networks based on machine learning and multi-parameterized edit distance. Information Fusion, 2019, 52, 13-30.	19.1	80
16	Applying Network Analysis for Extracting Knowledge About Environment Changes from Heterogeneous Sensor Data Streams. Smart Innovation, Systems and Technologies, 2019, , 179-190.	0.6	0
17	Using Sentiment Analysis and Automated Reasoning to Boost Smart Lighting Systems. Lecture Notes in Computer Science, 2019, , 69-78.	1.3	1
18	A new network-based approach to investigating neurological disorders. International Journal of Data Mining, Modelling and Management, 2019, 11, 315.	0.1	1

#	Article	IF	Citations
19	How Metadata Can Support the Study of Neurological Disorders: An Application to the Alzheimer's Disease. Communications in Computer and Information Science, 2018, , 153-164.	0.5	0
20	High Performance Computation for the Multi-Parameterized Edit Distance. , 2018, , .		2
21	Mixing Logic Programming and Neural Networks to Support Neurological Disorders Analysis. Lecture Notes in Computer Science, 2018, , 33-47.	1.3	4
22	Integrating QuickBundles into a Model-Guided Approach for Extracting "Anatomically-Coherent"and "Symmetry-Aware"White Matter Fiber-Bundles. Smart Innovation, Systems and Technologies, 2018, , 39-46.	0.6	0
23	A multisensor data fusion algorithm using the hidden correlations in Multiapplication Wireless Sensor data streams. , 2017, , .		13
24	Improving QuickBundles to Extract Anatomically Coherent White Matter Fiber-Bundles. Lecture Notes in Computer Science, 2016, , 633-641.	1.3	3
25	An automated string-based approach to extracting and characterizing White Matter fiber-bundles. Computers in Biology and Medicine, 2016, 77, 64-75.	7.0	15
26	An automated string-based approach to White Matter fiber-bundles clustering. , 2015, , .		10
27	A Model-Guided String-Based Approach to White Matter Fiber-Bundles Extraction. Lecture Notes in Computer Science, 2015, , 135-144.	1.3	13
28	Discovery of Hidden Correlations between Heterogeneous Wireless Sensor Data Streams. Lecture Notes in Computer Science, 2014, , 383-395.	1.3	12
29	A Domain Meta-wrapper Using Seeds for Intelligent Author List Extraction in the Domain of Scholarly Articles. Lecture Notes in Computer Science, 2013, , 309-314.	1.3	1
30	Representation, detection and usage of the content semantics of comments in a social platform. Journal of Information Science, 0, , 016555152210876.	3.3	3