

Francesco Cauteruccio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1628920/publications.pdf>

Version: 2024-02-01

30
papers

375
citations

933447

10
h-index

839539

18
g-index

31
all docs

31
docs citations

31
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-long term anomaly detection in wireless sensor networks based on machine learning and multi-parameterized edit distance. <i>Information Fusion</i> , 2019, 52, 13-30.	19.1	80
2	A framework for anomaly detection and classification in Multiple IoT scenarios. <i>Future Generation Computer Systems</i> , 2021, 114, 322-335.	7.5	67
3	Enhanced air quality prediction by edge-based spatiotemporal data preprocessing. <i>Computers and Electrical Engineering</i> , 2021, 96, 107572.	4.8	29
4	An approach to compute the scope of a social object in a Multi-IoT scenario. <i>Pervasive and Mobile Computing</i> , 2020, 67, 101223.	3.3	27
5	How Dramatic Events Can Affect Emotionality in Social Posting: The Impact of COVID-19 on Reddit. <i>Future Internet</i> , 2021, 13, 29.	3.8	27
6	Generalizing identity-based string comparison metrics: Framework and techniques. <i>Knowledge-Based Systems</i> , 2020, 187, 104820.	7.1	22
7	An automated string-based approach to extracting and characterizing White Matter fiber-bundles. <i>Computers in Biology and Medicine</i> , 2016, 77, 64-75.	7.0	15
8	A Logic-Based Framework Leveraging Neural Networks for Studying the Evolution of Neurological Disorders. <i>Theory and Practice of Logic Programming</i> , 2021, 21, 80-124.	1.5	14
9	A multisensor data fusion algorithm using the hidden correlations in Multiapplication Wireless Sensor data streams. , 2017, , .		13
10	A Model-Guided String-Based Approach to White Matter Fiber-Bundles Extraction. <i>Lecture Notes in Computer Science</i> , 2015, , 135-144.	1.3	13
11	Discovery of Hidden Correlations between Heterogeneous Wireless Sensor Data Streams. <i>Lecture Notes in Computer Science</i> , 2014, , 383-395.	1.3	12
12	An automated string-based approach to White Matter fiber-bundles clustering. , 2015, , .		10
13	Investigating Reddit to detect subreddit and author stereotypes and to evaluate author assortativity. <i>Journal of Information Science</i> , 2022, 48, 783-810.	3.3	10
14	Extraction and analysis of text patterns from NSFW adult content in Reddit. <i>Data and Knowledge Engineering</i> , 2022, 138, 101979.	3.4	10
15	A Lightweight Approach to Extract Interschema Properties from Structured, Semi-Structured and Unstructured Sources in a Big Data Scenario. <i>International Journal of Information Technology and Decision Making</i> , 2020, 19, 849-889.	3.9	7
16	Mixing Logic Programming and Neural Networks to Support Neurological Disorders Analysis. <i>Lecture Notes in Computer Science</i> , 2018, , 33-47.	1.3	4
17	Improving QuickBundles to Extract Anatomically Coherent White Matter Fiber-Bundles. <i>Lecture Notes in Computer Science</i> , 2016, , 633-641.	1.3	3
18	Representation, detection and usage of the content semantics of comments in a social platform. <i>Journal of Information Science</i> , 0, , 016555152210876.	3.3	3

#	ARTICLE	IF	CITATIONS
19	High Performance Computation for the Multi-Parameterized Edit Distance. , 2018, , .		2
20	Alignment of Microarray Data. Methods in Molecular Biology, 2022, 2401, 217-237.	0.9	2
21	A new network-based approach to investigating neurological disorders. International Journal of Data Mining, Modelling and Management, 2019, 11, 315.	0.1	1
22	A General Approach to Uniformly Handle Different String Metrics Based on Heterogeneous Alphabets. IEEE Access, 2020, 8, 45231-45243.	4.2	1
23	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
24	Using Sentiment Analysis and Automated Reasoning to Boost Smart Lighting Systems. Lecture Notes in Computer Science, 2019, , 69-78.	1.3	1
25	A new network-based approach to investigating neurological disorders. International Journal of Data Mining, Modelling and Management, 2019, 11, 315.	0.1	1
26	How Metadata Can Support the Study of Neurological Disorders: An Application to the Alzheimerâ€™s Disease. Communications in Computer and Information Science, 2018, , 153-164.	0.5	0
27	Algorithms for Strings and Sequences: Searching Motifs. , 2019, , 15-21.		0
28	Integrating QuickBundles into a Model-Guided Approach for Extracting â€œAnatomically-Coherentâ€ and â€œSymmetry-Awareâ€ White Matter Fiber-Bundles. Smart Innovation, Systems and Technologies, 2018, , 39-46.	0.6	0
29	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
30	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