

Sergio Consoli

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

716
citations

686830

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676716

22
g-index

73
all docs

73
docs citations

73
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasting with Economic News. Journal of Business and Economic Statistics, 2023, 41, 708-719.	1.8	17
2	Forecasting the IBEX-35 Stock Index Using Deep Learning and News Emotions. Lecture Notes in Computer Science, 2022, , 308-323.	1.0	1
3	Fine-grained, aspect-based sentiment analysis on economic and financial lexicon. Knowledge-Based Systems, 2022, 247, 108781.	4.0	29
4	Statistical arbitrage powered by Explainable Artificial Intelligence. Expert Systems With Applications, 2022, 206, 117763.	4.4	7
5	An eXplainable Artificial Intelligence tool for statistical arbitrage. Software Impacts, 2022, 14, 100354.	0.8	3
6	Reduced Variable Neighbourhood Search for the Generation of Controlled Circular Data. Lecture Notes in Computer Science, 2021, , 83-98.	1.0	0
7	Exploring the Predictive Power of News and Neural Machine Learning Models for Economic Forecasting. Lecture Notes in Computer Science, 2021, , 135-149.	1.0	2
8	Information Extraction From the GDELT Database to Analyse EU Sovereign Bond Markets. Lecture Notes in Computer Science, 2021, , 55-67.	1.0	0
9	Explainable Machine Learning Exploiting News and Domain-Specific Lexicon for Stock Market Forecasting. IEEE Access, 2021, 9, 30193-30205.	2.6	41
10	Event detection in finance using hierarchical clustering algorithms on news and tweets. PeerJ Computer Science, 2021, 7, e438.	2.7	10
11	Emotions in macroeconomic news and their impact on the European bond market. Journal of International Money and Finance, 2021, 118, 102472.	1.3	11
12	Data Science Technologies in Economics and Finance: A Gentle Walk-In. , 2021, , 1-17.		2
13	Ensembling and Dynamic Asset Selection for Risk-Controlled Statistical Arbitrage. IEEE Access, 2021, 9, 29942-29959.	2.6	14
14	Data Science for Economics and Finance. , 2021, , .		12
15	On Neural Forecasting and News Emotions: The Case of the Spanish Stock Market. Communications in Computer and Information Science, 2021, , 189-194.	0.4	1
16	A Big Data framework based on Apache Spark for Industry-specific Lexicon Generation for Stock Market Prediction. , 2021, , .		0
17	Improved metaheuristics for the quartet method of hierarchical clustering. Journal of Global Optimization, 2020, 78, 241-270.	1.1	4
18	Big Data Financial Sentiment Analysis in the European Bond Markets. Lecture Notes in Computer Science, 2020, , 122-126.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Monitoring the Business Cycle with Fine-Grained, Aspect-Based Sentiment Extraction from News. Lecture Notes in Computer Science, 2020, , 101-106.	1.0	7
20	Dynamic Industry-Specific Lexicon Generation for Stock Market Forecast. Lecture Notes in Computer Science, 2020, , 162-176.	1.0	4
21	Using the GDELT Dataset to Analyse the Italian Sovereign Bond Market. Lecture Notes in Computer Science, 2020, , 190-202.	1.0	1
22	SmartPHIL. , 2020, , .		0
23	HawkEye: a Visual Framework for Agile Cross-Validation of Deep Learning Approaches in Financial Forecasting. , 2020, , .		0
24	Fine-grained, aspect-based semantic sentiment analysis within the economic and financial domains. , 2020, , .		1
25	A Recommender System of Medical Reports Leveraging Cognitive Computing and Frame Semantics. Intelligent Systems Reference Library, 2019, , 7-30.	1.0	13
26	Introduction to Classification Algorithms and Their Performance Analysis Using Medical Examples. , 2019, , 39-73.		3
27	Evolutionary Construction of Convolutional Neural Networks. Lecture Notes in Computer Science, 2019, , 293-304.	1.0	1
28	Analysis of Topic Propagation in Therapy Sessions Using Partially Labeled Latent Dirichlet Allocation. Lecture Notes in Computer Science, 2019, , 59-75.	1.0	0
29	Data Science for Healthcare. , 2019, , .		17
30	Data Science in Healthcare: Benefits, Challenges and Opportunities. , 2019, , 3-38.		18
31	Data Visualization in Clinical Practice. , 2019, , 289-304.		2
32	An exact algorithm for the minimum quartet tree cost problem. 4or, 2019, 17, 401-425.	1.0	1
33	Improved Variable Neighbourhood Search Heuristic for Quartet Clustering. Lecture Notes in Computer Science, 2019, , 1-12.	1.0	1
34	Artificial Intelligence in Clinical Health Care Applications: Viewpoint. Interactive Journal of Medical Research, 2019, 8, e12100.	0.6	42
35	Improving Clinical Subjects Clustering by Learning and Optimizing Feature Weights. Lecture Notes in Computer Science, 2019, , 305-316.	1.0	0
36	Improving Support Vector Machines Performance Using Local Search. Lecture Notes in Computer Science, 2018, , 16-28.	1.0	1

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37	A quartet method based on variable neighborhood search for biomedical literature extraction and clustering. <i>International Transactions in Operational Research</i> , 2017, 24, 537-558.	1.8	10
38	Comparison of metaheuristics for the k -labeled spanning forest problem. <i>International Transactions in Operational Research</i> , 2017, 24, 559-582.	1.8	4
39	Producing Linked Data for Smart Cities: The Case of Catania. <i>Big Data Research</i> , 2017, 7, 1-15.	2.6	29
40	A local search approach for generating directional data. <i>Intelligent Data Analysis</i> , 2016, 20, 439-453.	0.4	1
41	From hyperlinks to Semantic Web properties using Open Knowledge Extraction. <i>Semantic Web</i> , 2016, 7, 351-378.	1.1	14
42	Merging open knowledge extracted from text with MERGILO. <i>Knowledge-Based Systems</i> , 2016, 108, 155-167.	4.0	6
43	An Innovative, Open, Interoperable Citizen Engagement Cloud Platform for Smart Government and Users' Interaction. <i>Journal of the Knowledge Economy</i> , 2016, 7, 388-412.	2.7	34
44	Variable neighbourhood search for the k -labelled spanning forest problem. <i>Electronic Notes in Discrete Mathematics</i> , 2015, 47, 29-36.	0.4	2
45	A Smart City Data Model based on Semantics Best Practice and Principles. , 2015, , .		28
46	Semantic reconciliation of knowledge extracted from text through a novel machine reader. , 2015, , .		3
47	Sentilo: Frame-Based Sentiment Analysis. <i>Cognitive Computation</i> , 2015, 7, 211-225.	3.6	56
48	Solving the minimum labelling spanning tree problem by intelligent optimization. <i>Applied Soft Computing Journal</i> , 2015, 28, 440-452.	4.1	11
49	A VNS-based quartet algorithm for biomedical literature clustering. <i>Electronic Notes in Discrete Mathematics</i> , 2015, 47, 13-20.	0.4	3
50	Extracting knowledge from text using SHELDON, a Semantic Holistic framework for Linked Ontology data. , 2015, , .		9
51	An Urban Fault Reporting and Management Platform for Smart Cities. , 2015, , .		9
52	Using FRED for Named Entity Resolution, Linking and Typing for Knowledge Base Population. <i>Communications in Computer and Information Science</i> , 2015, , 40-50.	0.4	13
53	Energy Efficiency Using the Fast Reroute Technique. , 2015, , 7096-7105.		0
54	Legalog: Revealing the Semantics of Links. <i>Lecture Notes in Computer Science</i> , 2015, , 140-144.	1.0	0

#	ARTICLE	IF	CITATIONS
55	Geolinked Open Data for the Municipality of Catania. , 2014, , .		11
56	A Semantic Web Based Core Engine to Efficiently Perform Sentiment Analysis. Lecture Notes in Computer Science, 2014, , 245-248.	1.0	12
57	Setting the Course of Emergency Vehicle Routing Using Geolinked Open Data for the Municipality of Catania. Lecture Notes in Computer Science, 2014, , 42-53.	1.0	6
58	Uncovering the Semantics of Wikipedia Pagelinks. Lecture Notes in Computer Science, 2014, , 413-428.	1.0	21
59	Intelligent variable neighbourhood search for the minimum labelling spanning tree problem. Electronic Notes in Discrete Mathematics, 2013, 41, 399-406.	0.4	3
60	The development and application of metaheuristics for problems in graph theory: a computational study. 4or, 2012, 10, 319-320.	1.0	0
61	Solving the minimum labelling spanning tree problem using hybrid local search. Electronic Notes in Discrete Mathematics, 2012, 39, 75-82.	0.4	10
62	Discrete Particle Swarm Optimization for the minimum labelling Steiner tree problem. Natural Computing, 2010, 9, 29-46.	1.8	46
63	Heuristic Approaches for the Quartet Method of Hierarchical Clustering. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1428-1443.	4.0	13
64	Variable neighbourhood search for the minimum labelling Steiner tree problem. Annals of Operations Research, 2009, 172, 71-96.	2.6	24
65	Greedy Randomized Adaptive Search and Variable Neighbourhood Search for the minimum labelling spanning tree problem. European Journal of Operational Research, 2009, 196, 440-449.	3.5	31
66	Discrete Particle Swarm Optimization for the Minimum Labelling Steiner Tree Problem. Studies in Computational Intelligence, 2008, , 313-322.	0.7	21
67	Fine-Grained, Aspect-Based Sentiment Analysis on Economic and Financial Lexicon. SSRN Electronic Journal, 0, , .	0.4	5
68	Forecasting with Economic News. SSRN Electronic Journal, 0, , .	0.4	6
69	Neural forecasting of the Italian sovereign bond market with economic news. Journal of the Royal Statistical Society Series A: Statistics in Society, 0, , .	0.6	2