

Vincenzina Messina

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,050
citations

623574

14
h-index

526166

27
g-index

82
all docs

82
docs citations

82
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
1	Sentiment analysis: Bayesian Ensemble Learning. Decision Support Systems, 2014, 68, 26-38.	3.5	150
2	Computational solution of capacity planning models under uncertainty. Parallel Computing, 2000, 26, 511-538.	1.3	106
3	Genetic programming for computational pharmacokinetics in drug discovery and development. Genetic Programming and Evolvable Machines, 2007, 8, 413-432.	1.5	67
4	Challenges of Sentiment Analysis in Social Networks. , 2017, , 1-11.		60
5	Expressive signals in social media languages to improve polarity detection. Information Processing and Management, 2016, 52, 20-35.	5.4	50
6	Detecting irony and sarcasm in microblogs: The role of expressive signals and ensemble classifiers. , 2015, , .		38
7	An integrated communications framework for context aware continuous monitoring with body sensor networks. IEEE Journal on Selected Areas in Communications, 2009, 27, 379-386.	9.7	37
8	Genetic programming for human oral bioavailability of drugs. , 2006, , .		34
9	LearningToAdapt with word embeddings: Domain adaptation of Named Entity Recognition systems. Information Processing and Management, 2021, 58, 102537.	5.4	32
10	Modelling and analysis of multistage stochastic programming problems: A software environment. European Journal of Operational Research, 1997, 101, 343-359.	3.5	27
11	Approval network: a novel approach for sentiment analysis in social networks. World Wide Web, 2017, 20, 831-854.	2.7	21
12	Improving leakage management in urban water distribution networks through data analytics and hydraulic simulation. WIT Transactions on Ecology and the Environment, 2013, , .	0.0	21
13	Soft-constrained inference for Named Entity Recognition. Information Processing and Management, 2014, 50, 807-819.	5.4	20
14	Earthquake management: a decision support system based on natural language processing. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 37-45.	3.3	20
15	Audio-Based Emotion Recognition in Judicial Domain: A Multilayer Support Vector Machines Approach. Lecture Notes in Computer Science, 2009, , 594-602.	1.0	16
16	Uncertainty and Option Value in Land Allocation Problems. Annals of Operations Research, 2003, 124, 165-181.	2.6	15
17	Hidden Markov models for scenario generation. IMA Journal of Management Mathematics, 2007, 19, 379-401.	1.1	15
18	Emotional states in judicial courtrooms: An experimental investigation. Speech Communication, 2012, 54, 11-22.	1.6	15

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19	A p-Median approach for predicting drug response in tumour cells. BMC Bioinformatics, 2014, 15, 353.	1.2	15
20	An Interactive Method for Inferring Demographic Attributes in Twitter. , 2015, , .		15
21	Deep Learning and Ensemble Methods for Domain Adaptation. , 2016, , .		15
22	Enhancing web page classification through image-block importance analysis. Information Processing and Management, 2008, 44, 1431-1447.	5.4	13
23	A probabilistic relational approach for web document clustering. Information Processing and Management, 2010, 46, 117-130.	5.4	12
24	Unsupervised Irony Detection: A Probabilistic Model with Word Embeddings. , 2016, , .		12
25	Legal retrieval as support to eMediation: matching disputantâ€™s case and court decisions. Artificial Intelligence and Law, 2015, 23, 1-22.	3.0	11
26	Constrained Relational Topic Models. Information Sciences, 2020, 512, 581-594.	4.0	11
27	Integrating stochastic programming and decision tree techniques in land conversion problems. Annals of Operations Research, 2006, 142, 243-258.	2.6	10
28	Enhance User-Level Sentiment Analysis on Microblogs with Approval Relations. Lecture Notes in Computer Science, 2013, , 133-144.	1.0	10
29	A statistical generalized programming algorithm for stochastic optimization problems. Annals of Operations Research, 1995, 58, 295-321.	2.6	9
30	SECTORIZATION AND ANALYTICAL LEAKS LOCALIZATION IN THE H2OLEAK PROJECT: CLUSTERING-BASED SERVICES FOR SUPPORTING WATER DISTRIBUTION NETWORKS MANAGEMENT. Environmental Engineering and Management Journal, 2012, 11, 953-962.	0.2	9
31	CAGE: Constrained deep Attributed Graph Embedding. Information Sciences, 2020, 518, 56-70.	4.0	8
32	IKNOS: inference and knowledge in networks of sensors. International Journal of Sensor Networks, 2010, 8, 209.	0.2	7
33	A Particle Filtering Approach for Tracking an Unknown Number of Objects with Dynamic Relations. Mathematical Modelling and Algorithms, 2014, 13, 3-21.	0.5	7
34	Graph models and mathematical programming in biochemical network analysis and metabolic engineering design. Computers and Mathematics With Applications, 2008, 55, 970-983.	1.4	6
35	Automated Rehabilitation Exercises Assessment in Wearable Sensor Data Streams. , 2018, , .		6
36	Relational Dynamic Bayesian Networks to Improve Multi-target Tracking. Lecture Notes in Computer Science, 2009, , 528-539.	1.0	5

#	ARTICLE	IF	CITATIONS
37	Subject-Dependent Physical Activity Recognition Model Framework with a Semi-supervised Clustering Approach. , 2013, , .		5
38	Exploiting social data for tourism management: the SMARTCAL project. Quality and Quantity, 2020, , 1.	2.0	5
39	Word Embedding-Based Topic Similarity Measures. Lecture Notes in Computer Science, 2021, , 33-45.	1.0	5
40	A Latent Representation Model for Sentiment Analysis in Heterogeneous Social Networks. Lecture Notes in Computer Science, 2015, , 201-213.	1.0	5
41	Call planning in European pharmaceutical sales force management. IMA Journal of Management Mathematics, 2010, 21, 267-280.	1.1	4
42	ANALYTICS FOR SUPPORTING URBAN WATER MANAGEMENT. Environmental Engineering and Management Journal, 2013, 12, 875-881.	0.2	4
43	Decomposition Methods for Network Optimization Problems in the Presence of Uncertainty. Lecture Notes in Economics and Mathematical Systems, 1997, , 234-248.	0.3	4
44	Optimization technologies and environmental applications. IMA Journal of Management Mathematics, 2002, 13, 167-185.	1.1	3
45	The Value of Flexibility: Preservation, Remediation, or Development for Ginostra?. Environmental and Resource Economics, 2004, 29, 219-229.	1.5	3
46	Classifying and Counting Vehicles in Traffic Control Applications. Lecture Notes in Computer Science, 2006, , 495-499.	1.0	3
47	Granular modeling of web documents. , 2008, , .		3
48	Probabilistic Relational Models with Relational Uncertainty: An Early Study in Web Page Classification. , 2009, , .		3
49	A machine learning approach for generating temporal logic classifications of complex model behaviours. , 2012, , .		3
50	WEB PAGE CLASSIFICATION THROUGH PROBABILISTIC RELATIONAL MODELS. International Journal of Pattern Recognition and Artificial Intelligence, 2013, 27, 1350013.	0.7	3
51	Named Entities in Judicial Transcriptions: Extended Conditional Random Fields. Lecture Notes in Computer Science, 2013, , 317-328.	1.0	3
52	Towards adaptation of named entity classification. , 2017, , .		3
53	UNIMIB@NEEL-IT : Named Entity Recognition and Linking of Italian Tweets. , 2016, , 54-59.		3
54	Word Embeddings for Unsupervised Named Entity Linking. Lecture Notes in Computer Science, 2019, , 115-132.	1.0	3

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55	Relational clustering and Bayesian networks for linking gene expression profiles and drug activity patterns. , 2009, , .		2
56	A Mathematical Model for Optimal Functional Disruption of Biochemical Networks. Mathematical Modelling and Algorithms, 2010, 9, 19-37.	0.5	2
57	A new clustering approach for learning transcriptional modules. International Journal of Data Mining and Bioinformatics, 2012, 6, 304.	0.1	2
58	Efficient Kernel-Based Subsequence Search for Enabling Health Monitoring Services in IoT-Based Home Setting. Sensors, 2019, 19, 5192.	2.1	2
59	Adapting Named Entity Types to New Ontologies in a Microblogging Environment. Lecture Notes in Computer Science, 2018, , 783-795.	1.0	2
60	TWINE: A real-time system for TWEet analysis via INformation Extraction. , 2017, , .		2
61	Word Sense Discrimination on Tweets: A Graph-based Approach. , 2015, , .		2
62	Towards a Smooth E-Justice: Semantic Models and Machine Learning. , 2013, , 57-70.		2
63	Optimal Scenario-Tree Selection for Multistage Stochastic Programming. Lecture Notes in Computer Science, 2020, , 335-346.	1.0	2
64	Evaluation of resource allocation policies in a production line using Petri nets. Robotics and Computer-Integrated Manufacturing, 1993, 10, 413-422.	6.1	1
65	A stochastic optimization approach for robot scheduling. Annals of Operations Research, 1995, 56, 109-133.	2.6	1
66	UP-DRES User Profiling for a Dynamic REcommendation System. Lecture Notes in Computer Science, 2006, , 146-160.	1.0	1
67	Towards metabolic networks phylogeny using Petri Net-based expansional analysis. BMC Systems Biology, 2007, 1, .	3.0	1
68	A comparison of data mining approaches in the categorization of oral anticoagulation patients. , 2009, , .		1
69	Relational Bayesian Model Averaging for Sentiment Analysis in Social Networks. Lecture Notes in Computer Science, 2020, , 285-296.	1.0	1
70	Overlapping Kernel-based Community Detection with Node Attributes. , 2015, , .		1
71	AI, Machine Learning and sentiment analysis applied to financial markets and consumer markets. Computational Management Science, 2020, 17, 493-494.	0.8	1
72	A DSS for assessing the impact of environmental quality on emergency hospital admissions. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
73	The Mathematics of Filtering and Its Applications. Mathematical Modelling and Algorithms, 2014, 13, 1-2.	0.5	0
74	Named Entity Recognition: Resource Constrained Maximum Path. ITM Web of Conferences, 2017, 14, 00004.	0.4	0
75	Computers & operations research. Computers and Operations Research, 2019, 106, 154-155.	2.4	0
76	Web Page Classification: A Probabilistic Model with Relational Uncertainty. Lecture Notes in Computer Science, 2010, , 109-118.	1.0	0
77	Discovering Gene-Drug Relationships for the Pharmacology of Cancer. Communications in Computer and Information Science, 2012, , 117-126.	0.4	0