Enrico Blanzieri

List of Publications by Year
in descending order

60 papers	**1,731** citations	430874 **18** h-index	289244 **40** g-index
60 all docs	**60** docs citations	**60** times ranked	**2151** citing authors

#	Article	IF	Citations
1	A survey of learning-based techniques of email spam filtering. Artificial Intelligence Review, 2008, 29, 63-92.	15.7	278
2	Nearest Neighbor Classification of Remote Sensing Images With the Maximal Margin Principle. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 1804-1811.	6.3	216
3	Quantum Genetic Optimization. IEEE Transactions on Evolutionary Computation, 2008, 12, 231-241.	10.0	182
4	Widespread uncoupling between transcriptome and translatome variations after a stimulus in mammalian cells. BMC Genomics, 2012, 13, 220.	2.8	113
5	Gaussian Process Regression for Estimating Chlorophyll Concentration in Subsurface Waters From Remote Sensing Data. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 464-468.	3.1	110
6	A multiple classifier system for early melanoma diagnosis. Artificial Intelligence in Medicine, 2003, 27, 29-44.	6.5	99
7	Detecting potential labeling errors in microarrays by data perturbation. Bioinformatics, 2006, 22, 2114-2121.	4.1	63
8	Theories and uses of context in knowledge representation and reasoning. Journal of Pragmatics, 2003, 35, 455-484.	1.5	45
9	Protein-specific prediction of mRNA binding using RNA sequences, binding motifs and predicted secondary structures. BMC Bioinformatics, 2014, 15, 123.	2.6	45
10	How has the 9/11 terrorist attack influenced decision making?. Applied Cognitive Psychology, 2003, 17, 1113-1127.	1.6	44
11	Noise reduction for instance-based learning with a local maximal margin approach. Journal of Intelligent Information Systems, 2010, 35, 301-331.	3.9	44
12	Improving Web Service Discovery with Usage Data. IEEE Software, 2007, 24, 47-54.	1.8	37
13	Link Clustering with Extended Link Similarity and EQ Evaluation Division. PLoS ONE, 2013, 8, e66005.	2.5	33
14	Implicit. , 2005, , .		32
15	Essential protein identification based on essential protein–protein interaction prediction by Integrated Edge Weights. Methods, 2015, 83, 51-62.	3.8	25
16	Methods for labeling error detection in microarrays based on the effect of data perturbation on the regression model. Bioinformatics, 2009, 25, 2708-2714.	4.1	23
17	Probability Based Metrics for Nearest Neighbor Classification and Case-Based Reasoning. Lecture Notes in Computer Science, 1999, , 14-28.	1.3	22
18	Keyphrases Extraction from Scientific Documents: Improving Machine Learning Approaches with Natural Language Processing. Lecture Notes in Computer Science, 2010, , 102-111.	1.3	21

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19	Fast Local Support Vector Machines for Large Datasets. Lecture Notes in Computer Science, 2009, , 295-310.	1.3	19
20	Implicit: a multi-agent recommendation system for web search. Autonomous Agents and Multi-Agent Systems, 2012, 24, 141-174.	2.1	18
21	A Formal Definition of Culture. Advances in Group Decision and Negotation, 2013, , 1-26.	0.1	18
22	Land-Cover Classification of Remotely Sensed Images Using Compressive Sensing Having Severe Scarcity of Labeled Patterns. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1257-1261.	3.1	17
23	Discovering Causal Relationships in Grapevine Expression Data to Expand Gene Networks. A Case Study: Four Networks Related to Climate Change. Frontiers in Plant Science, 2018, 9, 1385.	3.6	17
24	Quantum annealing learning search for solving QUBO problems. Quantum Information Processing, 2019, 18, 1.	2.2	16
25	Vitis OneGenE: A Causality-Based Approach to Generate Gene Networks in Vitis vinifera Sheds Light on the Laccase and Dirigent Gene Families. Biomolecules, 2021, 11, 1744.	4.0	16
26	Clinical validation of an automated system for supporting the early diagnosis of melanoma. Skin Research and Technology, 2004, 10, 184-192.	1.6	15
27	Identification of Essential Proteins Based on Ranking Edge-Weights in Protein-Protein Interaction Networks. PLoS ONE, 2014, 9, e108716.	2.5	15
28	NES2RA. International Journal of High Performance Computing Applications, 2018, 32, 380-392.	3.7	13
29	Estimating Biophysical Parameters from Remotely Sensed Imagery with Gaussian Processes. , 2008, , .		12
30	Implicit Culture for Multi-agent Interaction Support. Lecture Notes in Computer Science, 2001, , 27-39.	1.3	12
31	IC-service. , 2007, , .		10
32	Local SVM approaches for fast and accurate classification of remote-sensing images. International Journal of Remote Sensing, 2012, 33, 6186-6201.	2.9	10
33	A Scalable Noise Reduction Technique for Large Case-Based Systems. Lecture Notes in Computer Science, 2009, , 328-342.	1.3	9
34	A multi-agent system that facilitates scientific publications search. , 2006, , .		6
35	About Neighborhood Counting Measure Metric and Minimum Risk Metric. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 763-765.	13.9	6
36	Operators for transforming kernels into quasi-local kernels that improve SVM accuracy. Journal of Intelligent Information Systems, 2011, 37, 155-186.	3.9	6

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37	Prokaryotic Phylogenies Inferred from Whole-Genome Sequence and Annotation Data. BioMed Research International, 2013, 2013, 1-15.	1.9	6
38	Implicit Culture-Based Personal Agents for Knowledge Management. Lecture Notes in Computer Science, 2004, , 245-261.	1.3	6
39	Ranking Aggregation Based on Belief Function. Communications in Computer and Information Science, 2012, , 511-520.	0.5	6
40	A Computing System for Discovering Causal Relationships Among Human Genes to Improve Drug Repositioning. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1667-1682.	4.6	5
41	Information access in implicit culture framework. , 2001, , .		4
42	Improved Quantum-Inspired Evolutionary Algorithm and Its Application to 3-SAT Problems. , 2008, , .		4
43	Discovering Candidates for Gene Network Expansion by Distributed Volunteer Computing. , 2015, , .		4
44	AWX: An Integrated Approach to Hierarchical-Multilabel Classification. Lecture Notes in Computer Science, 2019, , 322-336.	1.3	4
45	Learning adiabatic quantum algorithms over optimization problems. Quantum Machine Intelligence, 2021, 3, 1.	4.8	4
46	Operon prediction by Markov clustering. International Journal of Data Mining and Bioinformatics, 2014, 9, 424.	0.1	3
47	OneGenE: Regulatory Gene Network Expansion via Distributed Volunteer Computing on BOINC. , 2019, , .		3
48	Trait-Based Module for Culturally-Competent Robots. International Journal of Humanoid Robotics, 2019, 16, 1950028.	1.1	3
49	Towards the integration of computational systems biology and high-throughput data: supporting differential analysis of microarray gene expression data. Journal of Integrative Bioinformatics, 2008, 5, 57-71.	1.5	2
50	Trait-based Culture and its Organization: Developing a Culture Enabler for Artificial Agents. , 2018, , .		2
51	Stochastic Ï€-Calculus Modelling of Multisite Phosphorylation Based Signaling: The PHO Pathway in Saccharomyces Cerevisiae. Lecture Notes in Computer Science, 2008, , 163-196.	1.3	2
52	Mapping symbolic knowledge into locally receptive field networks. Lecture Notes in Computer Science, 1995, , 267-278.	1.3	2
53	The Role of Causal Beliefs in Technology-Supported Policy. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 171-176.	0.4	1
54	Essential protein identification based on essential protein-protein interaction prediction by integrated edge weights. , 2014, , .		1

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55	Supporting Tourism Culture via CBR. Lecture Notes in Computer Science, 2000, , 358-369.	1.3	1
56	A Quantum Binary Classifier based on Cosine Similarity. , 2021, , .		1
57	Implicit Culture for Information Agents. Lecture Notes in Computer Science, 2003, , 152-164.	1.3	0
58	Implicit Culture Framework for Behavior Transfer. , 2011, , 213-241.		0
59	Identification of Regulatory Binding Sites on mRNA Using in Vivo Derived Informations and SVMs. Advances in Intelligent and Soft Computing, 2012, , 33-41.	0.2	0
60	A Markov Clustering Based Link Clustering Method to Identify Overlapping Modules in Protein-Protein Interaction Networks. Current Bioinformatics, 2016, 11, 221-233.	1.5	0