

Gianni Fenu

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

1,199
citations

471061

17
h-index

476904

29
g-index

87
all docs

87
docs citations

87
times ranked

1193
citing authors

#	ARTICLE	IF	CITATIONS
1	Equality of Learning Opportunity via Individual Fairness in Personalized Recommendations. International Journal of Artificial Intelligence in Education, 2022, 32, 636-684.	3.9	14
2	Demographic Fairness in Multimodal Biometrics: A Comparative Analysis on Audio-Visual Speaker Recognition Systems. Procedia Computer Science, 2022, 198, 249-254.	1.2	4
3	Consumer Fairness in Recommender Systems: Contextualizing Definitions and Mitigations. Lecture Notes in Computer Science, 2022, , 552-566.	1.0	10
4	A Complex Networks analysis of ecological corridors classification with ECSuite. International Journal of Organizational and Collective Intelligence, 2022, 12, 0-0.	0.3	0
5	Brain Waves and Evoked Potentials as Biometric User Identification Strategy: An Affordable Low-cost Approach. , 2022, , .		1
6	A Region-based Training Data Segmentation Strategy to Credit Scoring. , 2022, , .		0
7	Regulating Group Exposure for Item Providers in Recommendation. , 2022, , .		2
8	Connecting user and item perspectives in popularity debiasing for collaborative recommendation. Information Processing and Management, 2021, 58, 102387.	5.4	65
9	Lands DSS. International Journal of Decision Support System Technology, 2021, 13, 1-13.	0.4	6
10	Forecasting Plant and Crop Disease: An Explorative Study on Current Algorithms. Big Data and Cognitive Computing, 2021, 5, 2.	2.9	62
11	ECGraph: A Complex Networks Tool to Classify Critical Points of Ecological Corridors. , 2021, , .		1
12	Using Multioutput Learning to Diagnose Plant Disease and Stress Severity. Complexity, 2021, 2021, 1-11.	0.9	28
13	Interplay between upsampling and regularization for provider fairness in recommender systems. User Modeling and User-Adapted Interaction, 2021, 31, 421-455.	2.9	34
14	DiaMOS Plant: A Dataset for Diagnosis and Monitoring Plant Disease. Agronomy, 2021, 11, 2107.	1.3	28
15	A Blockchain-Based Distributed Paradigm to Secure Localization Services. Sensors, 2021, 21, 6814.	2.1	2
16	Decomposing Training Data to Improve Network Intrusion Detection Performance. , 2021, , .		1
17	A Text Mining Approach to Extract and Rank Innovation Insights from Research Projects. Lecture Notes in Computer Science, 2020, , 143-154.	1.0	1
18	A model of second-degree Virtual Cut Nodes applied to Complex Networks in Ecological Landscape. Procedia Computer Science, 2020, 170, 123-128.	1.2	3

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19	A Two-Step Feature Space Transforming Method to Improve Credit Scoring Performance. Communications in Computer and Information Science, 2020, , 134-157.	0.4	1
20	Deep Learning Adaptation with Word Embeddings for Sentiment Analysis on Online Course Reviews. Algorithms for Intelligent Systems, 2020, , 57-83.	0.5	15
21	Artificial Intelligence Technique in Crop Disease Forecasting: A Case Study on Potato Late Blight Prediction. Smart Innovation, Systems and Technologies, 2020, , 79-89.	0.5	14
22	DSS LANDS: A Decision Support System for Agriculture in Sardinia. HighTech and Innovation Journal, 2020, 1, 129-135.	0.6	44
23	A Feature Space Transformation to Intrusion Detection Systems. , 2020, , .		0
24	A Feature Space Transformation to Intrusion Detection Systems. , 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	The Effect of Algorithmic Bias on Recommender Systems for Massive Open Online Courses. Lecture Notes in Computer Science, 2019, , 457-472.	1.0	34
27	Fraud detection for E-commerce transactions by employing a prudential Multiple Consensus model. Journal of Information Security and Applications, 2019, 46, 13-22.	1.8	46
28	Bridging learning analytics and Cognitive Computing for Big Data classification in micro-learning video collections. Computers in Human Behavior, 2019, 92, 468-477.	5.1	54
29	PhysioUnicaDB: a dataset of EEG and ECG simultaneously acquired. Pattern Recognition Letters, 2019, 126, 119-122.	2.6	6
30	An Application of Machine Learning Technique in Forecasting Crop Disease. , 2019, , .		29
31	Internet of Entities (IoE): A Blockchain-based Distributed Paradigm for Data Exchange between Wireless-based Devices. , 2019, , .		13
32	A Discretized Extended Feature Space (DEFS) Model to Improve the Anomaly Detection Performance in Network Intrusion Detection Systems. , 2019, , .		4
33	A multi-biometric system for continuous student authentication in e-learning platforms. Pattern Recognition Letters, 2018, 113, 83-92.	2.6	58
34	Connectivity analysis of ecological landscape networks by cut node ranking. Applied Network Science, 2018, 3, 22.	0.8	11
35	Have you permission to answer this phone?. , 2018, , .		7
36	A Wavelet-based Data Analysis to Credit Scoring. , 2018, , .		10

#	ARTICLE	IF	CITATIONS
37	Identification of Critical Habitat Corridor Patches by Cut Node Ranking. <i>Studies in Computational Intelligence</i> , 2018, , 620-632.	0.7	1
38	COCO: Semantic-Enriched Collection of Online Courses at Scale with Experimental Use Cases. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 1386-1396.	0.5	14
39	Semantics-aware content-based recommender systems: Design and architecture guidelines. <i>Neurocomputing</i> , 2017, 254, 79-85.	3.5	33
40	Modeling and Extending Ecological Networks Using Land Similarity. <i>Studies in Computational Intelligence</i> , 2017, , 709-718.	0.7	1
41	Functional models and extending strategies for ecological networks. <i>Applied Network Science</i> , 2017, 2, 10.	0.8	3
42	Investigating the role of the rating prediction task in granularity-based group recommender systems and big data scenarios. <i>Information Sciences</i> , 2017, 378, 424-443.	4.0	24
43	The role of social interaction on users motivation to exercise: A persuasive web framework to enhance the self-management of a healthy lifestyle. <i>Pervasive and Mobile Computing</i> , 2017, 36, 98-114.	2.1	11
44	Leveraging Continuous Multi-modal Authentication for Access Control in Mobile Cloud Environments. <i>Lecture Notes in Computer Science</i> , 2017, , 331-342.	1.0	8
45	A land similarity approach to modeling complex ecological networks. , 2016, , .		1
46	Workshop on engineering human-computer interaction in recommender systems. , 2016, , .		1
47	Topological and Conceptual Complex Network Models for Environmental Planning. <i>Procedia Computer Science</i> , 2016, 83, 123-130.	1.2	1
48	Using neural word embeddings to model user behavior and detect user segments. <i>Knowledge-Based Systems</i> , 2016, 108, 5-14.	4.0	22
49	Binary sieves: Toward a semantic approach to user segmentation for behavioral targeting. <i>Future Generation Computer Systems</i> , 2016, 64, 186-197.	4.9	9
50	A design pattern for multimodal and multidevice user interfaces. , 2016, , .		2
51	Graph Models of Network Behavior in Environmental Planning. <i>Procedia Computer Science</i> , 2016, 96, 73-80.	1.2	3
52	Reconstructing User's Attention on the Web through Mouse Movements and Perception-Based Content Identification. <i>ACM Transactions on Applied Perception</i> , 2016, 13, 1-21.	1.2	14
53	Discovery and representation of the preferences of automatically detected groups: Exploiting the link between group modeling and clustering. <i>Future Generation Computer Systems</i> , 2016, 64, 165-174.	4.9	37
54	Keep the Beat: Audio Guidance for Runner Training. <i>Lecture Notes in Computer Science</i> , 2016, , 246-257.	1.0	3

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55	Predicting the Impact of Advertisements on Web Pages Aesthetic Impressions. Advances in Intelligent Systems and Computing, 2016, , 305-316.	0.5	0
56	A Mobile Application for Leaf Detection in Complex Background Using Saliency Maps. Lecture Notes in Computer Science, 2016, , 570-581.	1.0	1
57	Modeling user interactions for conversion rate prediction in M-Commerce. , 2015, , .		0
58	An Analysis of Features and Tendencies in Mobile Banking Apps. Procedia Computer Science, 2015, 56, 26-33.	1.2	18
59	Evaluating complex network indices for vulnerability analysis of a territorial power grid. Journal of Ambient Intelligence and Humanized Computing, 2015, 6, 297-306.	3.3	11
60	An analysis of native apps for mobile banking. , 2015, , .		0
61	Distributable Interface Design for Web Applications. Lecture Notes in Computer Science, 2015, , 25-35.	1.0	0
62	Urinary metabolomics (GC-MS) reveals that low and high birth weight infants share elevated inositol concentrations at birth. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 20-26.	0.7	34
63	A gestural concrete user interface in MARIA. , 2014, , .		0
64	IceTT. , 2014, , .		3
65	The urinary metabolomics profile of an Italian autistic children population and their unaffected siblings. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 46-52.	0.7	98
66	A Model of Assessment of Collateral Damage on Power Grids based on Complex Network Theory. Procedia Computer Science, 2014, 32, 437-444.	1.2	2
67	Experiences from a Long Run with a Virtual Personal Trainer. Lecture Notes in Computer Science, 2014, , 601-612.	1.0	0
68	An emerging complex network approach for grid analysis. , 2013, , .		0
69	GestIT. , 2013, , .		33
70	White Paper on Industrial Applications of Computer Vision and Pattern Recognition. Lecture Notes in Computer Science, 2013, , 721-730.	1.0	14
71	Circlebook: Visual Display of Friend Proximity. Lecture Notes in Computer Science, 2013, , 129-142.	1.0	0
72	A complex network approach for a regional power grid analysis. , 2012, , .		1

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73	Network-adaptive management of computation energy in wireless sensor networks. , 2010, , .		5
74	IMU based post-traumatic rehabilitation assessment. , 2010, , .		8
75	An Optimized Cost-Benefit Analysis for the Evaluation in E-Learning Services. Communications in Computer and Information Science, 2010, , 215-225.	0.4	0
76	RFID- based supply chain traceability system. , 2009, , .		8
77	XESS — Extended e-learning support system. , 2009, , .		0
78	A real time financial system based on grid and cloud computing. , 2009, , .		13
79	A Cloud Computing Based Real Time Financial System. , 2009, , .		9
80	Two methods for body parameter analysis using Body Sensor Networks. , 2009, , .		5
81	Safe, Fault Tolerant and Capture-Resilient Environmental Parameters Survey Using WSNs. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 180-189.	0.2	1
82	An approach to a Cloud Computing network. , 2008, , .		115
83	Analysis of Internet Policies and Civil Rights In Italy, Serbia and Burma-Myanmar: A Technological and Legal Approach. , 2008, , .		0
84	A Portable Wireless-Based Architecture for Solving Minimum Digital Divide Problems. , 2008, , .		0
85	A WIRELESS-BASED SYSTEM FOR AN INTERACTIVE APPROACH TO MEDICAL PARAMETERS EXCHANGE. , 2003, , .		0
86	Local vs. Global. Advances in Computational Intelligence and Robotics Book Series, 0, , 187-205.	0.4	0