Eloisa Vargiu

List of Publications by Year
in descending order

48 papers	419 citations	1039406 9 h-index	887659 17 g-index
53 all docs	53 docs citations	53 times ranked	574 citing authors

#	Article	IF	Citations
1	Empowering the Citizen in the Main Pillars of Health by Using IoT. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 37-53.	0.2	3
2	Developing an ML pipeline for asthma and COPD: The case of a Dutch primary care service. International Journal of Intelligent Systems, 2021, 36, 6763-6790.	3.3	1
3	Implementing mHealth-Enabled Integrated Care for Complex Chronic Patients With Osteoarthritis Undergoing Primary Hip or Knee Arthroplasty: Prospective, Two-Arm, Parallel Trial. Journal of Medical Internet Research, 2021, 23, e28320.	2.1	17
4	Implementing Mobile Health—Enabled Integrated Care for Complex Chronic Patients: Intervention Effectiveness and Cost-Effectiveness Study. JMIR MHealth and UHealth, 2021, 9, e22135.	1.8	24
5	Management and Treatment of Patients With Obstructive Sleep Apnea Using an Intelligent Monitoring System Based on Machine Learning Aiming to Improve Continuous Positive Airway Pressure Treatment Compliance: Randomized Controlled Trial. Journal of Medical Internet Research, 2021, 23, e24072.	2.1	12
6	Data-driven user behavioral modeling: from real-world behavior to knowledge, algorithms, and systems. Journal of Intelligent Information Systems, 2020, 54, 1-4.	2.8	4
7	Integrated Care Intervention Supported by a Mobile Health Tool for Patients Using Noninvasive Ventilation at Home: Randomized Controlled Trial. JMIR MHealth and UHealth, 2020, 8, e16395.	1.8	9
8	Implementing Mobile Health—Enabled Integrated Care for Complex Chronic Patients: Patients and Professionals' Acceptability Study. JMIR MHealth and UHealth, 2020, 8, e22136.	1.8	13
9	Monitoring of upper-limb movements through inertial sensors – Preliminary results. Smart Health, 2019, 13, 100059.	2.0	10
10	Evaluation of integrated care services in Catalonia: population-based and service-based real-life deployment protocols. BMC Health Services Research, 2019, 19, 370.	0.9	31
11	A qualitative study adopting a user-centered approach to design and validate a brain computer interface for cognitive rehabilitation for people with brain injury. Assistive Technology, 2018, 30, 233-241.	1.2	23
12	Comparative analysis of predictive methods for early assessment of compliance with continuous positive airway pressure therapy. BMC Medical Informatics and Decision Making, 2018, 18, 81.	1.5	9
13	Ambient Intelligence by ATML Rules in BackHome. Studies in Computational Intelligence, 2018, , 31-54.	0.7	1
14	Protocol for regional implementation of community-based collaborative management of complex chronic patients. Npj Primary Care Respiratory Medicine, 2017, 27, 44.	1.1	10
15	Monitoring and Supporting People that Need Assistance: The BackHome Experience. Studies in Computational Intelligence, 2017, , 79-96.	0.7	2
16	A Multifunctional Brain-Computer Interface Intended for Home Use: An Evaluation with Healthy Participants and Potential End Users with Dry and Gel-Based Electrodes. Frontiers in Neuroscience, 2017, 11, 286.	1.4	38
17	The Relevance of Providing Useful and Personalized Information to Therapists and Caregivers in Tele*. Studies in Computational Intelligence, 2017, , 97-117.	0.7	2
18	Engineering IoT Systems Through Agent Abstractions: Smart Healthcare as a Case Study. Lecture Notes in Computer Science, 2017, , 25-39.	1.0	0

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19	Towards an Intelligent Monitoring System for Patients with Obstrusive Sleep Apnea. EAI Endorsed Transactions on Ambient Systems, 2017, 4, 153481.	0.3	4
20	Remotely Supporting Patients with Obstructive Sleep Apnea at Home. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 119-124.	0.2	4
21	Experimenting quality of life telemonitoring in a real scenario. Artificial Intelligence Research, 2015, 4, .	0.3	3
22	Brainâ€"Computer Interfaces on Track to Home: Results of the Evaluation at Disabled End-Usersâ€™ Homes and Lessons Learnt. Frontiers in ICT, 2015, 2, .	3.6	17
23	Brain Computer Interface on Track to Home. Scientific World Journal, The, 2015, 2015, 1-17.	0.8	44
24	Providing physical and social autonomy to disabled people through BCI, telemonitoring and home support. Intelligenza Artificiale, 2015, 9, 73-87.	1.0	1
25	Home-Based Activity Monitoring of Elderly People Through a Hierarchical Approach. Communications in Computer and Information Science, 2015, , 145-161.	0.4	1
26	Brain Neural Computer Interface for Everyday Home Usage. Lecture Notes in Computer Science, 2015, , 437-446.	1.0	8
27	Improving Activity Monitoring Through a Hierarchical Approach. , 2015, , .		5
28	Automatically Assessing Movement Capabilities through a Sensor-Based Telemonitoring System. International Journal of E-Health and Medical Communications, 2015, 6, 39-48.	1.4	1
29	Context-Aware Based Quality of Life Telemonitoring. Studies in Computational Intelligence, 2014, , 1-23.	0.7	8
30	Improving contextual advertising by adopting collaborative filtering. ACM Transactions on the Web, 2013, 7, 1-22.	2.0	16
31	Intelligent Techniques in Recommender Systems and Contextual Advertising. , 2013, , 105-128.		2
32	Content-Based Keywords Extraction and Automatic Advertisement Associations to Multimodal News Aggregations. Studies in Computational Intelligence, 2013, , 33-52.	0.7	0
33	Literature Retrieval and Mining in Bioinformatics: State of the Art and Challenges. Advances in Bioinformatics, 2012, 2012, 1-10.	5.7	16
34	Multiagent systems and information retrieval our experience with X.MAS. Expert Systems With Applications, 2012, 39, 2509-2523.	4.4	4
35	Applying Contextual Advertising to MultiModal Information Content. Lecture Notes in Business Information Processing, 2012, , 195-202.	0.8	0
36	Studying the Impact of Text Summarization on Contextual Advertising. , 2011, , .		22

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37	Progressive Filtering on the Web: The Press Reviews Case Study. Studies in Computational Intelligence, 2011, , 143-163.	0.7	0
38	A Comparative Study of Thresholding Strategies in Progressive Filtering. Lecture Notes in Computer Science, 2011, , 10-20.	1.0	0
39	A Comparative Experimental Assessment of a Threshold Selection Algorithm in Hierarchical Text Categorization. Lecture Notes in Computer Science, 2011, , 32-42.	1.0	5
40	A recommender system based on a generic contextual advertising approach. , 2010, , .		10
41	Using Progressive Filtering to Deal with Information Overload. , 2010, , .		8
42	A MultiAgent System for Monitoring Boats in Marine Reserves. Lecture Notes in Computer Science, 2010, , 254-265.	1.0	1
43	A Multiagent System for Retrieving Bioinformatics Publications From Web Sources. IEEE Transactions on Nanobioscience, 2007, 6, 104-109.	2.2	2
44	MASSP3: A System for Predicting Protein Secondary Structure. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.0	1
45	A Hybrid Genetic-Neural System for Predicting Protein Secondary Structure. BMC Bioinformatics, 2005, 6, S3.	1.2	19
46	BIOPACMAS: A Personalized, Adaptive, and Cooperative MultiAgent System for Predicting Protein Secondary Structure. Lecture Notes in Computer Science, 2005, , 587-598.	1.0	0
47	Planning by Abstraction Using HW[]. Lecture Notes in Computer Science, 2003, , 349-361.	1.0	1
48	An Agent Architecture for Planning in a Dynamic Environment. Lecture Notes in Computer Science, 2001, , 388-394.	1.0	7