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	Brain Computer Interface on Track to Home. Scientific World Journal, The, 2015, 2015, 1-17.	0.8	44
2	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
3	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
4	Implementing Mobile Healthâ€"Enabled Integrated Care for Complex Chronic Patients: Intervention Effectiveness and Cost-Effectiveness Study. JMIR MHealth and UHealth, 2021, 9, e22135.	1.8	24
5	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
6	Studying the Impact of Text Summarization on Contextual Advertising. , 2011, , .		22
7	A Hybrid Genetic-Neural System for Predicting Protein Secondary Structure. BMC Bioinformatics, 2005, 6, S3.	1.2	19
8	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
9	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
10	Literature Retrieval and Mining in Bioinformatics: State of the Art and Challenges. Advances in Bioinformatics, 2012, 2012, 1-10.	5.7	16
11	Improving contextual advertising by adopting collaborative filtering. ACM Transactions on the Web, 2013, 7, 1-22.	2.0	16
12	Implementing Mobile Healthâ€"Enabled Integrated Care for Complex Chronic Patients: Patients and Professionalsâ€™ Acceptability Study. JMIR MHealth and UHealth, 2020, 8, e22136.	1.8	13
13	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
14	A recommender system based on a generic contextual advertising approach. , 2010, , .		10
15	Protocol for regional implementation of community-based collaborative management of complex chronic patients. Npj Primary Care Respiratory Medicine, 2017, 27, 44.	1.1	10
16	Monitoring of upper-limb movements through inertial sensors â€" Preliminary results. Smart Health, 2019, 13, 100059.	2.0	10
17	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
18	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

#	Article	IF	Citations
19	Using Progressive Filtering to Deal with Information Overload. , 2010, , .		8
20	Brain Neural Computer Interface for Everyday Home Usage. Lecture Notes in Computer Science, 2015, , 437-446.	1.0	8
21	Context-Aware Based Quality of Life Telemonitoring. Studies in Computational Intelligence, 2014, , 1-23.	0.7	8
22	An Agent Architecture for Planning in a Dynamic Environment. Lecture Notes in Computer Science, 2001, , 388-394.	1.0	7
23	Improving Activity Monitoring Through a Hierarchical Approach. , 2015, , .		5
24	A Comparative Experimental Assessment of a Threshold Selection Algorithm in Hierarchical Text Categorization. Lecture Notes in Computer Science, 2011, , 32-42.	1.0	5
25	Multiagent systems and information retrieval our experience with X.MAS. Expert Systems With Applications, 2012, 39, 2509-2523.	4.4	4
26	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
27	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
28	Towards an Intelligent Monitoring System for Patients with Obstrusive Sleep Apnea. EAI Endorsed Transactions on Ambient Systems, 2017, 4, 153481.	0.3	4
29	Experimenting quality of life telemonitoring in a real scenario. Artificial Intelligence Research, 2015, 4, .	0.3	3
30	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
31	A Multiagent System for Retrieving Bioinformatics Publications From Web Sources. IEEE Transactions on Nanobioscience, 2007, 6, 104-109.	2.2	2
32	Monitoring and Supporting People that Need Assistance: The BackHome Experience. Studies in Computational Intelligence, 2017, , 79-96.	0.7	2
33	The Relevance of Providing Useful and Personalized Information to Therapists and Caregivers in Tele*. Studies in Computational Intelligence, 2017, , 97-117.	0.7	2
34	Intelligent Techniques in Recommender Systems and Contextual Advertising. , 2013, , 105-128.		2
35	MASSP3: A System for Predicting Protein Secondary Structure. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.0	1
36	A MultiAgent System for Monitoring Boats in Marine Reserves. Lecture Notes in Computer Science, 2010, , 254-265.	1.0	1

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37	Providing physical and social autonomy to disabled people through BCI, telemonitoring and home support. Intelligenza Artificiale, 2015, 9, 73-87.	1.0	1
38	Home-Based Activity Monitoring of Elderly People Through a Hierarchical Approach. Communications in Computer and Information Science, 2015, , 145-161.	0.4	1
39	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
40	Planning by Abstraction Using HW[]. Lecture Notes in Computer Science, 2003, , 349-361.	1.0	1
41	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
42	Ambient Intelligence by ATML Rules in BackHome. Studies in Computational Intelligence, 2018, , 31-54.	0.7	1
43	BIOPACMAS: A Personalized, Adaptive, and Cooperative MultiAgent System for Predicting Protein Secondary Structure. Lecture Notes in Computer Science, 2005, , 587-598.	1.0	0
44	Progressive Filtering on the Web: The Press Reviews Case Study. Studies in Computational Intelligence, 2011, , 143-163.	0.7	0
45	A Comparative Study of Thresholding Strategies in Progressive Filtering. Lecture Notes in Computer Science, 2011, , 10-20.	1.0	0
46	Applying Contextual Advertising to MultiModal Information Content. Lecture Notes in Business Information Processing, 2012, , 195-202.	0.8	0
47	Content-Based Keywords Extraction and Automatic Advertisement Associations to Multimodal News Aggregations. Studies in Computational Intelligence, 2013, , 33-52.	0.7	0
48	Engineering IoT Systems Through Agent Abstractions: Smart Healthcare as a Case Study. Lecture Notes in Computer Science, 2017, , 25-39.	1.0	0