

# Elena Gaudioso Vázquez

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

522  
citations

840119

11  
h-index

676716

22  
g-index

34  
all docs

34  
docs citations

34  
times ranked

547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of recommender systems: A new approach. Expert Systems With Applications, 2008, 35, 790-804.	4.4	170
2	Supporting teachers in adaptive educational systems through predictive models: A proof of concept. Expert Systems With Applications, 2012, 39, 621-625.	4.4	45
3	Supporting teachers in collaborative student modeling: A framework and an implementation. Expert Systems With Applications, 2009, 36, 2260-2265.	4.4	39
4	Machine Learning Weather Soft-Sensor for Advanced Control of Wastewater Treatment Plants. Sensors, 2019, 19, 3139.	2.1	37
5	Autonomous Adaptive and Active Tuning Up of the Dissolved Oxygen Setpoint in a Wastewater Treatment Plant Using Reinforcement Learning. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 768-774.	3.3	29
6	An emergent approach for the control of wastewater treatment plants by means of reinforcement learning techniques. Expert Systems With Applications, 2012, 39, 2355-2360.	4.4	25
7	Enhancing E-Learning Through Teacher Support: Two Experiences. IEEE Transactions on Education, 2009, 52, 109-115.	2.0	21
8	Tackling the start-up of a reinforcement learning agent for the control of wastewater treatment plants. Knowledge-Based Systems, 2018, 144, 9-15.	4.0	21
9	Energy and Environmental Efficiency for the N-Ammonia Removal Process in Wastewater Treatment Plants by Means of Reinforcement Learning. Energies, 2016, 9, 755.	1.6	17
10	Evaluation of temporal stability of eye tracking algorithms using webcams. Expert Systems With Applications, 2016, 64, 69-83.	4.4	15
11	Adaptive Navigation Support and Adaptive Collaboration Support in WebDL. Lecture Notes in Computer Science, 2000, , 51-61.	1.0	13
12	Supporting Teachers to Monitor Student's Learning Progress in an Educational Environment With Robotics Activities. IEEE Access, 2020, 8, 48620-48631.	2.6	11
13	Adaptive Web site for distance learning. Campus Wide Information Systems, 2000, 17, 120-128.	1.1	10
14	User Data Management and Usage Model Acquisition in an Adaptive Educational Collaborative Environment. Lecture Notes in Computer Science, 2002, , 143-152.	1.0	9
15	The task of guiding in adaptive recommender systems. Expert Systems With Applications, 2009, 36, 1972-1977.	4.4	8
16	Preface to the special issue on user modeling to support groups, communities and collaboration. User Modeling and User-Adapted Interaction, 2006, 16, 171-174.	2.9	5
17	Autotest: An educational software application to support teachers in creating tests. Computer Applications in Engineering Education, 2013, 21, 636-640.	2.2	5
18	Towards a Personalized Web-Based Educational System. Lecture Notes in Computer Science, 2000, , 729-740.	1.0	4

#	ARTICLE	IF	CITATIONS
19	User Modeling on Adaptive Web-Based Learning Communities. Lecture Notes in Computer Science, 2003, , 260-266.	1.0	4
20	Towards personalized distance learning on the web. Lecture Notes in Computer Science, 1999, , 740-749.	1.0	3
21	Involving teachers, parents and rehabilitation instructors in visual training for visually impaired children: A web-based approach. International Journal of Child-Computer Interaction, 2017, 11, 83-89.	2.5	3
22	A 3-D Simulation of a Single-Sided Linear Induction Motor with Transverse and Longitudinal Magnetic Flux. Applied Sciences (Switzerland), 2020, 10, 7004.	1.3	3
23	Evaluating the Intrusion Cost of Recommending in Recommender Systems. Lecture Notes in Computer Science, 2005, , 342-346.	1.0	3
24	A Reinforcement Learning Approach to Achieve Unobtrusive and Interactive Recommendation Systems for Web-Based Communities. Lecture Notes in Computer Science, 2004, , 409-412.	1.0	3
25	AN ENSEMBLE OF CLASSIFIERS APPROACH TO USER MODELING ON ADAPTIVE LEARNING COMMUNITIES. International Journal on Artificial Intelligence Tools, 2004, 13, 383-409.	0.7	2
26	An Adaptive, Comprehensive Application to Support Home-Based Visual Training for Children With Low Vision. IEEE Access, 2019, 7, 169018-169028.	2.6	2
27	How to manage collaboration in the Collaborative Logic Framework in a web-based adaptive learning environment. Inteligencia Artificial, 2004, 8, .	0.5	2
28	Collecting, Analyzing and Interpreting Data for User Model Acquisition in Open Web-Based Adaptive Collaborative Environment. Lecture Notes in Computer Science, 2003, , 1314-1320.	1.0	1
29	Workshop on Designing Computational Models of Collaborative Learning Interaction. Lecture Notes in Computer Science, 2004, , 915-915.	1.0	0
30	IDEE: A Visual Programming Environment to Teach Physics Through Robotics in Secondary Schools. Advances in Intelligent Systems and Computing, 2019, , 241-246.	0.5	0