Roberto Barchino Plata

List of Publications by Year
in descending order

32	436	1163117 8	1281871 11
papers	citations	h-index	g-index

33	33	33	478
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Student acceptance of virtual laboratory and practical work: An extension of the technology acceptance model. Computers and Education, 2019, 135, 1-14.	8.3	170
2	An experiment for improving students performance in secondary and tertiary education by means of m-learning auto-assessment. Computers and Education, 2010, 55, 1069-1079.	8.3	71
3	MOOCs, an innovative alternative to teach first aid and emergency treatment: A practical study. Nurse Education Today, 2019, 79, 92-97.	3.3	32
4	Knowledge representation for diagnosis of care problems through an expert system: Model of the auto-care deficit situations. Expert Systems With Applications, 2008, 34, 2847-2857.	7.6	26
5	Using M-Learning on Nursing Courses to Improve Learning. CIN - Computers Informatics Nursing, 2011, 29, 311-317.	0.5	26
6	Analysis of competence acquisition in a flipped classroom approach. Computer Applications in Engineering Education, 2019, 27, 49-64.	3.4	24
7	Modeling Educational Usage of Cloud-Based Tools in Virtual Learning Environments. IEEE Access, 2019, 7, 13347-13354.	4.2	14
8	A new sequencing method in Web-based education. , 2009, , .		12
9	Using M-Learning on Nursing Courses to Improve Learning. CIN - Computers Informatics Nursing, 2011, 29, TC98-TC104.	0.5	12
10	Analysis of Cooperative Skills Development through Relational Coordination in a Gamified Online Learning Environment. Electronics (Switzerland), 2021, 10, 2032.	3.1	10
11	Competency-Based Intelligent Curriculum Sequencing: Comparing Two Evolutionary Approaches. , 2008, , .		7
12	Evaluating Simple Query Interface Compliance in Public Repositories. , 2009, , .		7
13	A System for Adaptation of Educational Contents to Learners and their Mobile Device. , 2011, , .		6
14	Assessment design: A step towards interoperability. Computer Applications in Engineering Education, 2011, 19, 770-776.	3.4	5
15	Competency-Based Intelligent Curriculum Sequencing Using Particle Swarms. , 2008, , .		3
16	Applying a Digital Learning Ecosystem to Increase the Effectiveness of a Massive Open Online Course. , 2019, , .		3
17	An adaptation of the parliamentary metaheuristic for permutation constraint satisfaction. , 2010, , .		2
18	A mobile learning tool to deliver online questionnaires. , 2010, , .		2

#	Article	IF	Citations
19	Transforming LOMPad to Support IMS Access for All v3.0. , 2014, , .		2
20	Automatic E-learning contents composition by using gap analysis techniques. , 2009, , .		1
21	An Evolutionary Approach for Domain Independent Learning Object Sequencing. Communications in Computer and Information Science, 2008, , 192-197.	0.5	1
22	An interoperable assessment language proposal. , 2008, , .		0
23	Evolutionary approaches for curriculum sequencing. , 2008, , .		0
24	A multidisciplinary computer science master program. , 2008, , .		0
25	Automatic E-learning contents composition by using gap analysis techniques. SIGCSE Bulletin, 2009, 41, 369-369.	0.1	0
26	Tool for Generation IMS-QTI v2.1 Files with Java Server Faces. , 2010, , .		0
27	A Proposal to Improve the Simple Query Interface (SQI) of Learning Objects Repositories. , 2010, , .		0
28	Usability Issues Confronting Mobile Devices as Internet Interfaces for General Purpose Navigation. Lecture Notes in Computer Science, 2003, , 166-174.	1.3	0
29	LONS: Learning Object Negotiation System. Communications in Computer and Information Science, 2010, , 41-50.	0.5	0
30	Analysis of customer satisfaction using surveys with open questions. DYNA (Colombia), 2014, 81, 92-99.	0.4	0
31	ANALYZING THE EFFECTIVENESS OF USING ENHANCED ACTIVITIES WITH SIMULATION SOFTWARE IN A MOOC. EDULEARN Proceedings, 2019, , .	0.0	0
32	Advanced Tool to Develop the Assessment Process in Collaborative e-Learning Environments. Communications in Computer and Information Science, 0, , 229-236.	0.5	0