Marc Alier Forment

List of Publications by Year
in descending order

70 papers	**784** citations	687220 **13** h-index	642610 **23** g-index
73 all docs	**73** docs citations	**73** times ranked	**630** citing authors

#	Article	IF	Citations
1	An evolving Learning Management System for new educational environments using 2.0 tools. Interactive Learning Environments, 2014, 22, 188-204.	4.4	67
2	Source apportionment of submicron organic aerosol at an urban background and a road site in Barcelona (Spain) during SAPUSS. Atmospheric Chemistry and Physics, 2013, 13, 10353-10371.	1.9	60
3	Perceived openness of Learning Management Systems by students and teachers in education and technology courses. Computers in Human Behavior, 2014, 31, 517-526.	5.1	56
4	Clickstream for learning analytics to assess students' behavior with Scratch. Future Generation Computer Systems, 2019, 93, 673-686.	4.9	47
5	Interoperability for LMS: the missing piece to become the common place for e-learning innovation. International Journal of Knowledge and Learning, 2010, 6, 130.	0.1	31
6	Implementation and design of a service-based framework to integrate personal and institutional learning environments. Science of Computer Programming, 2014, 88, 41-53.	1.5	30
7	Supporting, evaluating and validating informal learning. A social approach. Computers in Human Behavior, 2016, 55, 596-603.	5.1	29
8	Learning services-based technological ecosystems. , 2015, , .		28
9	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. Atmospheric Chemistry and Physics, 2013, 13, 8991-9019.	1.9	27
10	Designing a Secure Exam Management System (SEMS) for M-Learning Environments. IEEE Transactions on Learning Technologies, 2016, 9, 258-271.	2.2	27
11	Protected Users: A Moodle Plugin To Improve Confidentiality and Privacy Support through User Aliases. Sustainability, 2020, 12, 2548.	1.6	24
12	Determination of the urban rooftop photovoltaic potential: A state of the art. Energy Reports, 2021, 7, 176-185.	2.5	24
13	Google analytics for time behavior measurement in Moodle. , 2014, , .		18
14	Privacy and identity management in Learning Analytics processes with Blockchain. , 2018, , .		18
15	Knowledge Co-Creation Process Based on Informal Learning Competences Tagging and Recognition. International Journal of Human Capital and Information Technology Professionals, 2013, 4, 18-30.	0.5	17
16	Learning management system: evolving from silos to structures. Interactive Learning Environments, 2014, 22, 143-145.	4.4	16
17	Adapting LMS Architecture to the SOA: An Architectural Approach. , 2009, , .		14
18	A Methodology to Study the University's Online Teaching Activity from Virtual Platform Indicators: The Effect of the Covid-19 Pandemic at Universitat Politècnica de Catalunya. Sustainability, 2021, 13, 5177.	1.6	14

#	Article	IF	Citations
19	Learning Analytics' Privacy on the Blockchain. , 2018, , .		13
20	Privacy and E-Learning: A Pending Task. Sustainability, 2021, 13, 9206.	1.6	13
21	SOA Initiatives for eLearning: A Moodle Case. , 2009, , .		12
22	A case study for measuring Informal Learning in PLEs. International Journal of Emerging Technologies in Learning, 2014, 9, 47.	0.8	11
23	Personal Data Broker Instead of Blockchain for Students' Data Privacy Assurance. Advances in Intelligent Systems and Computing, 2019, , 371-380.	0.5	11
24	Privacidad, seguridad y legalidad en soluciones educativas basadas en Blockchain: Una Revisión Sistemática de la Literatura. RIED: Revista Iberoamericana De Educación A Distancia, 2020, 23, 213.	0.8	10
25	Teaching Ethics and Sustainability to Informatics Engineering Students, An Almost 30 Years' Experience. Sustainability, 2020, 12, 5499.	1.6	10
26	Moodle 2.0: Shifting from a Learning Toolkit to a Open Learning Platform. Communications in Computer and Information Science, 2010, , 1-10.	0.4	9
27	Interoperability Scenarios to Measure Informal Learning Carried Out in PLEs. , 2011, , .		8
28	A methodology to introduce sustainability into the final year project to foster sustainable engineering projects. , 2014, , .		8
29	Interoperability for LMS: The Missing Piece to Become the Common Place for Elearning Innovation. Lecture Notes in Computer Science, 2009, , 286-295.	1.0	7
30	On the origin of water-soluble organic tracer compounds in fine aerosols in two cities: the case of Los Angeles and Barcelona. Environmental Science and Pollution Research, 2014, 21, 11649-11660.	2.7	7
31	The Urban Rooftop Photovoltaic Potential Determination. Sustainability, 2021, 13, 7447.	1.6	7
32	A Collaborative Learning Activity to Analyze the Sustainability of an Innovation Using PESTLE. Sustainability, 2021, 13, 8756.	1.6	6
33	Atenea Exams, an IMS LTI Application to Solve Scalability Problems: A Study Case. Applied Sciences (Switzerland), 2021, 11, 80.	1.3	6
34	Clustering Projects for eLearning Interoperability. Journal of Universal Computer Science, 2012, 18, .	0.6	6
35	A Tool to Aid Institutions Recognize Their Employees Competences Acquired by Informal Learning. Lecture Notes in Computer Science, 2013, , 552-555.	1.0	5
36	GDPR Security and Confidentiality compliance in LMS' a problem analysis and engineering solution proposal. , 2019, , .		5

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37	Impact of Covid-19 on UPC's Moodle platform and ICE's role. , 2020, , .		5
38	J2MEMicroDB: a new Open Source lightweight Database Engine for J2ME Mobile Devices. , 2007, , .		4
39	Applying Web Services to Define Open Learning Environments. , 2010, , .		4
40	Introducing &#x201C;Sustainability and Social Commitment&#x201D; skills in an engineering degree. , 2011, , .		4
41	Evaluation and assessment of professional skills in the Final Year Project. , 2014, , .		4
42	Personal Data Broker: A Solution to Assure Data Privacy in EdTech. Lecture Notes in Computer Science, 2019, , 3-14.	1.0	4
43	USING WEB ANALYTICS TOOLS TO IMPROVE THE QUALITY OF EDUCATIONAL RESOURCES AND THE LEARNING PROCESS OF STUDENTS IN A GAMIFIED SITUATION. , 2018, , .		4
44	TRAILER. International Journal of Human Capital and Information Technology Professionals, 2014, 5, 1-17.	0.5	4
45	A social framework for supporting, evaluating and validating informal learning. , 2014, , .		3
46	Participatory learning process through ICT4D projects. , 2015, , .		3
47	Virtual Worlds as Environment for Learning Communities. , 2009, , 181-198.		3
48	Integration of Google Docs as a Collaborative Activity within the LMS Using IMS BasicLTI. Communications in Computer and Information Science, 2013, , 677-683.	0.4	3
49	Development of a SPOC of Computer Ethics for students of Computer Science degree. , 2021, , .		3
50	A learning tool to develop sustainable projects. , 2016, , .		2
51	A learning analytics tool with hybrid graphical and textual interpretation generation. , 2016, , .		2
52	Open Integrated Personal Learning Environment: Towards a New Conception of the ICT-Based Learning Processes. Communications in Computer and Information Science, 2010, , 115-124.	0.4	2
53	Coping with and addressing the risks of children TV and online devices usage. , 2019, , .		2
54	Mobile Learning as an Asset for Development: Challenges and Oportunities. Communications in Computer and Information Science, 2013, , 244-250.	0.4	2

#	Article	IF	Citations
55	Personal Learning Environments and the Integration with Learning Management Systems. Communications in Computer and Information Science, 2013, , 16-21.	0.4	2
56	Using a pull mechanism for connecting an informal learning collector with external applications. , 2013, , .		2
57	Towards Mobile Learning Applications Integration with Learning Management Systems. , 0, , 182-194.		2
58	J2MEMicroDB: a new Open Source lightweight database engine for J2ME mobile devices. Journal of Intelligent Manufacturing, 2009, 20, 303-309.	4.4	1
59	Creating wiki communities in blended learning environment and the creation of the Moodle new Wiki. International Journal of Social Humanistic Computing, 2010, 1, 300.	0.3	1
60	Application of mobile and software as a service (SAAS) in learning processes. , 2013, , .		1
61	Building a Community: The Moodbile Perspective. , 2014, , .		1
62	Designing an informal learning support framework. , 2015, , .		1
63	APPLICATIONS OF SERVICE ORIENTED ARCHITECTURE FOR THE INTEGRATION OF LMS AND m-LEARNING APPLICATIONS. , 2009, , .		1
64	Research frontiers. An AGORA session to tackle current research challenges. , 2021, , .		1
65	J2MEMicroDB. , 2007, , .		0
66	How to apply open learning environments to Software Engineering subject. , 2011, , .		0
67	Wikis in Collaborative Educational Scenarios. International Journal of Distance Education Technologies, 2012, 10, 72-81.	1.9	0
68	Information Systems, E-Learning and Knowledge Management (in the Times of COVID). Sustainability, 2021, 13, 10674.	1.6	0
69	TEEM 2021 Preface. , 2021, , .		0
70	Requirements for Successful Wikis in Collaborative Educational Scenarios. , 0, , 196-211.		0