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	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
2	The Urban Rooftop Photovoltaic Potential Determination. Sustainability, 2021, 13, 7447.	1.6	7
3	A Collaborative Learning Activity to Analyze the Sustainability of an Innovation Using PESTLE. Sustainability, 2021, 13, 8756.	1.6	6
4	Privacy and E-Learning: A Pending Task. Sustainability, 2021, 13, 9206.	1.6	13
5	Determination of the urban rooftop photovoltaic potential: A state of the art. Energy Reports, 2021, 7, 176-185.	2.5	24
6	Information Systems, E-Learning and Knowledge Management (in the Times of COVID). Sustainability, 2021, 13, 10674.	1.6	0
7	Atenea Exams, an IMS LTI Application to Solve Scalability Problems: A Study Case. Applied Sciences (Switzerland), 2021, 11, 80.	1.3	6
8	Development of a SPOC of Computer Ethics for students of Computer Science degree. , 2021, , .		3
9	TEEM 2021 Preface. , 2021, , .		0
10	Research frontiers. An AGORA session to tackle current research challenges. , 2021, , .		1
11	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
12	Teaching Ethics and Sustainability to Informatics Engineering Students, An Almost 30 Years' Experience. Sustainability, 2020, 12, 5499.	1.6	10
13	Protected Users: A Moodle Plugin To Improve Confidentiality and Privacy Support through User Aliases. Sustainability, 2020, 12, 2548.	1.6	24
14	Impact of Covid-19 on UPC's Moodle platform and ICE's role. , 2020, , .		5
15	Personal Data Broker: A Solution to Assure Data Privacy in EdTech. Lecture Notes in Computer Science, 2019, , 3-14.	1.0	4
16	Personal Data Broker Instead of Blockchain for Students' Data Privacy Assurance. Advances in Intelligent Systems and Computing, 2019, , 371-380.	0.5	11
17	Clickstream for learning analytics to assess students' behavior with Scratch. Future Generation Computer Systems, 2019, 93, 673-686.	4.9	47
18	GDPR Security and Confidentiality compliance in LMS' a problem analysis and engineering solution proposal. , 2019, , .		5

#	Article	IF	Citations
19	Coping with and addressing the risks of children TV and online devices usage. , 2019, , .		2
20	Learning Analytics' Privacy on the Blockchain. , 2018, , .		13
21	Privacy and identity management in Learning Analytics processes with Blockchain. , 2018, , .		18
22	USING WEB ANALYTICS TOOLS TO IMPROVE THE QUALITY OF EDUCATIONAL RESOURCES AND THE LEARNING PROCESS OF STUDENTS IN A GAMIFIED SITUATION. , 2018, , .		4
23	A learning tool to develop sustainable projects. , 2016, , .		2
24	A learning analytics tool with hybrid graphical and textual interpretation generation. , 2016, , .		2
25	Designing a Secure Exam Management System (SEMS) for M-Learning Environments. IEEE Transactions on Learning Technologies, 2016, 9, 258-271.	2.2	27
26	Supporting, evaluating and validating informal learning. A social approach. Computers in Human Behavior, 2016, 55, 596-603.	5.1	29
27	Participatory learning process through ICT4D projects. , 2015, , .		3
28	Learning services-based technological ecosystems. , 2015, , .		28
29	Designing an informal learning support framework. , 2015, , .		1
30	A case study for measuring Informal Learning in PLEs. International Journal of Emerging Technologies in Learning, 2014, 9, 47.	0.8	11
31	Learning management system: evolving from silos to structures. Interactive Learning Environments, 2014, 22, 143-145.	4.4	16
32	A methodology to introduce sustainability into the final year project to foster sustainable engineering projects. , 2014, , .		8
33	An evolving Learning Management System for new educational environments using 2.0 tools. Interactive Learning Environments, 2014, 22, 188-204.	4.4	67
34	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
35	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
36	Google analytics for time behavior measurement in Moodle. , 2014, , .		18

#	ARTICLE	IF	CITATIONS
37	Building a Community: The Moodbile Perspective. , 2014, , .		1
38	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
39	A social framework for supporting, evaluating and validating informal learning. , 2014, , .		3
40	Evaluation and assessment of professional skills in the Final Year Project. , 2014, , .		4
41	TRAILER. International Journal of Human Capital and Information Technology Professionals, 2014, 5, 1-17.	0.5	4
42	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. Atmospheric Chemistry and Physics, 2013, 13, 8991-9019.	1.9	27
43	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
44	Application of mobile and software as a service (SAAS) in learning processes. , 2013, , .		1
45	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
46	A Tool to Aid Institutions Recognize Their Employees Competences Acquired by Informal Learning. Lecture Notes in Computer Science, 2013, , 552-555.	1.0	5
47	Mobile Learning as an Asset for Development: Challenges and Oportunities. Communications in Computer and Information Science, 2013, , 244-250.	0.4	2
48	Personal Learning Environments and the Integration with Learning Management Systems. Communications in Computer and Information Science, 2013, , 16-21.	0.4	2
49	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
50	Using a pull mechanism for connecting an informal learning collector with external applications. , 2013, , .		2
51	Wikis in Collaborative Educational Scenarios. International Journal of Distance Education Technologies, 2012, 10, 72-81.	1.9	0
52	Clustering Projects for eLearning Interoperability. Journal of Universal Computer Science, 2012, 18, .	0.6	6
53	Introducing &#x201C;Sustainability and Social Commitment&#x201D; skills in an engineering degree. , 2011, , .		4
54	How to apply open learning environments to Software Engineering subject. , 2011, , .		0

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55	Interoperability Scenarios to Measure Informal Learning Carried Out in PLEs. , 2011, , .		8
56	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
57	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
58	Applying Web Services to Define Open Learning Environments. , 2010, , .		4
59	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
60	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
61	SOA Initiatives for eLearning: A Moodle Case. , 2009, , .		12
62	J2MEMicroDB: a new Open Source lightweight database engine for J2ME mobile devices. Journal of Intelligent Manufacturing, 2009, 20, 303-309.	4.4	1
63	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
64	Adapting LMS Architecture to the SOA: An Architectural Approach. , 2009, , .		14
65	Virtual Worlds as Environment for Learning Communities. , 2009, , 181-198.		3
66	APPLICATIONS OF SERVICE ORIENTED ARCHITECTURE FOR THE INTEGRATION OF LMS AND m-LEARNING APPLICATIONS. , 2009, , .		1
67	J2MEMicroDB. , 2007, , .		0
68	J2MEMicroDB: a new Open Source lightweight Database Engine for J2ME Mobile Devices. , 2007, , .		4
69	Towards Mobile Learning Applications Integration with Learning Management Systems. , 0, , 182-194.		2
70	Requirements for Successful Wikis in Collaborative Educational Scenarios. , 0, , 196-211.		0