MarÃa Soledad RamÃrez-Montoya

List of Publications by Year
in descending order

124 papers	1,757 citations	361296 20 h-index	377752 34 g-index
130 all docs	130 docs citations	130 times ranked	939 citing authors

#	ARTICLE	IF	CITATIONS
1	The core components of education 4.0 in higher education: Three case studies in engineering education. Computers and Electrical Engineering, 2021, 93, 107278.	3.0	157
2	Components of Education 4.0 in 21st Century Skills Frameworks: Systematic Review. Sustainability, 2022, 14, 1493.	1.6	113
3	Complex Thinking in the Framework of Education 4.0 and Open Innovation—A Systematic Literature Review. Journal of Open Innovation: Technology, Market, and Complexity, 2022, 8, 4.	2.6	68
4	Gamification in MOOCs: Engagement Application Test in Energy Sustainability Courses. IEEE Access, 2019, 7, 32093-32101.	2.6	62
5	In-service teachers' self-perceptions of digital competence and OER use as determined by a xMOOC training course. Computers in Human Behavior, 2017, 77, 356-364.	5.1	57
6	Digital Gap in Universities and Challenges for Quality Education: A Diagnostic Study in Mexico and Spain. Sustainability, 2020, 12, 9069.	1.6	47
7	Characterization of the Teaching Profile within the Framework of Education 4.0. Future Internet, 2021, 13, 91.	2.4	41
8	Responding to the Initial Challenge of the COVID-19 Pandemic: Analysis of International Responses and Impact in School and Higher Education. Sustainability, 2022, 14, 1876.	1.6	41
9	Engagement in the course of programming in higher education through the use of gamification. Universal Access in the Information Society, 2019, 18, 583-597.	2.1	40
10	Social entrepreneurship education: changemaker training at the university. Higher Education, Skills and Work-based Learning, 2021, 11, 1236-1251.	0.9	39
11	Mexican and Spanish university students' Internet addiction and academic procrastination: Correlation and potential factors. PLoS ONE, 2020, 15, e0233655.	1.1	38
12	Presentación. La integración efectiva del dispositivo móvil en la educación y en el aprendizaje. RIED: Revista Iberoamericana De Educación A Distancia, 2017, 20, 29.	0.8	33
13	Systematic Mapping of Scientific Production on Open Innovation (2015–2018): Opportunities for Sustainable Training Environments. Sustainability, 2019, 11, 1781.	1.6	33
14	Trends for the Future of Education Programs for Professional Development. Sustainability, 2021, 13, 7244.	1.6	33
15	Entrepreneurship competencies in energy sustainability MOOCs. Journal of Entrepreneurship in Emerging Economies, 2019, 11, 598-616.	1.5	26
16	Challenges for Open Education with Educational Innovation: A Systematic Literature Review. Sustainability, 2020, 12, 7053.	1.6	26
17	Core practices in practice-based teacher education: A systematic literature review of its teaching and assessment process. Studies in Educational Evaluation, 2021, 70, 101047.	1.2	26
18	Design Framework Based on TEC21 Educational Model and Education 4.0 Implemented in a Capstone Project: A Case Study of an Electric Vehicle Suspension System. Sustainability, 2021, 13, 5768.	1.6	24

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19	Social Appropriation of Knowledge as a Key Factor for Local Development and Open Innovation: A Systematic Review. Journal of Open Innovation: Technology, Market, and Complexity, 2020, 6, 44.	2.6	23
20	Transformation and digital literacy: Systematic literature mapping. Education and Information Technologies, 2022, 27, 1417-1437.	3.5	22
21	Development of the Perception of Achievement of Complex Thinking: A Disciplinary Approach in a Latin American Student Population. Education Sciences, 2022, 12, 289.	1.4	22
22	Social Entrepreneurship Competency in Higher Education: An Analysis Using Mixed Methods. Journal of Social Entrepreneurship, 2023, 14, 91-109.	1.7	20
23	Valoración y evaluación de los Aprendizajes Basados en Juegos (GBL) en contextos e-learning. Education in the Knowledge Society, 2019, 19, 109-128.	2.0	20
24	The PhD Corner. , 2018, , .		19
25	Incidence of Digital Competences in the Completion Rates of MOOCs: Case Study on Energy Sustainability Courses. IEEE Transactions on Education, 2020, 63, 183-189.	2.0	18
26	TEEM 2017 Doctoral Consortium Track. , 2017, , .		17
27	Gamification: a new key for enhancing engagement in MOOCs on energy?. International Journal on Interactive Design and Manufacturing, 2020, 14, 1379-1393.	1.3	17
28	Using Robotics to Enhance Active Learning in Mathematics: A Multi-Scenario Study. Mathematics, 2020, 8, 2163.	1.1	17
29	Innovación en el diseño instruccional de cursos masivos abiertos (MOOC's) para desarrollar competencias de emprendimiento en sustentabilidad energética. Education in the Knowledge Society, 0, 20, 15.	2.0	17
30	Inverted Learning Environments with Technology, Innovation and Flexibility. Journal of Information Technology Research, 2016, 9, 18-33.	0.3	16
31	Educational innovation and digital competencies: the case of OER in a private Venezuelan university. International Journal of Educational Technology in Higher Education, 2016, 13, .	4.5	15
32	Systematic Mapping of Digital Gap and Gender, Age, Ethnicity, or Disability. Sustainability, 2022, 14, 1297.	1.6	15
33	Track 16. , 2019, , .		14
34	Traits of Complex Thinking: A Bibliometric Review of a Disruptive Construct in Education. Journal of Intelligence, 2022, 10, 37.	1.3	14
35	Challenge-based gamification and its impact in teaching mathematical modeling. , 2016, , .		13
36	El emprendimiento social como una competencia transversal: construcción y validación de un instrumento de valoración en el contexto universitario. REVESCO Revista De Estudios Cooperativos, 2020, 136, e71862.	0.5	13

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37	Challenge-based gamification as a teaching' open educational innovation strategy in the energy sustainability area. , 2016, , .		11
38	User Experience in Institutional Repositories. International Journal of Human Capital and Information Technology Professionals, 2018, 9, 70-86.	0.5	11
39	Determining Factors in MOOCs Completion Rates: Application Test in Energy Sustainability Courses. Sustainability, 2020, 12, 2893.	1.6	11
40	Evidence-Based Educational Innovation Model Linked to Digital Information Competence in the Framework of Education 4.0. Sustainability, 2021, 13, 10034.	1.6	11
41	Horizontes digitales complejos en el futuro de la educación 4.0: luces desde las recomendaciones de UNESCO. RIED: Revista Iberoamericana De Educación A Distancia, 2022, 25, 09-21.	0.8	11
42	Research Management Systems: Systematic Mapping of Literature (2007-2017). International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 44.	0.2	10
43	Systematic mapping of the literature. , 2016, , .		9
44	Motivation and Knowledge: Pre-Assessment and Post-Assessment of MOOC Participants From an Energy and Sustainability Project. International Review of Research in Open and Distance Learning, 2018, 19, .	1.0	9
45	Research Competencies to Develop Academic Reading and Writing: A Systematic Literature Review. Frontiers in Education, 2021, 5, .	1.2	9
46	CONNECTIVITY OF LEARNING IN MOOCs: FACILITATORS' EXPERIENCES IN TEAM TEACHING. Turkish Online Journal of Distance Education, 2016, 18, 143-143.	0.5	9
47	Opportunities to Develop Lifelong Learning Tendencies in Practice-Based Teacher Education: Getting Ready for Education 4.0. Future Internet, 2021, 13, 292.	2.4	9
48	Higher education for social entrepreneurship in the quadruple helix framework. , 2019, , .		8
49	Social entrepreneurship competency: an approach by discipline and gender. Journal of Applied Research in Higher Education, 2021, 13, 1357-1373.	1.1	8
50	Digital footprints (2005–2019): a systematic mapping of studies in education. Interactive Learning Environments, 2020, , 1-14.	4.4	8
51	Innovación abierta, interdisciplinaria y colaborativa para formar en sustentablidad energética a través de MOOCs e investigación educativa. Education in the Knowledge Society, 2019, 19, 11-30.	2.0	8
52	Education in the knowledge society doctoral consortium. , 2016, , .		7
53	Engaging MOOC through gamification. , 2019, , .		7
54	Correlation analysis between expectancy-value and achievement goals in MOOCs on energy sustainability: profiles with higher engagement. Interactive Technology and Smart Education, 2020, 17, 417-434.	3.8	7

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55	Usos del podcast para fines educativos. Mapeo sistemático de la literatura en WoS y Scopus (2014-2019). Revista Latina De Comunicacion Social, 2020, , 179-201.	0.4	7
56	Factores que influyen en la integración del Programa de Inclusión y Alfabetización Digital en la docencia en escuelas primarias. Revista Electronica De Investigacion Educativa, 0, 21, 1-11.	0.4	7
57	Introduction for the TEEM 2020 Doctoral Consortium track. , 2020, , .		7
58	Mediation and Online Learning: Systematic Literature Mapping (2015–2020). Sustainability, 2022, 14, 2951.	1.6	7
59	Practice-based teacher education. , 2019, , .		6
60	Training in digital competencies for health professionals: systematic mapping (2015-2019). Profesional De La Informacion, 0, , .	2.7	6
61	Education in Latin America: Toward the Digital Transformation in Universities. Lecture Notes in Educational Technology, 2021, , 93-108.	0.5	6
62	The use of gamification in xMOOCs about energy: Effects and predictive models for participants' learning. Australasian Journal of Educational Technology, 0, , 43-59.	2.0	6
63	Obsolescencia del conocimiento vs formación para el desarrollo sostenible. Texto Livre, 2021, 14, e33840.	0.4	5
64	Discovery tools for open access repositories. , 2016, , .		4
65	Open access to educational resources in energy and sustainability. , 2016, , .		4
66	Analyzing navigation logs in MOOC. , 2016, , .		4
67	Usability evaluation focused on user experience of repositories related to energy sustainability. , 2017, , .		4
68	Innovación en el diseño instruccional de cursos masivos abiertos con gamificación y REA para formar en sustentabilidad energética. Education in the Knowledge Society, 2017, 18, 75-96.	2.0	4
69	Training in Entrepreneurship Competences, Challenges for Educational Institutions: Systematic Literature Review. , 2020, , .		4
70	Habilitadores tecnológicos 4.0 para impulsar la educación abierta: aportaciones para las recomendaciones de la UNESCO. RIED: Revista Iberoamericana De Educación A Distancia, 2022, 25, .	0.8	4
71	Uso de la tableta digital en entornos universitarios de aprendizaje a distancia. RIED: Revista Iberoamericana De Educación A Distancia, 2017, 20, 255.	0.8	3
72	The educational potential of the podcast. , 2019, , .		3

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73	Ethical education and its impact on the perceived development of social entrepreneurship competency. Higher Education, Skills and Work-based Learning, 2021, ahead-of-print, .	0.9	3
74	Comportamiento métrico sobre evaluación de la educación en emprendimiento. Investigacion Bibliotecologica, 2019, 33, 99.	0.0	3
75	User Experience in Institutional Repositories. , 2020, , 423-440.		3
76	MOOCs and OER: Developments and Contributions for Open Education and Open Science. Lecture Notes in Educational Technology, 2020, , 159-175.	0.5	3
77	An introduction to TEEM 2021 Track 15: The Doctoral Consortium. , 2021, , .		3
78	Scenarios of the use of robotics as a support tool for teaching. , 2021, , .		3
79	Lifelong Learning and Metacognition in the Assessment of Pre-service Teachers in Practice-Based Teacher Education. Frontiers in Education, 2022, 7, .	1.2	3
80	Open innovation laboratories for social modeling sustainable society sensitive to social needs. , 2016, , .		2
81	An instrument for evaluating the innovation of an educational platform. , 2019, , .		2
82	The Use of Gamification as a Teaching Methodology in a MOOC About the Strategic Energy Reform in México. Advances in Intelligent Systems and Computing, 2019, , 29-36.	0.5	2
83	Diseño y validación de un cuestionario para evaluar oportunidades de práctica pedagógica, metacognición y «lifelong learning», brindadas por los programas de formación inicial docente. Estudios Sobre Educacion, 0, , .	0.2	2
84	Systematic mapping: educational and social entrepreneurship innovations (2015–2020). Education and Training, 2022, 64, 923-941.	1.7	2
85	MOOC AS A VIABLE OPTION TO ENERGY SUSTAINABILITY AND TECHNOLOGICAL TRAINING. , 2016, , .		2
86	User Experience of an Institutional Repository in a Private University in Mexico. Journal of Information Technology Research, 2019, 12, 67-87.	0.3	2
87	Media competences in the training of Andean Community journalists. , 2020, , .		2
88	Educational and Social Entrepreneurship of Future Teachers in the Framework of Open Education and Sustainable Development. , 2020, , .		2
89	Research plan on the digital transformation of faculty to advance to the global era. , 2020, , .		2
90	Measurement of the social construction of knowledge: validation and reliability of the K-Social-C instrument. Social Network Analysis and Mining, 2022, 12, 1.	1.9	2

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91	Evidence-based innovation methodology as a way to produce open educational resources by in-service teachers. , 2016, , .		1
92	Mediation practices for learning in MOOC courses to promote open innovation. , 2016, , .		1
93	Competencies for Production, Search, Diffusion and Mobilization of Open Educational Resources. International Education Studies, 2017, 10, 78.	0.3	1
94	Validity and reliability of a survey to know the technological acceptance of an institutional repository. , 2018, , .		1
95	Validation of instruments to measure social entrepreneurship competence. The OpenSocialLab project. , 2020, , .		1
96	Emerging technologies for the proposal and design of a MOOC on social entrepreneurship. , 2020, , .		1
97	The Phenomenon of Sexting Among Mexican and Spanish University Students: A Multigroup Model. Sexuality and Culture, 2021, 25, 939-959.	1.1	1
98	Technological Ecosystems That Support People With Disabilities: Multiple Case Studies. Frontiers in Psychology, 2021, 12, 633175.	1.1	1
99	Techno-andragogic Ecosystem Model for Active Learning. , 2019, , .		1
100	Improving Institutional Repositories through User-Centered Design: Indicators from a Focus Group. Future Internet, 2021, 13, 282.	2.4	1
101	Validation of the K-Social-C questionnaire for measuring the Social Construction of Knowledge from Open Innovation in Social Innovation Laboratories. , 2020, , .		1
102	Research competencies to develop academic literacy in higher education students through innovative models. , 2020, , .		1
103	Intercultural competencies development for professional collaboration: a systematic literature mapping from 2016 to 2021. , 2021, , .		1
104	Methods for the evaluation of social learning (2017-2021): systematic literature review. , 2021, , .		1
105	Arquitectura de horizontes en emprendimiento social. Texto Livre, 0, 15, e25716.	0.4	1
106	Personal social network as a facilitating tool for collaborative knowledge construction. , 2016, , .		0
107	Open innovation and social construction through MOOCs of energy sustainability. , 2016, , .		0
108	Innovative Strategies in the Educational Field: Analysis of the Systematic Mapping of Literature. Proceedings (mdpi), 2018, 2, 1349.	0.2	0

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109	Maturity model for collaborative innovation: Higher education challenge. , 2018, , .		0
110	Virtual Reality With Horizons Architecture for Educational Innovation. Advances in Human and Social Aspects of Technology Book Series, 2021, , 203-222.	0.3	0
111	Social innovation laboratories for the social construction of knowledge. Texto Livre, 2021, 14, e33750.	0.4	0
112	USER'S DIGITAL COMPETENCES AS PERCEIVED IN A MOOC COURSE AND ITS RELATION TO THE USE OF OER. A POSIBLE PATH TO TEACH ENERGY SUSTAINABILITY. , 2016, , .		0
113	PROBLEM-BASED GAMIFICATION ON SUSTAINABLE ENERGY'S MOOCS. , 2016, , .		0
114	Evaluative model of practice-based teacher education (core practices) to enhance metacognition and lifelong learning. , 2019, , .		0
115	Assignment of Groups for the Execution of a Collaborative Work Using Emerging Algorithms. Communications in Computer and Information Science, 2020, , 379-390.	0.4	0
116	Intervention model to promote reading in basic education: contributions to public policies. , 2020, , .		0
117	Innovative public policies in the development of reading skills in basic education: Regarding the systematic mapping protocol. , 2020, , .		0
118	An instrument to assess the research culture in formative processes: The validation of the instrument. , 2020, , .		0
119	Randomized Evaluation of Reading Skills: an Opportunity for Systematic Literature Review. , 2021, , .		0
120	Title is missing!. , 2020, 15, e0233655.		0
121	Title is missing!. , 2020, 15, e0233655.		0
122	Title is missing!. , 2020, 15, e0233655.		0
123	Title is missing!. , 2020, 15, e0233655.		0
124	Mapeo sistemático de la formación de las personas investigadoras como elemento de análisis reflexivo en ambientes formativos educativos (2017-2021). Revista Educación, 0, , .	0.2	0