Mary E Webb

List of Publications by Year
in descending order

36 papers	**1,125** citations	567281 **15** h-index	526287 **27** g-index
37 all docs	**37** docs citations	**37** times ranked	**707** citing authors

#	Article	IF	Citations
1	A review of pedagogy related to information and communications technology. Technology, Pedagogy and Education, 2004, 13, 235-286.	5.4	238
2	Computer science in K-12 school curricula of the 2lst century: Why, what and when?. Education and Information Technologies, 2017, 22, 445-468.	5.7	192
3	Affordances of ICT in science learning: implications for an integrated pedagogy. International Journal of Science Education, 2005, 27, 705-735.	1.9	181
4	Social Regulation of Learning During Collaborative Inquiry Learning in Science: How does it emerge and what are its functions?. International Journal of Science Education, 2015, 37, 2503-2532.	1.9	78
5	Exploring tensions in developing assessment for learning. Assessment in Education, 2009, 16, 165-184.	1.2	69
6	Challenges for information technology supporting educational assessment. Journal of Computer Assisted Learning, 2013, 29, 451-462.	5.1	48
7	Title is missing!. Education and Information Technologies, 2002, 7, 237-255.	5.7	43
8	Machine learning for human learners: opportunities, issues, tensions and threats. Educational Technology Research and Development, 2021, 69, 2109-2130.	2.8	38
9	Technology enhanced assessment in complex collaborative settings. Education and Information Technologies, 2015, 20, 675-695.	5.7	30
10	Data science in educational assessment. Education and Information Technologies, 2015, 20, 697-713.	5.7	27
11	Challenges for IT-Enabled Formative Assessment of Complex 21st Century Skills. Technology, Knowledge and Learning, 2018, 23, 441-456.	4.9	25
12	Integrating ICT to higher education in China: From the perspective of Activity Theory. Education and Information Technologies, 2009, 14, 143-161.	5.7	19
13	Changing models for researching pedagogy with information and communications technologies. Journal of Computer Assisted Learning, 2013, 29, 53-67.	5.1	19
14	Beginning teacher education and collaborative formative e‑assessment. Assessment and Evaluation in Higher Education, 2010, 35, 597-618.	5.6	17
15	Pedagogy with information and communications technologies in transition. Education and Information Technologies, 2014, 19, 275-294.	5.7	16
16	Computer Science in the School Curriculum: Issues and Challenges. IFIP Advances in Information and Communication Technology, 2017, , 421-431.	0.7	14
17	Haptic-enabled collaborative learning in virtual reality for schools. Education and Information Technologies, 2022, 27, 937-960.	5.7	13
18	Beginning computer-based modelling in primary schools. Computers and Education, 1994, 22, 129-144.	8.3	11

#	ARTICLE	IF	CITATIONS
19	Learning by building rule-based models. Computers and Education, 1992, 18, 89-100.	8.3	10
20	Towards a pedagogy of mentor education. Journal of in-Service Education, 2007, 33, 171-188.	0.8	10
21	Current and future research issues for ICT in education. Journal of Computer Assisted Learning, 2013, 29, 106-108.	5.1	6
22	Tensions in specifying computing curricula for K-12: Towards a principled approach for objectives. IT - Information Technology, 2018, 60, 59-68.	0.9	6
23	Measurement Challenges of Interactive Educational Assessment. , 2019, , 19-33.		5
24	Investigation of Formative Assessment of Learning (INFORMAL): The Performance Indicator Tool (PIT). Technology, Knowledge and Learning, 2017, 22, 161-171.	4.9	3
25	Assessment as, for, and of Twenty-First Century Learning Using Information Technology: An Overview. Springer International Handbooks of Education, 2018, , 581-600.	0.1	3
26	Assessment as, for, and of Twenty-First-Century Learning Using Information Technology: An Overview. Springer International Handbooks of Education, 2018, , 1-20.	0.1	1
27	Computers and Education â€" Recognising Opportunities and Managing Challenges. IFIP Advances in Information and Communication Technology, 2021, , 129-152.	0.7	1
28	Learning to solve ICT/informatics-based problems. IFIP Advances in Information and Communication Technology, 2003, , 171-178.	0.7	1
29	Assessment for Blended Learning Scenarios: A Decision Support Tool. IFIP Advances in Information and Communication Technology, 2017, , 221-230.	0.7	0
30	Section Introduction: Using Information Technology for Assessment: Issues and Opportunities. Springer International Handbooks of Education, 2018, , 1-4.	0.1	0
31	Curricula in Computer Science. , 2019, , 1-7.		0
32	Designing Assessments for Blended Learning Scenarios. , 2019, , 1-7.		0
33	Value of Teaching Computer Science. , 2019, , 1-5.		0
34	Value of Teaching Computer Science. , 2020, , 1753-1757.		0
35	Curricula in Computer Science. , 2020, , 479-485.		0
36	Designing Assessments for Blended Learning Scenarios. , 2020, , 530-536.		0