

Ian D Sanders

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29 papers	179 citations	9 h-index	11 g-index
32 ext. papers	218 ext. citations	3 avg, IF	2.76 L-index

#	Paper	IF	Citations
29	Estimation of Learning Affects Experienced by Learners: An Approach Using Relational Reasoning and Adaptive Mapping. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-14	1.9	3
28	Goofs in the Class: Students' Errors and Misconceptions When Learning Regular Expressions. <i>Communications in Computer and Information Science</i> , 2021 , 57-71	0.3	
27	Syntactic Generation of Similar Pictures. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 153-180	0.4	
26	Facial emotion recognition using temporal relational network: an application to E-learning. <i>Multimedia Tools and Applications</i> , 2020 , 1	2.5	9
25	Bag context picture grammars. <i>Journal of Computer Languages</i> , 2019 , 51, 214-221	1.5	1
24	Segmenting mangrove ecosystems drone images using SLIC superpixels. <i>Geocarto International</i> , 2019 , 34, 1648-1662	2.7	7
23	Learners' and Educators' Perspectives on the Value of Web Design in the South African Grade 11 Computer Applications Technology Curriculum. <i>African Journal of Research in Mathematics, Science and Technology Education</i> , 2016 , 20, 267-277	0.4	
22	Requirements for secure graphical password schemes 2014 ,		1
21	Perceptual Similarity of Images Generated using Tree Grammars 2014 ,		1
20	An online collaborative document creation exercise in an ODL research project module. <i>Computers and Education</i> , 2014 , 77, 116-124	9.5	9
19	First year students' understanding of the flow of control in recursive algorithms. <i>African Journal of Research in Mathematics, Science and Technology Education</i> , 2012 , 16, 348-362	0.4	2
18	Mental models of recursion 2010 ,		15
17	Computer science education in Peru. <i>SIGCSE Bulletin</i> , 2009 , 41, 86-89	0	6
16	Students' perceptions of python as a first programming language at wits 2008 ,		3
15	Perceptions of Computer Science at a South African university. <i>Computers and Education</i> , 2007 , 49, 1330-1356	1.56	12
14	Mental models of recursion revisited 2006 ,		11
13	Language performance at high school and success in first year computer science 2006 ,		4

12	Mental models of recursion revisited. <i>SIGCSE Bulletin</i> , 2006 , 38, 138-142	o	8
11	Mental models of recursion. <i>SIGCSE Bulletin</i> , 2003 , 35, 346-350	o	11
10	Computer self-efficacy, gender, and educational background in South Africa. <i>IEEE Technology and Society Magazine</i> , 2003 , 22, 43-48	0.8	13
9	Teaching empirical analysis of algorithms. <i>SIGCSE Bulletin</i> , 2002 , 34, 321-325	o	
8	A fundamentals-based curriculum for first year computer science. <i>SIGCSE Bulletin</i> , 2000 , 32, 227-231	o	2
7	A fundamentals-based curriculum for first year computer science 2000 ,		16
6	Teaching computer science. <i>SIGCSE Bulletin</i> , 1996 , 28, 102-106	o	
5	Animating recursion as an aid to instruction. <i>Computers and Education</i> , 1994 , 23, 221-226	9.5	22
4	An improved first year course taking into account third world students. <i>SIGCSE Bulletin</i> , 1993 , 25, 213-217		2
3	Gender imbalances in computer science at the University of the Witwatersrand. <i>SIGCSE Bulletin</i> , 1993 , 25, 2-4	o	5
2	AAPT. <i>SIGCSE Bulletin</i> , 1991 , 23, 41-47	o	8
1	ALEX: an aid to teaching algorithms. <i>SIGCSE Bulletin</i> , 1991 , 23, 36-44	o	5