

# Ian D Sanders

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1955687/publications.pdf>

Version: 2024-02-01

32  
papers

275  
citations

1040018

9  
h-index

1125717

13  
g-index

32  
all docs

32  
docs citations

32  
times ranked

183  
citing authors

#	ARTICLE	IF	CITATIONS
1	Animating recursion as an aid to instruction. Computers and Education, 1994, 23, 221-226.	8.3	32
2	A fundamentals-based curriculum for first year computer science. , 2000, , .		23
3	Mental models of recursion. , 2010, , .		23
4	Computer self-efficacy, gender, and educational background in south africa. IEEE Technology and Society Magazine, 2003, 22, 43-48.	0.8	19
5	Mental models of recursion revisited. , 2006, , .		17
6	Perceptions of Computer Science at a South African university. Computers and Education, 2007, 49, 1330-1356.	8.3	17
7	Facial emotion recognition using temporal relational network: an application to E-learning. Multimedia Tools and Applications, 2022, 81, 26633-26653.	3.9	17
8	Mental models of recursion revisited. SIGCSE Bulletin, 2006, 38, 138-142.	0.1	15
9	Language performance at high school and success in first year computer science. , 2006, , .		14
10	Mental models of recursion. SIGCSE Bulletin, 2003, 35, 346-350.	0.1	13
11	An online collaborative document creation exercise in an ODL research project module. Computers and Education, 2014, 77, 116-124.	8.3	11
12	AAPT. SIGCSE Bulletin, 1991, 23, 41-47.	0.1	10
13	Students' perceptions of python as a first programming language at wits. , 2008, , .		9
14	Segmenting mangrove ecosystems drone images using SLIC superpixels. Geocarto International, 2019, 34, 1648-1662.	3.5	9
15	ALEX: an aid to teaching algorithms. SIGCSE Bulletin, 1991, 23, 36-44.	0.1	6
16	Computer science education in Peru. SIGCSE Bulletin, 2009, 41, 86-89.	0.1	6
17	Gender imbalances in computer science at the University of the Witwatersrand. SIGCSE Bulletin, 1993, 25, 2-4.	0.1	5
18	Learning styles and personality types of computer science students at a South African university. , 2007, , .		5

#	ARTICLE	IF	CITATIONS
19	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.	1.2	5
20	A fundamentals-based curriculum for first year computer science. <i>SIGCSE Bulletin</i> , 2000, 32, 227-231.	0.1	4
21	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.	1.0	4
22	Requirements for secure graphical password schemes. , 2014, , .		4
23	An improved first year course taking into account third world students. <i>SIGCSE Bulletin</i> , 1993, 25, 213-217.	0.1	3
24	Measuring Perceptual Similarity of Syntactically Generated Pictures. , 2018, , .		2
25	Perceptual Similarity of Images Generated using Tree Grammars. , 2014, , .		1
26	Bag context picture grammars. <i>Journal of Computer Languages</i> , 2019, 51, 214-221.	2.1	1
27	Teaching computer science. <i>SIGCSE Bulletin</i> , 1996, 28, 102-106.	0.1	0
28	Teaching empirical analysis of algorithms. <i>SIGCSE Bulletin</i> , 2002, 34, 321-325.	0.1	0
29	Learnersâ€™ and Educatorsâ€™ 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.	1.0	0
30	Publishing in Good Journals. <i>South African Computer Journal</i> , 2018, 30, .	0.2	0
31	Syntactic Generation of Similar Pictures. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 153-180.	0.6	0
32	Goofs in the Class: Studentsâ€™ Errors and Misconceptions When Learning Regular Expressions. <i>Communications in Computer and Information Science</i> , 2021, , 57-71.	0.5	0