

# Sue Sentance

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2519050/publications.pdf>

Version: 2024-02-01

52  
papers

1,530  
citations

759233

12  
h-index

794594

19  
g-index

53  
all docs

53  
docs citations

53  
times ranked

587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computing in the curriculum: Challenges and strategies from a teacher's perspective. Education and Information Technologies, 2017, 22, 469-495.	5.7	218
2	Restart. ACM Transactions on Computing Education, 2014, 14, 1-22.	3.5	186
3	"Creating Cool Stuff". , 2017, , .		105
4	Developing a Two-Dimensional Categorization System for Educational Tasks in Informatics. Informatica, 2017, 28, 23-44.	2.7	70
5	The network of teaching excellence in computer science and master teachers. , 2014, , .		62
6	Bringing computer science back into schools. , 2013, , .		60
7	It's Computational Thinking! Bebras Tasks in the Curriculum. Lecture Notes in Computer Science, 2016, , 28-39.	1.3	55
8	Grand challenges for the UK. , 2012, , .		52
9	Abstraction and common classroom activities. , 2016, , .		48
10	Physical Computing: A Key Element of Modern Computer Science Education. Computer, 2020, 53, 20-30.	1.1	40
11	Concepts in K-9 Computer Science Education. , 2015, , .		39
12	Computing at school. , 2011, , .		37
13	K-5 Teachers' Uses of Levels of Abstraction Focusing on Design. , 2017, , .		37
14	Blackbox, Five Years On. , 2018, , .		37
15	Teaching with physical computing devices. , 2017, , .		35
16	An International Comparison of K-12 Computer Science Education Intended and Enacted Curricula. , 2019, , .		35
17	Teaching computer programming with PRIMM: a sociocultural perspective. Computer Science Education, 2019, 29, 136-176.	3.7	33
18	Computer science at school/CS teacher education. , 2012, , .		24

#	ARTICLE	IF	CITATIONS
19	An International Study Piloting the MEasuring TeacheR Enacted Computing Curriculum (METRECC) Instrument. , 2019, , .		24
20	PRIMM. , 2017, , .		23
21	Are boys more confident than girls?. , 2018, , .		21
22	Teachers' Experiences of using PRIMM to Teach Programming in School. , 2019, , .		21
23	Challenge and creativity. , 2012, , .		20
24	.NET gadgeteer. , 2013, , .		20
25	Making Programming Accessible to Learners with Visual Impairments: A Literature Review. International Journal of Computer Science Education in Schools, 2018, 2, 3-13.	0.7	17
26	Teaching with physical computing in school: the case of the micro:bit. Education and Information Technologies, 2020, 25, 2577-2603.	5.7	16
27	Difficulties with design: The challenges of teaching design in K-5 programming. Computers and Education, 2020, 150, 103838.	8.3	16
28	Computer Science in Secondary Schools in the UK: Ways to Empower Teachers. Lecture Notes in Computer Science, 2013, , 15-30.	1.3	16
29	Understanding professional learning for Computing teachers from the perspective of situated learning. Computer Science Education, 2018, 28, 345-370.	3.7	15
30	Physical Programming for Blind and Low Vision Children at Scale. Human-Computer Interaction, 2021, 36, 535-569.	4.4	15
31	Learning to use Functions. , 2019, , .		15
32	Computing Teachers' Perspectives on Threshold Concepts. , 2017, , .		14
33	Abstraction in action: K-5 teachers' uses of levels of abstraction, particularly the design level, in teaching programming.. International Journal of Computer Science Education in Schools, 2018, 2, 14-40.	0.7	12
34	An International Pilot Study of K-12 Teachers' Computer Science Self-Esteem. , 2020, , .		10
35	Computing in the classroom: Tales from the chalkface. IT - Information Technology, 2018, 60, 103-112.	0.9	8
36	Online vs Face-To-Face Engagement of Computing Teachers for their Professional Development Needs. Lecture Notes in Computer Science, 2015, , 69-81.	1.3	8

#	ARTICLE	IF	CITATIONS
37	Professional Recognition Matters. , 2017, , .		7
38	An International Benchmark Study of K-12 Computer Science Education in Schools. , 2019, , .		7
39	Culturally-relevant and responsive pedagogy in computing: A Quick Scoping Review. International Journal of Computer Science Education in Schools, 2021, 5, 3-13.	0.7	7
40	Moving to mainstream. , 2019, , .		6
41	Threshold concepts, conceptions and skills: Teachers' experiences with students' engagement in functions. Journal of Computer Assisted Learning, 2021, 37, 411-428.	5.1	6
42	Classroom-Based Research Projects for Computing Teachers. ACM Transactions on Computing Education, 2018, 18, 1-26.	3.5	5
43	Teachersâ€™ Perspectives on Talk in the Programming Classroom : Language as a Mediator. , 2021, , .		5
44	A RULE NETWORK FOR ENGLISH ARTICLE USAGE WITHIN AN INTELLIGENT LANGUAGE TUTORING SYSTEM. Computer Assisted Language Learning, 1997, 10, 173-200.	7.1	4
45	Comparing K-5 teachers' reported use of design in teaching programming and planning in teaching writing. , 2018, , .		4
46	Female pupilsâ€™ attitudes to computing in early adolescence. , 2021, , .		3
47	An online platform for teaching upper secondary school computer science. , 2021, , .		3
48	Extending and Evaluating the Use-Modify-Create Progression for Engaging Youth in Computational Thinking. , 2020, , .		3
49	Challenges Facing Computing Teachers in Guyana. , 2020, , .		3
50	Learning from students. , 2011, , .		2
51	Teacher Research Projects in Computing. , 2016, , .		1
52	The role of assessment and reward in non-formal computing settings (Work in progress). , 2019, , .		0