

# Diana Franklin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11355405/publications.pdf>

Version: 2024-02-01

18  
papers

492  
citations

1478505

6  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

368  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Learning Trajectory for Variables Based in Computational Thinking Literature: Using Levels of Thinking to Develop Instruction. <i>Computer Science Education</i> , 2022, 32, 213-234.	3.7	8
2	Using participatory design to integrate stakeholder voices in the creation of a culturally relevant computing curriculum. <i>International Journal of Child-Computer Interaction</i> , 2022, 31, 100353.	3.5	6
3	Helping teachers make equitable decisions: effects of the TEC Rubric on teachers'™ evaluations of a computing curriculum. <i>Computer Science Education</i> , 2021, 31, 400-429.	3.7	5
4	Identifying Youths'™ Spheres of Influence through Participatory Design. <i>Designs for Learning</i> , 2021, 13, 20-34.	0.8	5
5	SQUARE: Strategic Quantum Ancilla Reuse for Modular Quantum Programs via Cost-Effective Uncomputation. , 2020, , .		16
6	Exploring Quantum Reversibility with Young Learners. , 2020, , .		6
7	Resource optimized quantum architectures for surface code implementations of magic-state distillation. <i>Microprocessors and Microsystems</i> , 2019, 67, 56-70.	2.8	9
8	A K-8 Debugging Learning Trajectory Derived from Research Literature. , 2019, , .		38
9	K-8 learning trajectories derived from research literature. <i>ACM Inroads</i> , 2018, 9, 46-55.	0.6	17
10	Using Upper-Elementary Student Performance to Understand Conceptual Sequencing in a Blocks-based Curriculum. , 2017, , .		72
11	A Literature Review through the Lens of Computer Science Learning Goals Theorized and Explored in Research. , 2017, , .		22
12	Programming languages and compiler design for realistic quantum hardware. <i>Nature</i> , 2017, 549, 180-187.	27.8	140
13	Predicting memory page stability and its application to memory deduplication and live migration. , 2017, , .		2
14	Blockly goes to work: Block-based programming for industrial robots. , 2017, , .		46
15	Mellow Writes: Extending Lifetime in Resistive Memories through Selective Slow Write Backs. , 2016, , .		26
16	Compiler Management of Communication and Parallelism for Quantum Computation. <i>Computer Architecture News</i> , 2015, 43, 445-456.	2.5	12
17	Identifying elementary students' pre-instructional ability to develop algorithms and step-by-step instructions. , 2014, , .		53
18	Quantum rotations. <i>Computer Architecture News</i> , 2013, 41, 166-176.	2.5	9