

# Shuchi Grover

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/781870/publications.pdf>

Version: 2024-02-01

14  
papers

2,237  
citations

1307594

7  
h-index

1588992

8  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Thinking in K-12. Educational Researcher, 2013, 42, 38-43.	5.4	1,442
2	Designing for deeper learning in a blended computer science course for middle school students. Computer Science Education, 2015, 25, 199-237.	3.7	259
3	Measuring Student Learning in Introductory Block-Based Programming. , 2017, , .		176
4	Factors Influencing Computer Science Learning in Middle School. , 2016, , .		89
5	Computational Thinking from a Disciplinary Perspective: Integrating Computational Thinking in K-12 Science, Technology, Engineering, and Mathematics Education. Journal of Science Education and Technology, 2020, 29, 1-8.	3.9	82
6	What We Can Learn About Student Learning From Open-Ended Programming Projects in Middle School Computer Science. , 2018, , .		60
7	A Framework for Using Hypothesis-Driven Approaches to Support Data-Driven Learning Analytics in Measuring Computational Thinking in Block-Based Programming Environments. ACM Transactions on Computing Education, 2017, 17, 1-25.	3.5	49
8	Concepts before coding: non-programming interactives to advance learning of introductory programming concepts in middle school. Computer Science Education, 2019, 29, 106-135.	3.7	28
9	Examining Student Regulation of Collaborative, Computational, Problem-Solving Processes in Open-Ended Learning Environments. Journal of Learning Analytics, 2021, 8, 49-74.	2.4	19
10	Designing an Assessment for Introductory Programming Concepts in Middle School Computer Science. , 2020, , .		16
11	Building a virtual community of practice for K-12 CS teachers. Communications of the ACM, 2014, 57, 39-41.	4.5	8
12	Non-Programming Activities for Engagement with Foundational Concepts in Introductory Programming. , 2019, , .		7
13	A Systematic Approach for Analyzing Students' Computational Modeling Processes in C2STEM. Lecture Notes in Computer Science, 2019, , 116-121.	1.3	2
14	Strengthening early STEM learning by integrating CT into science and math activities at home. , 2022, , 72-84.		0