

# Samir Datta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10600098/publications.pdf>

Version: 2024-02-01

11  
papers

124  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

52  
citing authors

#	ARTICLE	IF	CITATIONS
1	On TC0, AC0, and Arithmetic Circuits. <i>Journal of Computer and System Sciences</i> , 2000, 60, 395-421.	1.2	35
2	Planar and Grid Graph Reachability Problems. <i>Theory of Computing Systems</i> , 2009, 45, 675-723.	1.1	28
3	The Directed Planar Reachability Problem. <i>Lecture Notes in Computer Science</i> , 2005, , 238-249.	1.3	16
4	Planarity, Determinants, Permanents, and (Unique) Matchings. <i>ACM Transactions on Computation Theory</i> , 2010, 1, 1-20.	0.7	11
5	One-Input-Face MPCVP Is Hard for L, But in LogDCFL. <i>Lecture Notes in Computer Science</i> , 2006, , 57-68.	1.3	7
6	Log-Space Algorithms for Paths and Matchings in k-Trees. <i>Theory of Computing Systems</i> , 2013, 53, 669-689.	1.1	7
7	Low-Depth Uniform Threshold Circuits and the Bit-Complexity of Straight Line Programs. <i>Lecture Notes in Computer Science</i> , 2014, , 13-24.	1.3	7
8	Space complexity of perfect matching in bounded genus bipartite graphs. <i>Journal of Computer and System Sciences</i> , 2012, 78, 765-779.	1.2	6
9	Verifying proofs in constant depth. <i>ACM Transactions on Computation Theory</i> , 2013, 5, 1-23.	0.7	3
10	Planarity, Determinants, Permanents, and (Unique) Matchings. <i>Lecture Notes in Computer Science</i> , 2007, , 115-126.	1.3	3
11	Depth-first search in directed planar graphs, revisited. <i>Acta Informatica</i> , 0, , .	0.5	1