

Daniel S Roche

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7855154/publications.pdf>

Version: 2024-02-01

21
papers

251
citations

1937685

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1588992

8
g-index

22
all docs

22
docs citations

22
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast in-place algorithms for polynomial operations. , 2020, , .		2
2	Generic Reductions for In-place Polynomial Multiplication. , 2019, , .		3
3	Error Correction in Fast Matrix Multiplication and Inverse. , 2018, , .		3
4	What Can (and Can't) we Do with Sparse Polynomials?. , 2018, , .		22
5	Deterministic, Stash-Free Write-Only ORAM. , 2017, , .		13
6	Sparse polynomials in FLINT. ACM Communications in Computer Algebra, 2016, 50, 105-108.	0.4	1
7	POPE. , 2016, , .		47
8	Managing Cloud Storage Obliviously. , 2016, , .		4
9	A Practical Oblivious Map Data Structure with Secure Deletion and History Independence. , 2016, , .		34
10	Faster sparse multivariate polynomial interpolation of straight-line programs. Journal of Symbolic Computation, 2016, 75, 4-24.	0.8	15
11	Output-Sensitive Algorithms for Sunset and Sparse Polynomial Multiplication. , 2015, , .		14
12	Parallel sparse interpolation using small primes. , 2015, , .		1
13	Multivariate sparse interpolation using randomized Kronecker substitutions. , 2014, , .		9
14	Sparse interpolation over finite fields via low-order roots of unity. , 2014, , .		9
15	Computing Sparse Multiples of Polynomials. Algorithmica, 2012, 64, 454-480.	1.3	2
16	Detecting lacunary perfect powers and computing their roots. Journal of Symbolic Computation, 2011, 46, 1242-1259.	0.8	4
17	Chunky and equal-spaced polynomial multiplication. Journal of Symbolic Computation, 2011, 46, 791-806.	0.8	10
18	Diversification improves interpolation. , 2011, , .		18

#	ARTICLE	IF	CITATIONS
19	Interpolation of Shifted-Lacunary Polynomials. Computational Complexity, 2010, 19, 333-354.	0.3	14
20	Computing Sparse Multiples of Polynomials. Lecture Notes in Computer Science, 2010, , 266-278.	1.3	5
21	Space- and time-efficient polynomial multiplication. , 2009, , .		13