

David de Laat

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

111
citations

1478505

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1372567

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all docs

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times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	k-Point semidefinite programming bounds for equiangular lines. <i>Mathematical Programming</i> , 2022, 194, 533-567.	2.4	3
2	Exact Semidefinite Programming Bounds for Packing Problems. <i>SIAM Journal on Optimization</i> , 2021, 31, 1433-1458.	2.0	3
3	Primes in arithmetic progressions and semidefinite programming. <i>Mathematics of Computation</i> , 2021, 90, 2235-2246.	2.1	1
4	High-dimensional sphere packing and the modular bootstrap. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	26
5	Moment methods in energy minimization: New bounds for Riesz minimal energy problems. <i>Transactions of the American Mathematical Society</i> , 2019, 373, 1407-1453.	0.9	2
6	Lower Bounds on Matrix Factorization Ranks via Noncommutative Polynomial Optimization. <i>Foundations of Computational Mathematics</i> , 2019, 19, 1013-1070.	2.5	13
7	Bounds on entanglement dimensions and quantum graph parameters via noncommutative polynomial optimization. <i>Mathematical Programming</i> , 2018, 170, 5-42.	2.4	9
8	Matrices with high completely positive semidefinite rank. <i>Linear Algebra and Its Applications</i> , 2017, 513, 122-148.	0.9	16
9	A semidefinite programming hierarchy for packing problems in discrete geometry. <i>Mathematical Programming</i> , 2015, 151, 529-553.	2.4	15
10	Upper bounds for packings of spheres of several radii. <i>Forum of Mathematics, Sigma</i> , 2014, 2, .	0.7	20
11	Fourier Analysis on Finite Groups and the Lovász β -Number of Cayley Graphs. <i>Experimental Mathematics</i> , 2014, 23, 146-152.	0.7	3