Antonios Varvitsiotis

List of Publications by Year
in descending order

14 papers	192 citations	1478505 6 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	231 citing authors

#	Article	IF	Citations
1	Characterising the correlations of prepare-and-measure quantum networks. Npj Quantum Information, 2019, 5, .	6.7	44
2	Robust Self-Testing of Quantum Systems via Noncontextuality Inequalities. Physical Review Letters, 2019, 122, 250403.	7.8	40
3	Minimum Dimension of a Hilbert Space Needed to Generate a Quantum Correlation. Physical Review Letters, 2016, 117, 060401.	7.8	33
4	A new graph parameter related to bounded rank positive semidefinite matrix completions. Mathematical Programming, 2014, 145, 291-325.	2.4	26
5	Linear conic formulations for two-party correlations and values of nonlocal games. Mathematical Programming, 2017, 162, 431-463.	2.4	14
6	Completely positive semidefinite rank. Mathematical Programming, 2018, 171, 397-431.	2.4	8
7	Geometric structure of quantum correlators via semidefinite programming. Physical Review A, 2019, 99, .	2.5	5
8	Complexity of the Positive Semidefinite Matrix Completion Problem with a Rank Constraint. Fields Institute Communications, 2013, , 105-120.	1.3	5
9	Universal Completability, Least Eigenvalue Frameworks, and Vector Colorings. Discrete and Computational Geometry, 2017, 58, 265-292.	0.6	3
10	Graph Cores via Universal Completability. Electronic Notes in Discrete Mathematics, 2015, 49, 337-344.	0.4	2
11	Graph homomorphisms via vector colorings. European Journal of Combinatorics, 2019, 79, 244-261.	0.8	2
12	Correlation matrices, Clifford algebras, and completely positive semidefinite rank. Linear and Multilinear Algebra, 2020, 68, 1039-1056.	1.0	2
13	Vector coloring the categorical product of graphs. Mathematical Programming, 2020, 182, 275-314.	2.4	2
14	Analysis of Optimization Algorithms via Sum-of-Squares. Journal of Optimization Theory and Applications, 2021, 190, 56-81.	1.5	1