PÃ©ter Vrana

List of Publications by Year
in descending order

26 papers	332 citations	1040056 9 h-index	888059 17 g-index
26 all docs	26 docs citations	26 times ranked	165 citing authors

#	Article	IF	Citations
1	A Generalization of Strassenâ€™s Theorem on Preordered Semirings. Order, 2022, 39, 209-228.	0.5	3
2	The Semiring of Dichotomies and Asymptotic Relative Submajorization. IEEE Transactions on Information Theory, 2022, 68, 311-321.	2.4	3
3	Topological charge distributions of an interacting two-spin system. Physical Review B, 2022, 105, .	3.2	0
4	Asymptotic Continuity of Additive Entanglement Measures. IEEE Transactions on Information Theory, 2022, 68, 3208-3217.	2.4	1
5	Large deviation principle for moment map estimation. Electronic Journal of Probability, 2021, 26, .	1.0	1
6	Asymptotic relative submajorization of multiple-state boxes. Letters in Mathematical Physics, 2021, 111, 1.	1.1	2
7	Probabilistic Refinement of the Asymptotic Spectrum of Graphs. Combinatorica, 2021, 41, 873-904.	1.2	5
8	The Asymptotic Spectrum of LOCC Transformations. IEEE Transactions on Information Theory, 2020, 66, 155-166.	2.4	8
9	Tensor network representations from the geometry of entangled states. SciPost Physics, 2020, 9, .	4.9	8
10	Distillation of Greenbergerâ€"Horneâ€"Zeilinger States by Combinatorial Methods. IEEE Transactions on Information Theory, 2019, 65, 5945-5958.	2.4	5
11	Asymptotic tensor rank of graph tensors: beyond matrix multiplication. Computational Complexity, 2019, 28, 57-111.	0.3	8
12	Universal points in the asymptotic spectrum of tensors. , 2018, , .		18
13	Entanglement Distillation from Greenbergerâ€"Horneâ€"Zeilinger Shares. Communications in Mathematical Physics, 2017, 352, 621-627.	2.2	11
14	Reconstructing quantum states from single-party information. Physical Review A, 2017, 96, .	2.5	20
15	The role of topology in quantum tomography. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 265303.	2.1	10
16	Asymptotic entanglement transformation between W and GHZ states. Journal of Mathematical Physics, 2015, 56, .	1.1	22
17	Fault-ignorant quantum search. New Journal of Physics, 2014, 16, 073033.	2.9	9
18	Invertible symmetric 3â€‰Ã—â€‰3 binary matrices and GQ(2,â€‰4). Linear and Multilinear Algebra, 2012, 60, 1143-1154.	1.0	1

#	Article	IF	Citations
19	On the algebra of local unitary invariants of pure and mixed quantum states. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 225304.	2.1	5
20	Local unitary invariants for multipartite quantum systems. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 115302.	2.1	7
21	The Veldkamp space of multiple qubits. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 125303.	2.1	19
22	Special entangled quantum systems and the Freudenthal construction. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 285303.	2.1	26
23	Black hole entropy and finite geometry. Physical Review D, 2009, 79, .	4.7	38
24	Three fermions with six single-particle states can be entangled in two inequivalent ways. Physical Review A, 2008, 78, .	2.5	49
25	Three-qubit operators, the split Cayley hexagon of order two, and black holes. Physical Review D, 2008, 78, .	4.7	49
26	Universal points in the asymptotic spectrum of tensors. , 0, , .		4