PÃ©ter LÃ©vay

List of Publications by Year
in descending order

22 papers	331 citations	1040056 9 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	136 citing authors

#	Article	IF	Citations
1	Elementary formula for entanglement entropies of fermionic systems. Physical Review A, 2005, 72, .	2.5	63
2	Three fermions with six single-particle states can be entangled in two inequivalent ways. Physical Review A, 2008, 78, .	2.5	49
3	Three-qubit operators, the split Cayley hexagon of order two, and black holes. Physical Review D, 2008, 78, .	4.7	49
4	Black hole entropy and finite geometry. Physical Review D, 2009, 79, .	4.7	38
5	Special entangled quantum systems and the Freudenthal construction. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 285303.	2.1	26
6	Entanglement in fermionic Fock space. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 115304.	2.1	22
7	Grassmannian connection between three- and four-qubit observables, Mermin's contextuality and black holes. Journal of High Energy Physics, 2013, 2013, 1.	4.7	16
8	Embedding qubits into fermionic Fock space: Peculiarities of the four-qubit case. Physical Review D, 2015, 91, .	4.7	13
9	Magic three-qubit Veldkamp line: A finite geometric underpinning for form theories of gravity and black hole entropy. Physical Review D, 2017, 96, .	4.7	11
10	Quaternionic gauge fields and the geometric phase. Journal of Mathematical Physics, 1991, 32, 2347-2357.	1.1	8
11	Modified symmetry generators related to solvable scattering problems. Journal of Mathematical Physics, 1995, 36, 6633-6646.	1.1	8
12	Finite geometric toy model of spacetime as an error correcting code. Physical Review D, 2019, 99, .	4.7	8
13	Classification of multipartite systems featuring only $\|W\rangle$ and $\|{GHZ}\rangle$ genuine entangled states. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 085201.	2.1	6
14	Geometric Hyperplanes of the Near Hexagon L3 × GQ(2,2). Letters in Mathematical Physics, 2010, 91, 93-104.	1.1	4
15	Berry curvature, horocycles, and scattering states in AdS_3 Physical Review D, 2019, 100, .	4.7	3
16	On the SU(2) Kepler problem. Journal of Mathematical Physics, 2000, 41, 7382-7385.	1.1	2
17	The coupled cluster method and entanglement in three fermion systems. Journal of Mathematical Physics, 2017, 58, 012203.	1.1	2
18	Invertible symmetric 3×3 binary matrices and GQ(2,4). Linear and Multilinear Algebra, 2012, 60, 1145-1154.	1.1	1

#	Article	IF	Citations
19	A fermionic code related to the exceptional group E 8. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 325301.	2.1	1
20	Cluster algebraic description of entanglement patterns for the BTZ black hole. Physical Review D, 2022, 105, .	4.7	1
21	Scanning spacetime with patterns of entanglement. Physical Review D, 2020, 101, .	4.7	0
22	Special entangled fermionic systems and exceptional symmetries. Journal of Mathematical Chemistry, 0, , .	1.5	0