Satyabrata Adhikari

List of Publications by Year
in descending order

16 papers	117 citations	1478505 6 h-index	1281871 11 g-index
16 all docs	16 docs citations	16 times ranked	72 citing authors

#	Article	IF	Citations
1	Entanglement Witness Operator for Quantum Teleportation. Physical Review Letters, 2011, 107, 270501.	7.8	45
2	Witness for edge states and its characteristics. Physical Review A, 2009, 80, .	2.5	12
3	Construction of optimal teleportation witness operators from entanglement witnesses. Physical Review A, 2012, 86, .	2.5	10
4	Distinguishing different classes of entanglement of three-qubit pure states. European Physical Journal D, 2018, 72, 1.	1.3	9
5	Structural physical approximation for the realization of the optimal singlet fraction with two measurements. Physical Review A, 2018, 97, .	2.5	8
6	Common entanglement witnesses and their characteristics. Quantum Information Processing, 2013, 12, 425-436.	2.2	7
7	Detection of a mixed bipartite entangled state in arbitrary dimension via a structural physical approximation of partial transposition. Physical Review A, 2019, 100, .	2.5	6
8	Probabilistic Teleportation of a Single Qubit: Unearthing New W-Class of States. Journal of Experimental and Theoretical Physics, 2020, 131, 375-384.	0.9	5
9	Constructing a ball of separable and absolutely separable states for $$2\otimes d$$ quantum system. European Physical Journal D, 2021, 75, 1.	1.3	4
10	Estimation of entanglement negativity of a two-qubit quantum system with two measurements. Europhysics Letters, 2018, 124, 40006.	2.0	3
11	Witness operator provides better estimate of the lower bound of concurrence of bipartite bound entangled states in $$d_{1}\otimes d_{2}$$-dimensional system. Quantum Information Processing, 2021, 20, 1.	2.2	3
12	Teleportation Criteria Based on Maximum Eigenvalue of the Shared d âŠ— d Dimensional Mixed State: Beyond Singlet Fraction. International Journal of Theoretical Physics, 2021, 60, 1038-1052.	1.2	2
13	Classification witness operator for the classification of different subclasses of three-qubit GHZ class. Quantum Information Processing, 2021, 20, 1.	2.2	1
14	Structural physical approximation of partial transposition makes possible to distinguish SLOCC inequivalent classes of three-qubit system. European Physical Journal D, 2022, 76, 1.	1.3	1
15	Coherence-based inequality for the discrimination of three-qubit GHZ and W class. Quantum Information Processing, 2022, 21, .	2.2	1
16	Construction of a family of positive but not completely positive map for the detection of bound entangled states. Quantum Information Processing, 2021, 20, 1.	2.2	0