

Mahdi Rezaei Karamati

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

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citations

1478505

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1281871

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g-index

20
all docs

20
docs citations

20
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of temperature on the dynamics of the biological neural network. Journal of Biological Physics, 2022, 48, 111-126.	1.5	2
2	Tumor growth modeling via Fokker-Planck equation. Physica A: Statistical Mechanics and Its Applications, 2022, 596, 127168.	2.6	1
3	Design of field effect transistor biosensor based on graphene nanoribbons with high resolution. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 120, 114036.	2.7	8
4	Exactly solvable model in quadrupole-octupole coupled states. Nuclear Physics A, 2018, 971, 168-199.	1.5	4
5	The effect of angle fluctuations in the multi-second-harmonic generation process of two-dimensional aperiodic optical superlattices. Physica Scripta, 2013, T157, 014025.	2.5	0
6	Multiple quasi-phase-matching in a one-dimensional aperiodically poled optical superlattice. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 175401.	1.5	5
7	THE EFFECTS OF FERROELECTRIC DOMAIN DISORDERING ON THE SECOND HARMONIC GENERATION. Journal of Nonlinear Optical Physics and Materials, 2011, 20, 23-32.	1.8	4
8	Separability criteria via wavelet transform on homogenous spaces and projective representations. Open Physics, 2010, 8, .	1.7	0
9	OPTIMAL UNAMBIGUOUS DISCRIMINATION OF TWO FINITE-DIMENSIONAL COHERENT STATES. International Journal of Quantum Information, 2009, 07, 517-528.	1.1	2
10	An approach to one-dimensional elliptic quasi-exactly solvable models. Pramana - Journal of Physics, 2008, 70, 575-585.	1.8	0
11	Optimal unambiguous discrimination of quantum states. Physical Review A, 2008, 77, .	2.5	31
12	GROUP THEORETICAL APPROACH TO QUANTUM ENTANGLEMENT AND TOMOGRAPHY WITH WAVELET TRANSFORM IN BANACH SPACES. International Journal of Quantum Information, 2007, 05, 367-386.	1.1	3
13	Quantum tomography with wavelet transform in Banach space on homogeneous space. European Physical Journal B, 2007, 60, 193-201.	1.5	1
14	Finite Quantum Tomography and Semidefinite Programming. International Journal of Theoretical Physics, 2007, 46, 1471-1494.	1.2	5
15	Connection between Group Based Quantum Tomography and Wavelet Transform in Banach Spaces. International Journal of Theoretical Physics, 2007, 46, 2326-2338.	1.2	1
16	Generalized qudit Choi maps. Physical Review A, 2006, 74, .	2.5	15
17	Evaluation of relative entropy of entanglement and derivation of optimal Lewenstein-Sanpera decomposition of bell decomposable states via convex optimization. Physica A: Statistical Mechanics and Its Applications, 2005, 349, 459-470.	2.6	6
18	Derivation of the Lewenstein-Sanpera Decomposition via Semidefinite Programming. Quantum Information Processing, 2005, 4, 199-218.	2.2	9

#	ARTICLE	IF	CITATIONS
19	EXACT CALCULATION OF ROBUSTNESS OF ENTANGLEMENT VIA CONVEX SEMI-DEFINITE PROGRAMMING. International Journal of Quantum Information, 2005, 03, 511-533.	1.1	9
20	BEST SEPARABLE APPROXIMATION WITH SEMI-DEFINITE PROGRAMMING METHOD. International Journal of Quantum Information, 2004, 02, 541-558.	1.1	10