

# Mahdi Rezaei Karamati

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5292772/publications.pdf>

Version: 2024-02-01

20  
papers

116  
citations

1478505

6  
h-index

1281871

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal unambiguous discrimination of quantum states. <i>Physical Review A</i> , 2008, 77, .	2.5	31
2	Generalized qudit Choi maps. <i>Physical Review A</i> , 2006, 74, .	2.5	15
3	BEST SEPARABLE APPROXIMATION WITH SEMI-DEFINITE PROGRAMMING METHOD. <i>International Journal of Quantum Information</i> , 2004, 02, 541-558.	1.1	10
4	Derivation of the Lewenstein-Sanpera Decomposition via Semidefinite Programming. <i>Quantum Information Processing</i> , 2005, 4, 199-218.	2.2	9
5	EXACT CALCULATION OF ROBUSTNESS OF ENTANGLEMENT VIA CONVEX SEMI-DEFINITE PROGRAMMING. <i>International Journal of Quantum Information</i> , 2005, 03, 511-533.	1.1	9
6	Design of field effect transistor biosensor based on graphene nanoribbons with high resolution. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 120, 114036.	2.7	8
7	Evaluation of relative entropy of entanglement and derivation of optimal Lewenstein-Sanpera decomposition of bell decomposable states via convex optimization. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 349, 459-470.	2.6	6
8	Finite Quantum Tomography and Semidefinite Programming. <i>International Journal of Theoretical Physics</i> , 2007, 46, 1471-1494.	1.2	5
9	Multiple quasi-phase-matching in a one-dimensional aperiodically poled optical superlattice. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 175401.	1.5	5
10	THE EFFECTS OF FERROELECTRIC DOMAIN DISORDERING ON THE SECOND HARMONIC GENERATION. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2011, 20, 23-32.	1.8	4
11	Exactly solvable model in quadrupole-octupole coupled states. <i>Nuclear Physics A</i> , 2018, 971, 168-199.	1.5	4
12	GROUP THEORETICAL APPROACH TO QUANTUM ENTANGLEMENT AND TOMOGRAPHY WITH WAVELET TRANSFORM IN BANACH SPACES. <i>International Journal of Quantum Information</i> , 2007, 05, 367-386.	1.1	3
13	OPTIMAL UNAMBIGUOUS DISCRIMINATION OF TWO FINITE-DIMENSIONAL COHERENT STATES. <i>International Journal of Quantum Information</i> , 2009, 07, 517-528.	1.1	2
14	The effects of temperature on the dynamics of the biological neural network. <i>Journal of Biological Physics</i> , 2022, 48, 111-126.	1.5	2
15	Quantum tomography with wavelet transform in Banach space on homogeneous space. <i>European Physical Journal B</i> , 2007, 60, 193-201.	1.5	1
16	Connection between Group Based Quantum Tomography and Wavelet Transform in Banach Spaces. <i>International Journal of Theoretical Physics</i> , 2007, 46, 2326-2338.	1.2	1
17	Tumor growth modeling via Fokker-Planck equation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 596, 127168.	2.6	1
18	An approach to one-dimensional elliptic quasi-exactly solvable models. <i>Pramana - Journal of Physics</i> , 2008, 70, 575-585.	1.8	0

#	ARTICLE	IF	CITATIONS
19	Separability criteria via wavelet transform on homogenous spaces and projective representations. Open Physics, 2010, 8, .	1.7	0
20	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