

Shahid Iqbal

List of Publications by Year in descending order

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25
papers

284
citations

932766

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940134

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25
all docs

25
docs citations

25
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact Solutions of Schrödinger Equation for the Position-Dependent Effective Mass Harmonic Oscillator. Communications in Theoretical Physics, 2014, 62, 790-794.	1.1	31
2	Quantum recurrences in driven power-law potentials. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 356, 231-236.	0.9	23
3	Coherent states for nonlinear harmonic oscillator and some of its properties. Journal of Mathematical Physics, 2015, 56, 062108.	0.5	23
4	Algebraic solutions of shape-invariant position-dependent effective mass systems. Journal of Mathematical Physics, 2016, 57, .	0.5	23
5	Barut-Girardello Coherent States for Nonlinear Oscillator with Position-Dependent Mass. Communications in Theoretical Physics, 2016, 66, 41-48.	1.1	19
6	Space-Time Dynamics of Gazeau-Klauder Coherent States in Power-Law Potentials. International Journal of Theoretical Physics, 2010, 49, 2540-2557.	0.5	17
7	Generalized coherent states and their statistical characteristics in power-law potentials. Journal of Mathematical Physics, 2011, 52, .	0.5	17
8	Gazeau-Klauder coherent states of the triangular-well potential. Journal of Russian Laser Research, 2013, 34, 77-86.	0.3	15
9	Coherent States of Nonlinear Oscillators with Position-Dependent Mass: Temporal Stability and Fractional Revivals. Communications in Theoretical Physics, 2017, 68, 181.	1.1	15
10	Generalized Coherent States for Position-Dependent Effective Mass Systems. Communications in Theoretical Physics, 2016, 66, 615-620.	1.1	12
11	Ladder operators and associated algebra for position-dependent effective mass systems. Europhysics Letters, 2015, 111, 20005.	0.7	11
12	Comment on "Generalized Heisenberg algebra coherent states for power-law potentials" [Phys. Lett. A 375 (3) (2011) 298]. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1531-1533.	0.9	10
13	Comment on "Coherent states for the nonlinear harmonic oscillator" [J. Math. Phys. 53, 062104 (2012)]. Journal of Mathematical Physics, 2014, 55, 114101.	0.5	10
14	Quantum Carpets: a Probe to Identify Wave-Packet Fractional Revivals. Journal of Russian Laser Research, 2016, 37, 328-336.	0.3	10
15	Electronic excitation by short x-ray pulses: from quantum beats to wave packet revivals. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 124039.	0.6	9
16	Coherent states of position-dependent mass trapped in an infinite square well. Journal of Mathematical Physics, 2020, 61, .	0.5	9
17	Photon-Added SU(1, 1) Coherent States and their Non-Classical Properties. International Journal of Theoretical Physics, 2019, 58, 1776-1790.	0.5	7
18	Quantum computing with particle in a driven square well. Journal of Russian Laser Research, 2008, 29, 466-473.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Dynamical Interference of Shannon Information Entropy: Identification of Wave-Packet Fractional Revivals. <i>Journal of Russian Laser Research</i> , 2020, 41, 451-458.	0.3	4
20	Construction and Properties of Photon-Added $su(1)$ Algebraic Squeezed States. <i>Journal of Russian Laser Research</i> , 2020, 41, 1-10.	0.3	3
21	Information entropy, fractional revivals and Schrödinger equation with position-dependent mass. <i>Physica Scripta</i> , 2022, 97, 015001.	1.2	3
22	Quantum Dynamical Recurrences in Position-Dependent Mass Systems. <i>Journal of Russian Laser Research</i> , 2022, 43, 96-103.	0.3	3
23	Comment on "Stringy-coherent states inspired by generalized uncertainty principle" [Phys. Lett. B 711 (5) (2012) 423-427]. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 725, 487-488.	1.5	2
24	Quantum Dynamical Behavior of the Morse Oscillator: the Wigner Function Approach. <i>Journal of Russian Laser Research</i> , 2018, 39, 544-551.	0.3	2
25	On the Algebraic Solutions of Quantum Systems with Position-Dependent Effective Mass. , 2018, , .		0