

# Sudha Singh

## List of Publications by Year in descending order

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16  
papers

62  
citations

1684188

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h-index

1588992

8  
g-index

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16  
docs citations

16  
times ranked

21  
citing authors

#	ARTICLE	IF	CITATIONS
1	Volumetric modulated arc therapy: a dosimetric comparison with dynamic IMRT and step-and-shoot IMRT. <i>Journal of Radiotherapy in Practice</i> , 2020, 19, 393-398.	0.5	1
2	Dynamical Properties of Intensity Dependent Two-Mode Raman Coupled Model in a Kerr Medium. <i>International Journal of Theoretical Physics</i> , 2019, 58, 1721-1744.	1.2	0
3	Dynamics of Kerr-like medium with two-mode intensity-dependent cavity fields. <i>Laser Physics</i> , 2019, 29, 015202.	1.2	2
4	Point Dose Measurement for Verification of Treatment Planning System using an Indigenous Heterogeneous Pelvis Phantom for Clarkson, Convolution, Superposition, and Fast Superposition Algorithms. <i>Journal of Biomedical Physics and Engineering</i> , 2019, 9, 613-620.	0.9	0
5	Evolution of Atomic Entanglement for Different Cavity-Field Statistics in Single-Mode Two-Photon Process. <i>Journal of Experimental and Theoretical Physics</i> , 2018, 127, 391-397.	0.9	2
6	Influence of Kerr-like medium on the dynamics of a two-mode Raman coupled model. <i>Journal of Modern Optics</i> , 2016, 63, 1506-1520.	1.3	5
7	Dynamics for the collective model of two atoms interacting with two-mode quantized radiation fields in a Raman type process. <i>Optik</i> , 2015, 126, 2199-2207.	2.9	0
8	Effects of Cavity-Field Statistics on Atomic Entanglement in Two-Mode Jaynes-Cummings Model. <i>International Journal of Theoretical Physics</i> , 2013, 52, 3874-3885.	1.2	2
9	Nonclassical dynamics with time- and intensity-dependent coupling. <i>Quantum Information Processing</i> , 2013, 12, 2103-2120.	2.2	2
10	Dynamics of the Two Atoms Interacting with Quantized Two Modes Cavity Fields in the Ladder Configuration. <i>International Journal of Theoretical Physics</i> , 2013, 52, 137-155.	1.2	0
11	Effects of cavity-field statistics on atomic entanglement in a two-mode Jaynes-Cummings model with intensity-dependent coupling. <i>Journal of Modern Optics</i> , 2013, 60, 666-673.	1.3	3
12	Dynamics for two atoms interacting with intensity-dependent two-mode quantized cavity fields in the ladder configuration. <i>Physical Review A</i> , 2012, 86, .	2.5	18
13	Exact Solutions for Jaynes-Cummings Models with Non-degenerate Two-Photon Transitions in the Ladder Configuration. <i>International Journal of Theoretical Physics</i> , 2012, 51, 838-851.	1.2	9
14	Exact Solutions for Two-Channel Cavity QED Model by Unitary Transformation Method. <i>International Journal of Theoretical Physics</i> , 2011, 50, 3015-3022.	1.2	0
15	Solutions of two-mode Jaynes-Cummings models. <i>Pramana - Journal of Physics</i> , 2008, 70, 887-900.	1.8	5
16	Unitary transformation method for solving generalized Jaynes-Cummings models. <i>Pramana - Journal of Physics</i> , 2006, 66, 615-620.	1.8	13