

N Meenakshisundaram

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

126
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Bandgap scaling and negative differential resistance behavior of zigzag phosphorene antidot nanoribbons (ZPANRs). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14855-14863.	2.8	6
2	Calculation of the atomic electric dipole moment of Pb ²⁺ induced by nuclear Schiff moment. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 145003.	1.5	1
3	Phase tuned synthesis of titanium dioxide nanoparticles for room temperature enhanced ammonia detection. <i>RSC Advances</i> , 2017, 7, 37720-37728.	3.6	19
4	The Analysis of Eigenstates of a Few Generalized Quantum Baker's Maps Using Hadamard and Related Transforms. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016, 26, 1650057.	1.7	0
5	Micro-viscosity induced conformational transitions in poly-L-lysine. <i>RSC Advances</i> , 2016, 6, 74009-74017.	3.6	6
6	Influence of Ficoll on urea induced denaturation of fibrinogen. <i>AIP Advances</i> , 2016, 6, 035130.	1.3	2
7	Design and analysis of dual periodic optical superlattices using Walsh-Hadamard transform matrix. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	3.3	2
8	Hypersensitivity to perturbation of some crucial operators relevant to quantum computation. <i>Physica Scripta</i> , 2015, 90, 035102.	2.5	0
9	A systematic approach for designing quasi-periodic optical superlattices using the Hadamard matrix. <i>Journal of Optics (United Kingdom)</i> , 2014, 16, 015204.	2.2	9
10	Modeling Basal Ganglia for Understanding Parkinsonian Reaching Movements. <i>Neural Computation</i> , 2011, 23, 477-516.	2.2	49
11	Using the Hadamard and related transforms for simplifying the spectrum of the quantum baker's map. <i>Journal of Physics A</i> , 2006, 39, 11205-11216.	1.6	8
12	Multifractal eigenstates of quantum chaos and the Thue-Morse sequence. <i>Physical Review E</i> , 2005, 71, 065303.	2.1	24