

Harsh Mathur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9313029/publications.pdf>

Version: 2024-02-01

19
papers

350
citations

1478505

6
h-index

1372567

10
g-index

20
all docs

20
docs citations

20
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing Inflation with CMB Polarization. , 2009, , .		252
2	Solvable regime of disorder and interactions in ballistic nanostructures: Consequences for Coulomb blockade. Physical Review B, 2004, 69, .	3.2	18
3	Aharonov-Bohm radiation. Physical Review D, 2010, 81, .	4.7	15
4	Aharonov-Bohm radiation of fermions. Physical Review D, 2010, 82, .	4.7	14
5	Probing the gravitational wave signature from cosmic phase transitions at different scales. Physical Review D, 2010, 82, .	4.7	13
6	Particle in a box in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{-symmetric quantum mechanics and an electromagnetic analog. Physical Review A, 2013, 87, .}$	2.5	7
7	The radial acceleration relation and a magnetostatic analogy in quasilinear MOND. New Journal of Physics, 2018, 20, 063042.	2.9	7
8	Level spacings in random matrix theory and Coulomb blockade peaks in quantum dots. Physical Review B, 2007, 76, .	3.2	5
9	Diamagnetic persistent currents and spontaneous time-reversal symmetry breaking in mesoscopic structures. Physical Review B, 2004, 69, .	3.2	3
10	Ballistic chaotic quantum dots with interactions: A numerical study of the Robnik-Berry billiard. Physical Review B, 2005, 72, .	3.2	3
11	Zero modes on cosmic strings in an external magnetic field. Physical Review D, 2006, 74, .	4.7	3
12	Nonexponential tunneling and control of microwave absorption lineshapes via Fano resonance for electrons on helium. Physical Review B, 2014, 90, .	3.2	2
13	Electrostatic analogy for symmetron gravity. Physical Review D, 2017, 96, .	4.7	2
14	Contact interactions and Kronig-Penney models in Hermitian and \mathcal{PT} -symmetric quantum mechanics. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 495204.	2.1	2
15	Effect of forcing on vacuum radiation. Physical Review A, 2019, 99, .	2.5	2
16	Symmetry breaking, strain solitons, and mechanical edge modes in monolayer antimony. Physical Review B, 2020, 102, .	3.2	2
17	Influence of a mesoscopic bath on quantum coherence. Physical Review B, 2005, 72, .	3.2	0
18	Terahertz Electric Polarizability of Multiple Excitons in CdSe Quantum Dots. , 2007, , .		0

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19	Terahertz electric polarizability of multiple excitons in CdSe quantum dots. , 2007, , .		0