

Kinjalk Lochan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/738627/publications.pdf>

Version: 2024-02-01

17
papers

965
citations

1040018

9
h-index

888047

17
g-index

17
all docs

17
docs citations

17
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Models of wave-function collapse, underlying theories, and experimental tests. <i>Reviews of Modern Physics</i> , 2013, 85, 471-527.	45.6	775
2	Black Holes: Eliminating Information or Illuminating New Physics?. <i>Universe</i> , 2017, 3, 55.	2.5	41
3	Trace Dynamics and a non-commutative special relativity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011, 375, 3747-3750.	2.1	17
4	Statistical Thermodynamics for a Non-commutative Special Relativity: Emergence of a Generalized Quantum Dynamics. <i>Foundations of Physics</i> , 2012, 42, 1556-1572.	1.3	17
5	Extracting Information about the Initial State from the Black Hole Radiation. <i>Physical Review Letters</i> , 2016, 116, 051301.	7.8	16
6	Detecting Acceleration-Enhanced Vacuum Fluctuations with Atoms Inside a Cavity. <i>Physical Review Letters</i> , 2020, 125, 241301.	7.8	15
7	Quantum correlators in Friedmann spacetimes: The omnipresent de Sitter spacetime and the invariant vacuum noise. <i>Physical Review D</i> , 2018, 98, .	4.7	14
8	Signature of neutrino mass hierarchy in gravitational lensing. <i>Physical Review D</i> , 2020, 102, .	4.7	13
9	Noise kernel for the self-similar Tolman-Bondi metric: Fluctuations on the Cauchy horizon. <i>Physical Review D</i> , 2013, 87, .	4.7	11
10	Tunneling during quantum collapse in AdS spacetime. <i>Physical Review D</i> , 2013, 87, .	4.7	8
11	A Comparison Between Models of Gravity Induced Decoherence. <i>Foundations of Physics</i> , 2015, 45, 1537-1560.	1.3	8
12	Unruh-DeWitt detector responses for complex scalar fields in de Sitter spacetime. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	7
13	Generalized thermalization for integrable system under quantum quench. <i>Physical Review E</i> , 2018, 97, 012142.	2.1	6
14	Stress energy correlator in de Sitter spacetime: Its conformal masking or growth in connected Friedmann universes. <i>Physical Review D</i> , 2020, 102, .	4.7	6
15	Unruh effect for inertial observers through vacuum correlations. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	5
16	Aspects of gravitational decoherence in neutrino lensing. <i>Physical Review D</i> , 2021, 104, .	4.7	4
17	Infrared signatures of a quantum bounce in a minisuperspace analysis of Lemaître-Tolman-Bondi dust collapse. <i>Physical Review D</i> , 2021, 104, .	4.7	2