

Yen-Kheng Lim

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

224
citations

1040056

9
h-index

996975

15
g-index

24
all docs

24
docs citations

24
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of test magnetic fields and charged particle motion around the Hayward spacetime. <i>Physical Review D</i> , 2022, 105, .	4.7	1
2	Motion of charged particles around a magnetic black hole or topological star with a compact extra dimension. <i>Physical Review D</i> , 2021, 103, .	4.7	9
3	The zero-temperature limit of grand canonical ensembles via tropical geometry. <i>Analysis and Mathematical Physics</i> , 2021, 11, 1.	1.3	0
4	Null geodesics in the C metric with a cosmological constant. <i>Physical Review D</i> , 2021, 103, .	4.7	6
5	Solenoid Configurations and Gravitational Free Energy of the AdS-Melvin Spacetime. <i>Entropy</i> , 2021, 23, 1477.	2.2	0
6	Light-ring pairs from A-discriminantal varieties. <i>Physical Review D</i> , 2021, 104, .	4.7	1
7	Orbital mechanics and quasiperiodic oscillation resonances of black holes in Einstein-Ätther theory. <i>Physical Review D</i> , 2020, 102, .	4.7	25
8	Hypocycloid motion in the Melvin magnetic universe. <i>Physical Review D</i> , 2020, 101, .	4.7	4
9	Charged dilaton black hole with multiple Liouville potentials and gauge fields. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	1
10	Gravitational lensing in conformal and emergent gravity. <i>EPJ Web of Conferences</i> , 2019, 206, 07002.	0.3	1
11	Criteria of existence for bounce solutions in false vacuum decay with gravity. <i>Classical and Quantum Gravity</i> , 2018, 35, 045016.	4.0	2
12	Field equations and particle motion in covariant emergent gravity. <i>Physical Review D</i> , 2018, 98, .	4.7	4
13	Electric or magnetic universe with a cosmological constant. <i>Physical Review D</i> , 2018, 98, .	4.7	8
14	Exact gravitational lensing in conformal gravity and Schwarzschild-de Sitter spacetime. <i>Physical Review D</i> , 2017, 95, .	4.7	26
15	Kasner-type singularities and solitons with Lifshitz asymptotics. <i>Physical Review D</i> , 2017, 96, .	4.7	0
16	Periodic orbits around a spherically symmetric naked singularity. <i>Physical Review D</i> , 2017, 96, .	4.7	30
17	Cohomogeneity-one solutions in Einstein-Maxwell-dilaton gravity. <i>Physical Review D</i> , 2017, 95, .	4.7	4
18	Charged C-metric in conformal gravity. <i>Physical Review D</i> , 2016, 93, .	4.7	0

#	ARTICLE	IF	CITATIONS
19	Dynamics of a charged particle around a weakly magnetized naked singularity. International Journal of Modern Physics D, 2016, 25, 1650024.	2.1	41
20	Deformed hyperbolic black holes. Physical Review D, 2015, 92, .	4.7	18
21	New form of the C metric with cosmological constant. Physical Review D, 2015, 91, .	4.7	12
22	Motion of charged particles around a magnetized/electrified black hole. Physical Review D, 2015, 91, .	4.7	18
23	Geodesic motion in the vacuum C metric. Physical Review D, 2014, 89, .	4.7	10
24	Warped branches of flux compactifications. Physical Review D, 2012, 85, .	4.7	3