

Yen-Kheng Lim

List of Publications by Year in descending order

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153
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Dynamics of a charged particle around a weakly magnetized naked singularity. International Journal of Modern Physics D, 2016, 25, 1650024. | 2.1 | 41 |
| 2 | Periodic orbits around a spherically symmetric naked singularity. Physical Review D, 2017, 96, . | 4.7 | 30 |
| 3 | Exact gravitational lensing in conformal gravity and Schwarzschild-de Sitter spacetime. Physical Review D, 2017, 95, . | 4.7 | 26 |
| 4 | Orbital mechanics and quasiperiodic oscillation resonances of black holes in Einstein-Ätther theory. Physical Review D, 2020, 102, . | 4.7 | 25 |
| 5 | Deformed hyperbolic black holes. Physical Review D, 2015, 92, . | 4.7 | 18 |
| 6 | Motion of charged particles around a magnetized/electrified black hole. Physical Review D, 2015, 91, . | 4.7 | 18 |
| 7 | New form of the C metric with cosmological constant. Physical Review D, 2015, 91, . | 4.7 | 12 |
| 8 | Geodesic motion in the vacuum C metric. Physical Review D, 2014, 89, . | 4.7 | 10 |
| 9 | Motion of charged particles around a magnetic black hole or topological star with a compact extra dimension. Physical Review D, 2021, 103, . | 4.7 | 9 |
| 10 | Electric or magnetic universe with a cosmological constant. Physical Review D, 2018, 98, . | 4.7 | 8 |
| 11 | Null geodesics in the C metric with a cosmological constant. Physical Review D, 2021, 103, . | 4.7 | 6 |
| 12 | Cohomogeneity-one solutions in Einstein-Maxwell-dilaton gravity. Physical Review D, 2017, 95, . | 4.7 | 4 |
| 13 | Field equations and particle motion in covariant emergent gravity. Physical Review D, 2018, 98, . | 4.7 | 4 |
| 14 | Hypocycloid motion in the Melvin magnetic universe. Physical Review D, 2020, 101, . | 4.7 | 4 |
| 15 | Warped branches of flux compactifications. Physical Review D, 2012, 85, . | 4.7 | 3 |
| 16 | Criteria of existence for bounce solutions in false vacuum decay with gravity. Classical and Quantum Gravity, 2018, 35, 045016. | 4.0 | 2 |
| 17 | Gravitational lensing in conformal and emergent gravity. EPJ Web of Conferences, 2019, 206, 07002. | 0.3 | 1 |
| 18 | Charged dilaton black hole with multiple Liouville potentials and gauge fields. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Light-ring pairs from A-discriminantal varieties. Physical Review D, 2021, 104, . | 4.7 | 1 |
| 20 | Structure of test magnetic fields and charged particle motion around the Hayward spacetime. Physical Review D, 2022, 105, . | 4.7 | 1 |
| 21 | ChargedC-metric in conformal gravity. Physical Review D, 2016, 93, . | 4.7 | 0 |
| 22 | Kasner-type singularities and solitons with Lifshitz asymptotics. Physical Review D, 2017, 96, . | 4.7 | 0 |
| 23 | The zero-temperature limit of grand canonical ensembles via tropical geometry. Analysis and Mathematical Physics, 2021, 11, 1. | 1.3 | 0 |
| 24 | Solenoid Configurations and Gravitational Free Energy of the AdSâ€“Melvin Spacetime. Entropy, 2021, 23, 1477. | 2.2 | 0 |