

Piyabut

List of Publications by Year in descending order

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42
papers

490
citations

687363

13
h-index

752698

20
g-index

42
all docs

42
docs citations

42
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass bounds for compact spherically symmetric objects in generalized gravity theories. Physical Review D, 2016, 94, .	4.7	42
2	Shear viscosity in holography and effective theory of transport without translational symmetry. Physical Review D, 2016, 94, .	4.7	40
3	Modeling and Control of Multiphase Interleaved Fuel-Cell Boost Converter Based on Hamiltonian Control Theory for Transportation Applications. IEEE Transactions on Transportation Electrification, 2020, 6, 519-529.	7.8	34
4	TeV-scale string resonances at hadron colliders. Physical Review D, 2005, 71, .	4.7	31
5	Fitting rotation curves of galaxies by de Rham-Gabadadze-Tolley massive gravity. Physical Review D, 2018, 98, .	4.7	30
6	Charged scalar perturbations on charged black holes in de Rham-Gabadadze-Tolley massive gravity. Physical Review D, 2017, 96, .	4.7	25
7	The minimum mass of a spherically symmetric object in D-dimensions, and its implications for the mass hierarchy problem. European Physical Journal C, 2015, 75, 1.	3.9	21
8	Robust Hamiltonian Energy Control Based on Lyapunov Function for Four-Phase Parallel Fuel Cell Boost Converter for DC Microgrid Applications. IEEE Transactions on Sustainable Energy, 2021, 12, 1500-1511.	8.8	21
9	The minimum mass of a charged spherically symmetric object in D dimensions, its implications for fundamental particles, and holography. European Physical Journal C, 2016, 76, 1.	3.9	18
10	Quasinormal modes of black strings in de Rham-Gabadadze-Tolley massive gravity. European Physical Journal C, 2018, 78, 1.	3.9	18
11	Thermodynamic properties of holographic multiquark and the multiquark star. Journal of High Energy Physics, 2010, 2010, 1.	4.7	14
12	Massive neutron stars with holographic multiquark cores. European Physical Journal C, 2021, 81, 1.	3.9	14
13	Publisher's Note: TeV-scale string resonances at hadron colliders [Phys. Rev. D71, 016005 (2005)]. Physical Review D, 2005, 71, .	4.7	13
14	Mass-radius ratio bounds for compact objects in Lorentz-violating dRGT massive gravity theory. European Physical Journal C, 2018, 78, 1.	3.9	13
15	Resolving Hubble tension with quintom dark energy model *. Chinese Physics C, 2021, 45, 015108.	3.7	13
16	Aspects of the screening length and drag force in two alternative gravity duals of the quark-gluon plasma. Journal of High Energy Physics, 2007, 2007, 067-067.	4.7	12
17	Charged fermion in $(1+2)$ -dimensional wormhole with axial magnetic field. European Physical Journal C, 2019, 79, 1.	3.9	11
18	Quasi-normal modes of near-extremal black holes in generalized spherically symmetric spacetime and strong cosmic censorship conjecture. European Physical Journal C, 2020, 80, 1.	3.9	10

#	ARTICLE	IF	CITATIONS
19	Effective quark antiquark potential in the quark gluon plasma from gravity dual models. Journal of High Energy Physics, 2007, 2007, 046-046.	4.7	9
20	A new mass scale, implications on black hole evaporation and holography. International Journal of Modern Physics A, 2016, 31, 1650089.	1.5	9
21	Near-horizon quasinormal modes of charged scalar around a general spherically symmetric black hole. Physical Review D, 2019, 99, .	4.7	8
22	Open-string singlet interaction as pomeron in elastic pp, pp scattering. European Physical Journal C, 2019, 79, 1.	3.9	8
23	The Mixed Phase of Charged AdS Black Holes. Advances in High Energy Physics, 2016, 2016, 1-18.	1.1	7
24	Does space-time torsion determine the minimum mass of gravitating particles?. European Physical Journal C, 2018, 78, 253.	3.9	7
25	Holographic Multiquarks in the Quark-Gluon Plasma: A Review. Advances in High Energy Physics, 2011, 2011, 1-40.	1.1	6
26	EFFECTS OF CHAMELEON SCALAR FIELD ON ROTATION CURVES OF THE GALAXIES. International Journal of Modern Physics D, 2012, 21, 1250041.	2.1	6
27	Holographic magnetic star. Journal of High Energy Physics, 2012, 2012, 1.	4.7	6
28	Comments on holographic star and the dual QGP. Journal of High Energy Physics, 2014, 2014, 1.	4.7	6
29	The QCD mass gap and quark deconfinement scales as mass bounds in strong gravity. European Physical Journal C, 2017, 77, 1.	3.9	6
30	Tidal deformation and radial pulsations of neutron star with holographic multiquark core. European Physical Journal C, 2022, 82, 1.	3.9	6
31	Quasi-normal modes of near-extremal black holes and black strings in massive gravity background. International Journal of Modern Physics D, 2022, 31, .	2.1	5
32	Similarity between Kaluza-Klein and Open-string amplitudes in Diphoton Production. Journal of High Energy Physics, 2004, 2004, 053-053.	4.7	4
33	TeV-scale stringy signatures at the electron-positron collider. Physical Review D, 2006, 73, .	4.7	3
34	UNIVERSAL OPEN-STRING SINGLET INTERACTION. International Journal of Modern Physics A, 2007, 22, 29-39.	1.5	3
35	Magnetic properties of holographic multiquarks in the quark-gluon plasma. Journal of High Energy Physics, 2010, 2010, 1.	4.7	3
36	Slowly rotating neutron star with holographic multiquark core: I-Love-Q relations. Physical Review D, 2022, 105, .	4.7	3

#	ARTICLE	IF	CITATIONS
37	Magnetic phase diagram of dense holographic multiquarks in the quark-gluon plasma. Journal of High Energy Physics, 2011, 2011, 1.	4.7	2
38	Chiral symmetry breaking from two-loop effective potential of the holographic non-local NJL model. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 035001.	3.6	1
39	Mass-radius bounds in massive gravity models. Journal of Physics: Conference Series, 2018, 1144, 012015.	0.4	1
40	Scattering of charged fermion to two-dimensional wormhole with constant axial magnetic flux. European Physical Journal C, 2020, 80, 1.	3.9	1
41	Publisher's Note: TeV-scale string resonances at hadron colliders [Phys. Rev. D71, 016005 (2005);71, 019905 (2005)]. Physical Review D, 2005, 71, .	4.7	0
42	Magnetized domain walls in the deconfined Sakai-Sugimoto model at finite Baryon density. Journal of High Energy Physics, 2011, 2011, 1.	4.7	0