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List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

2,611
citations

182225

30
h-index

223390

49
g-index

95
all docs

95
docs citations

95
times ranked

1724
citing authors

#	ARTICLE	IF	CITATIONS
1	LHC constraints on hidden gravitons. Journal of High Energy Physics, 2022, 2022, 1.	1.6	1
2	Pseudo-Kähler-Einstein geometries. Physical Review D, 2022, 105, .	1.6	0
3	Nonrelativistic formation of scalar clumps as a candidate for dark matter. Physical Review D, 2020, 102, .	1.6	6
4	Gravitational production of scalar dark matter. Journal of High Energy Physics, 2020, 2020, 1.	1.6	21
5	k -essence scalar dark matter solitons around supermassive black holes. Physical Review D, 2020, 101, .	1.6	7
6	Fate of scalar dark matter solitons around supermassive galactic black holes. Physical Review D, 2020, 101, .	1.6	22
7	Fundamental physics with the Square Kilometre Array. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	179
8	Nonminimal scalar-tensor theories. Physical Review D, 2020, 101, .	1.6	0
9	SKA-Phase 1 sensitivity to synchrotron radio emission from multi-TeV Dark Matter candidates. Physics of the Dark Universe, 2020, 27, 100448.	1.8	12
10	Derivative couplings in gravitational production in the early universe. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
11	Dark photon searches with atomic transitions. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
12	Impact of kinetic and potential self-interactions on scalar dark matter. Physical Review D, 2019, 100, .	1.6	18
13	Analysis of branon dark matter and extra-dimensional models with AMS-02. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 345-353.	1.5	5
14	Non-Geodesic Incompleteness in Poincaré Gauge Gravity. Entropy, 2019, 21, 280.	1.1	6
15	Fermion dynamics in torsion theories. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 039-039.	1.9	11
16	Modified gravity as a diagravitational medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 336-340.	1.5	5
17	Scale holography. European Physical Journal C, 2018, 78, 1.	1.4	1
18	On scalar and vector fields coupled to the energy-momentum tensor. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6

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19	Constraints on anharmonic corrections of fuzzy dark matter. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	24
20	Graviton-photon oscillation in alternative theories of gravity. <i>Classical and Quantum Gravity</i> , 2018, 35, 205008.	1.5	5
21	Extended Reissner-Nordström solutions sourced by dynamical torsion. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 779, 143-150.	1.5	23
22	New torsion black hole solutions in Poincaré gauge theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 014-014.	1.9	35
23	Singularities and n-dimensional black holes in torsion theories. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 021-021.	1.9	12
24	Perturbations of ultralight vector field dark matter. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	25
25	Correspondence between Einstein-Yang-Mills-Lorentz systems and dynamical torsion models. <i>Physical Review D</i> , 2017, 96, .	1.6	1
26	Constraints on hidden gravitons from fifth-force experiments and stellar energy loss. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	3
27	Stability in quadratic torsion theories. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	14
28	Einstein-Yang-Mills-Lorentz black holes. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	4
29	Disformal scalars as dark matter candidates – Branon phenomenology. <i>International Journal of Modern Physics A</i> , 2016, 31, 1630015.	0.5	15
30	Modified gravity and dark matter. <i>Journal of Physics: Conference Series</i> , 2016, 718, 032004.	0.3	7
31	Magnetic dipole moments for composite dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 034-034.	1.9	1
32	Cosmological perturbations in coherent oscillating scalar field models. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	40
33	Gamma-ray and Neutrino Fluxes from Heavy Dark Matter in the Galactic Center. <i>Physics Procedia</i> , 2015, 61, 694-703.	1.2	4
34	Thermodynamic Analysis of Non-Linear Reissner-Nordström Black Holes. <i>Universe</i> , 2015, 1, 412-421.	0.9	9
35	Reissner-Nordström black holes in the inverse electrodynamics model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 042-042.	1.9	19
36	Antiproton signatures from astrophysical and dark matter sources at the galactic center. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 041-041.	1.9	17

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37	The Raychaudhuri equation in homogeneous cosmologies. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 012-012.	1.9	30
38	Isotropy theorem for arbitrary-spin cosmological fields. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 042-042.	1.9	19
39	Neutrino fluxes from dark matter in the HESS J1745-290 source at the Galactic center. Physical Review D, 2014, 90, .	1.6	11
40	The large-scale structure of vacuum. International Journal of Modern Physics D, 2014, 23, 1442019.	0.9	9
41	KERR-NEWMAN BLACK HOLES IN $f(R)$ THEORIES. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1450001.	0.8	61
42	Cosmic Rays from Heavy Dark Matter from the Galactic Center. , 2014, , .		1
43	Reliability of Monte Carlo event generators for gamma-ray dark matter searches. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
44	Isotropy theorem for cosmological Yang-Mills theories. Physical Review D, 2013, 87, .	1.6	40
45	CPT analysis with top physics. Hyperfine Interactions, 2013, 215, 39-44.	0.2	3
46	Spectral study of the HESS J1745-290 gamma-ray source as dark matter signal. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 051-051.	1.9	26
47	On the non-attractive character of gravity $f(R)$ theories. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 009-009.	1.9	46
48	Complete density perturbations in the Jordan-Fierz-Brans-Dicke theory. Physical Review D, 2013, 88, .	1.6	11
49	Brane worlds at the LHC: Branons and KK gravitons. Physical Review D, 2013, 88, .	1.6	24
50	CPT analysis with top physics. , 2013, , 233-238.		0
51	Focusing of geodesic congruences in an accelerated expanding Universe. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 020-020.	1.9	27
52	Indirect constraints to branon dark matter. , 2012, , .		2
53	Modified spinning black holes. , 2012, , .		4
54	On the collapse in fourth order gravities. , 2012, , .		7

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55	Non-local cosmological evolutions. , 2012, , .		0
56	Gravitational collapse in $f(R)$ theories. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 021-021.	1.9	119
57	Possible dark matter origin of the gamma ray emission from the Galactic Center observed by HESS. Physical Review D, 2012, 86, .	1.6	31
58	Detection of branon dark matter with gamma ray telescopes. Physical Review D, 2012, 85, .	1.6	32
59	Isotropy theorem for cosmological vector fields. Physical Review D, 2012, 86, .	1.6	49
60	Photon spectra from WIMP annihilation. Physical Review D, 2011, 83, .	1.6	55
61	R^2 Dark Matter. Journal of Physics: Conference Series, 2011, 315, 012004.	0.3	20
62	Dark Matter and Higgs Sector. Journal of Physics: Conference Series, 2011, 315, 012012.	0.3	5
63	Fitting formulae for photon spectra from WIMP annihilation. Journal of Physics: Conference Series, 2011, 314, 012063.	0.3	10
64	QCD contributions to the thermal history of the early Universe. , 2011, , .		2
65	Impact of dark matter direct searches and the LHC analyses on branon phenomenology. Physical Review D, 2011, 84, .	1.6	27
66	Photon spectra from quark generation by WIMPs. , 2011, , .		8
67	Thermodynamics and cosmological constant of non-local field theories from p-adic strings. Journal of High Energy Physics, 2010, 2010, 1.	1.6	27
68	Thermal Duality and Hagedorn Transition from p -adic Strings. Physical Review Letters, 2010, 104, 021601.	2.9	55
69	Finite temperature solitons in nonlocal field theories from p-adic strings. Physical Review D, 2010, 82, .	1.6	35
70	Dark Matter from R^2 Gravity. Physical Review Letters, 2009, 102, 141301.	2.9	171
71	Quantum corrections to the cosmological evolution of conformally coupled fields. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 025-025.	1.9	28
72	QCD Effects in Cosmology. , 2009, , .		5

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73	Diffuse MeV gamma rays and galactic 511 keV line from decaying WIMP dark matter. Physical Review D, 2008, 77, .	1.6	36
74	Is the CMB cold spot a gate to extra dimensions?. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 039.	1.9	35
75	Searching for CPT violation in $m_{\tilde{t}}$ production. Europhysics Letters, 2008, 82, 21001.	0.7	25
76	CATCHING PHOTONS FROM EXTRA DIMENSIONS. , 2008, , .		0
77	Gravitino and Axino SuperWIMPs. AIP Conference Proceedings, 2007, , .	0.3	16
78	Some model-independent phenomenological consequences of flexible braneworlds. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 6631-6640.	0.7	23
79	Resolving Cosmic Gamma Ray Anomalies with Dark Matter Decaying Now. Physical Review Letters, 2007, 99, 191301.	2.9	45
80	Exotic collider signals from the complete phase diagram of minimal universal extra dimensions. Physical Review D, 2007, 75, .	1.6	52
81	The Newtonian limit at intermediate energies. Physical Review D, 2006, 73, .	1.6	136
82	Dark matter clues in the muon anomalous magnetic moment. Physical Review D, 2006, 73, .	1.6	39
83	Branon radiative corrections to collider physics and precision observables. Physical Review D, 2006, 73, .	1.6	40
84	BRANONS AS DARK MATTER. , 2006, , .		0
85	BRANON DARK MATTER: AN INTRODUCTION. , 2005, , .		0
86	Superweakly Interacting Massive Particle Solutions to Small Scale Structure Problems. Physical Review Letters, 2005, 95, 181301.	2.9	125
87	Branon search in hadronic colliders. Physical Review D, 2004, 70, .	1.6	55
88	DARK GEOMETRY. International Journal of Modern Physics D, 2004, 13, 2275-2279.	0.9	34
89	Search for branons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 145-154.	1.5	37
90	Cosmological and astrophysical limits on brane fluctuations. Physical Review D, 2003, 68, .	1.6	68

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91	Limits on the brane fluctuations mass and on the brane tension scale from electron-positron colliders. <i>Physical Review D</i> , 2003, 67, .	1.6	66
92	Brane-World Dark Matter. <i>Physical Review Letters</i> , 2003, 90, 241301.	2.9	116
93	Phenomenological Implications of Brane World Scenarios with low Tension. <i>AIP Conference Proceedings</i> , 2003, , .	0.3	19
94	Brane-Skyrmions and wrapped states. <i>Physical Review D</i> , 2001, 65, .	1.6	50