

Sebastian Bahamonde

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,393
citations

172457

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docs citations

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times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	Black holes in $f(T,B)$ gravity: exact and perturbed solutions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 037.	5.4	34
2	Rotating Kerr-Newman space-times in metric-affine gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 011.	5.4	8
3	A Quantum Informational Approach to the Problem of Time. <i>Foundations of Physics</i> , 2022, 52, 1.	1.3	0
4	Plebański-Demiański solutions with dynamical torsion and nonmetricity fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 011.	5.4	8
5	Scalarized black holes in teleparallel gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 018.	5.4	15
6	String-inspired Teleparallel cosmology. <i>Nuclear Physics B</i> , 2021, 962, 115238.	2.5	9
7	Cosmological perturbations in modified teleparallel gravity models: boundary term extension. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	19
8	Exploring axial symmetry in modified teleparallel gravity. <i>Physical Review D</i> , 2021, 103, .	4.7	21
9	General teleparallel modifications of Schwarzschild geometry. <i>International Journal of Geometric Methods in Modern Physics</i> , 2021, 18, 2140001.	2.0	10
10	Observational constraints in metric-affine gravity. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	21
11	Teleparallel Gravity: Foundations and Observational Constraints”Editorial. <i>Universe</i> , 2021, 7, 269.	2.5	5
12	Post-Newtonian limit of teleparallel Horndeski gravity. <i>Classical and Quantum Gravity</i> , 2021, 38, 025006.	4.0	29
13	Gravitational-wave propagation and polarizations in the teleparallel analog of Horndeski gravity. <i>Physical Review D</i> , 2021, 104, .	4.7	26
14	Teleparallel Gravity: Foundations and Cosmology. , 2021, , 191-242.		14
15	New models with independent dynamical torsion and nonmetricity fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 057-057.	5.4	23
16	Quantum weak equivalence principle and the gravitational Casimir effect in superconductors. <i>International Journal of Modern Physics D</i> , 2020, 29, 2043024.	2.1	0
17	Inflation in string field theory. <i>Nuclear Physics B</i> , 2020, 961, 115252.	2.5	1
18	Hubble inflation in Randall”Sundrum type II model. <i>International Journal of Modern Physics D</i> , 2020, 29, 2050037.	2.1	0

#	ARTICLE	IF	CITATIONS
19	Exact Spherically Symmetric Solutions in Modified Gauss-Bonnet Gravity from Noether Symmetry Approach. <i>Symmetry</i> , 2020, 12, 68.	2.2	17
20	Reviving Horndeski theory using teleparallel gravity after GW170817. <i>Physical Review D</i> , 2020, 101, .	4.7	44
21	Solar system tests in modified teleparallel gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 024-024.	5.4	46
22	Dynamical system analysis of generalized energy-momentum-squared gravity. <i>Physical Review D</i> , 2019, 100, .	4.7	58
23	Photon sphere and perihelion shift in weak $f(R, T)$ gravity. <i>Physical Review D</i> , 2019, 100, .	4.7	67
24	Can Horndeski theory be recast using teleparallel gravity?. <i>Physical Review D</i> , 2019, 100, .	4.7	97
25	Is gravity actually the curvature of spacetime?. <i>International Journal of Modern Physics D</i> , 2019, 28, 1944021.	2.1	1
26	New exact spherically symmetric solutions in $f(R, T)$ gravity by Noether's symmetry approach. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 016-016.	5.4	29
27	Generalized tachyonic teleparallel cosmology. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	14
28	Noether symmetries and boundary terms in extended Teleparallel gravity cosmology. <i>Classical and Quantum Gravity</i> , 2019, 36, 065013.	4.0	24
29	Exact Spherically Symmetric Solutions in Modified Teleparallel Gravity. <i>Symmetry</i> , 2019, 11, 1462.	2.2	30
30	Stability of a d-Dimensional Thin-Shell Wormhole Surrounded by Quintessence. <i>Gravitation and Cosmology</i> , 2018, 24, 71-79.	1.1	12
31	Generalised nonminimally gravity-matter coupled theory. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	18
32	Thermodynamics and cosmological reconstruction in $f(R, T)$ gravity. <i>Physics of the Dark Universe</i> , 2018, 19, 78-90.	4.9	80
33	Generalised teleparallel quintom dark energy non-minimally coupled with the scalar torsion and a boundary term. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 056-056.	5.4	29
34	Static spherically symmetric wormholes in generalized $f(R, \phi)$ gravity. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	34
35	Dynamical systems applied to cosmology: Dark energy and modified gravity. <i>Physics Reports</i> , 2018, 775-777, 1-122.	25.6	244
36	Linear Potentials in Galaxy Halos by Asymmetric Wormholes. <i>Universe</i> , 2018, 4, 112.	2.5	5

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37	The effect of modified dispersion relation on dumb holes. International Journal of Modern Physics D, 2018, 27, 1850113.	2.1	1
38	Holographic complexity and fidelity susceptibility as holographic information dual to different volumes in AdS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 94-101.	4.1	19
39	Deceleration versus acceleration universe in different frames of F(R) gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 225-230.	4.1	62
40	Noether symmetry approach in $f(T, \hat{\mathcal{A}})$ teleparallel cosmology. European Physical Journal C, 2017, 77, 107.	3.9	132
41	Generalized second law of thermodynamic in modified teleparallel theory. European Physical Journal C, 2017, 77, 1.	3.9	27
42	Constraining generalized non-local cosmology from Noether symmetries. European Physical Journal C, 2017, 77, 722.	3.9	51
43	New classes of modified teleparallel gravity models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 37-43.	4.1	92
44	A holographic bound for D3-brane. European Physical Journal C, 2017, 77, 1.	3.9	6
45	Strong gravitational lensing by a charged Kiselev black hole. European Physical Journal C, 2017, 77, 1.	3.9	26
46	Nonlocal teleparallel cosmology. European Physical Journal C, 2017, 77, 628.	3.9	33
47	Geometrically nonlinear Cosserat elasticity in the plane: applications to chirality. Journal of Mechanics of Materials and Structures, 2017, 12, 689-710.	0.6	3
48	Modified teleparallel theories of gravity: Gauss-Bonnet and trace extensions. European Physical Journal C, 2016, 76, 578.	3.9	61
49	Holographic complexity for time-dependent backgrounds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 276-282.	4.1	31
50	Cosmological wormholes in $f(R)$ gravity. International Journal of Modern Physics D, 2016, 25, 1650011.	4.7	69
51	Correspondence of $f(R)$ gravity singularities in Jordan and Einstein frames. Annals of Physics, 2016, 373, 96-114.	2.8	77
52	Scalar-tensor teleparallel wormholes by Noether symmetries. Physical Review D, 2016, 94, .	4.7	78
53	Thermodynamics in $f(R)$ gravity. Physics of the Dark Universe, 2016, 14, 116-125.	4.9	25
54	Astrophysical flows near $f(R)$ gravity black holes. European Physical Journal C, 2016, 76, 269.	3.9	47

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55	Accretion processes for general spherically symmetric compact objects. European Physical Journal C, 2015, 75, 1.	3.9	45
56	Teleparallel quintessence with a nonminimal coupling to a boundary term. Physical Review D, 2015, 92, .	4.7	57
57	Strong gravitational lensing by Kiselev black hole. Physical Review D, 2015, 92, .	4.7	45
58	Modified teleparallel theories of gravity. Physical Review D, 2015, 92, .	4.7	232
59	Generalized $\mathcal{A}'(R, \hat{1}, X)$ Gravity and the Late-Time Cosmic Acceleration. Universe, 2015, 1, 186-198.	2.5	47
60	(N+1)-dimensional Lorentzian evolving wormholes supported by polytropic matter. European Physical Journal C, 2013, 73, 1.	3.9	16
61	Friedmann-Robertson-Walker-like cosmologies with spherical symmetry. Physical Review D, 2013, 88, .	4.7	3