Francisco Sáe%Lobo

List of Publications by Year
in descending order

229 papers	15,573 citations	13099 68 h-index	18130 120 g-index
248 all docs	248 docs citations	248 times ranked	2834 citing authors

#	Article	IF	Citations
1	`<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:mi>T</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT`	4.7	1.767
2	Extra force inf(R)modified theories of gravity. Physical Review D, 2007, 75, .	4.7	684
3	Wormhole geometries in`<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 652 Td (stretchy="false"`	4.7	420
4	Phantom energy traversable wormholes. Physical Review D, 2005, 71, .	4.7	401
5	f(R,L m) gravity. European Physical Journal C, 2010, 70, 373-379.	3.9	329
6	Exact analytical solutions of the Susceptible-Infected-Recovered (SIR) epidemic model and of the SIR model with equal death and birth rates. Applied Mathematics and Computation, 2014, 236, 184-194.	2.2	322
7	Morris-Thorne wormholes with a cosmological constant. Physical Review D, 2003, 68, .	4.7	282
8	Further matters in space-time geometry:`<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:mi>T</mml:mi><mml:mo>,</mml:mo><mml:msub><mml:m`	4.7	265
9	Stable dark energy stars. Classical and Quantum Gravity, 2006, 23, 1525-1541.	4.0	254
10	Modified-gravity wormholes without exotic matter. Physical Review D, 2013, 87, .	4.7	250
11	Nonminimal coupling of perfect fluids to curvature. Physical Review D, 2008, 78, .	4.7	246
12	Generalized Curvature-Matter Couplings in Modified Gravity. Galaxies, 2014, 2, 410-465.	3.0	208
13	Linearized stability analysis of thin-shell wormholes with a cosmological constant. Classical and Quantum Gravity, 2004, 21, 391-404.	4.0	198
14	Prospects for fundamental physics with LISA. General Relativity and Gravitation, 2020, 52, 1.	2.0	198
15	Stability of phantom wormholes. Physical Review D, 2005, 71, .	4.7	197
16	<i>f</i>(<i>T</i>,?) gravity and cosmology. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 021-021.	5.4	194
17	Wormhole geometries in modified teleparallel gravity and the energy conditions. Physical Review D, 2012, 85, .	4.7	193
18	Dark matter as a geometric effect in f(R)f(R) gravity. Astroparticle Physics, 2008, 29, 386-392.	4.3	186

#	Article	IF	Citations
19	Metric-Palatini gravity unifying local constraints and late-time cosmic acceleration. Physical Review D, 2012, 85, .	4.7	172
20	Observational constraints of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo mathvariant="bold" stretchy="false">(</mml:mo><mml:mi>Q</mml:mi><mml:mo mathvariant="bold") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td (stretch	4.7	166
21	Thin accretion disks in stationary axisymmetric wormhole spacetimes. Physical Review D, 2009, 79, .	4.7	165
22	Generic spherically symmetric dynamic thin-shell traversable wormholes in standard general relativity. Physical Review D, 2012, 86, .	4.7	165
23	Coupling matter in modified<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Q</mml:mi></mml:math>gravity. Physical Review D, 2018, 98, .	4.7	164
24	Wormhole geometries supported by a nonminimal curvature-matter coupling. Physical Review D, 2010, 82, .	4.7	161
25	Nonminimal curvatureâ€"matter coupled wormholes with matter satisfying the null energy condition. Classical and Quantum Gravity, 2011, 28, 085018.	4.0	160
26	Einstein-Gauss-Bonnet traversable wormholes satisfying the weak energy condition. Physical Review D, 2015, 91, .	4.7	158
27	Wormholes supported by hybrid metric-Palatini gravity. Physical Review D, 2012, 86, .	4.7	155
28	Nonminimal torsion-matter coupling extension of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>T</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 372 Td (stretchy="false">)</mml:mo	4.7	154
29	Stability analysis of dynamic thin shells. Classical and Quantum Gravity, 2005, 22, 4869-4885.	4.0	150
30	Chaplygin traversable wormholes. Physical Review D, 2006, 73, .	4.7	148
31	Hybrid Metric-Palatini Gravity. Universe, 2015, 1, 199-238.	2.5	147
32	Generalized energy conditions in extended theories of gravity. Physical Review D, 2015, 91, .	4.7	131
33	Energy conditions in modified gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 280-283.	4.1	128
34	Plane symmetric thin-shell wormholes: Solutions and stability. Physical Review D, 2008, 78, .	4.7	124
35	General class of braneworld wormholes. Physical Review D, 2007, 75, .	4.7	120
36	Electromagnetic signatures of thin accretion disks in wormhole geometries. Physical Review D, 2008, 78, .	4.7	119

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37	Stability of the Einstein static universe in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 732 Td (stretchy="false"	4.7	118
38	Gravastars supported by nonlinear electrodynamics. Classical and Quantum Gravity, 2007, 24, 1069-1088.	4.0	114
39	Gravitational induced particle production through a nonminimal curvature–matter coupling. European Physical Journal C, 2015, 75, 1.	3.9	114
40	Can accretion disk properties distinguish gravastars from black holes?. Classical and Quantum Gravity, 2009, 26, 215006.	4.0	111
41	Testing HoÅ™ava-Lifshitz gravity using thin accretion disk properties. Physical Review D, 2009, 80, .	4.7	106
42	Surface stresses on a thin shell surrounding a traversable wormhole. Classical and Quantum Gravity, 2004, 21, 4811-4832.	4.0	105
43	The generalized virial theorem in <i>f</i>(<i>R</i>) gravity. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 024.	5.4	105
44	Plane symmetric traversable wormholes in an anti–de Sitter background. Physical Review D, 2004, 69, .	4.7	104
45	Traversable wormholes satisfying the weak energy condition in third-order Lovelock gravity. Physical Review D, 2015, 92, .	4.7	104
46	PALATINI FORMULATION OF MODIFIED GRAVITY WITH A NON-MINIMAL CURVATURE-MATTER COUPLING. Modern Physics Letters A, 2011, 26, 1467-1480.	1.2	103
47	Energy conditions in modified Gauss-Bonnet gravity. Physical Review D, 2011, 83, .	4.7	98
48	Extended<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:msub><mml:mi>L</mml:mi><mml:m dependences. Physical Review D, 2013, 87, .	4.7	97
49	Stability of the Einstein static universe in modified Gauss-Bonnet gravity. Physical Review D, 2009, 79, .	4.7	96
50	General class of wormhole geometries in conformal Weyl gravity. Classical and Quantum Gravity, 2008, 25, 175006.	4.0	94
51	Thin accretion disk signatures in dynamical Chern–Simons-modified gravity. Classical and Quantum Gravity, 2010, 27, 105010.	4.0	91
52	HYBRID MODIFIED GRAVITY UNIFYING LOCAL TESTS, GALACTIC DYNAMICS AND LATE-TIME COSMIC ACCELERATION. International Journal of Modern Physics D, 2013, 22, 1342006.	2.1	90
53	Exact solutions of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 97 Td (stretchy="false"> Review D, 2008, 78, .		89
54	Cosmology of hybrid metric-Palatini<i>f</i>(<i>X</i>)-gravity. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 011-011.	5.4	89

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55	Evolving wormhole geometries within nonlinear electrodynamics. Classical and Quantum Gravity, 2006, 23, 5811-5824.	4.0	88
56	Structure of neutron, quark, and exotic stars in Eddington-inspired Born-Infeld gravity. Physical Review D, 2013, 88, .	4.7	87
57	Energy conditions, traversable wormholes and dust shells. General Relativity and Gravitation, 2005, 37, 2023-2038.	2.0	86
58	Wormholes, Warp Drives and Energy Conditions. Fundamental Theories of Physics, 2017, , .	0.3	82
59	New horizons for fundamental physics with LISA. Living Reviews in Relativity, 2022, 25, .	26.7	82
60	The virial theorem and the dark matter problem in hybrid metric-Palatini gravity. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 024-024.	5.4	81
61	Novel black-bounce spacetimes: Wormholes, regularity, energy conditions, and causal structure. Physical Review D, 2021, 103, .	4.7	80
62	Arbitrary scalar-field and quintessence cosmological models. European Physical Journal C, 2014, 74, 1.	3.9	79
63	Galactic rotation curves in hybrid metric-Palatini gravity. Astroparticle Physics, 2013, 50-52, 65-75.	4.3	77
64	Fundamental limitations on â€˜warp driveâ€™ spacetimes. Classical and Quantum Gravity, 2004, 21, 5871-5892.	4.0	76
65	Phantom stars and topology change. Physical Review D, 2008, 78, .	4.7	72
66	Self-sustained traversable wormholes in noncommutative geometry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 146-152.	4.1	72
67	General class of vacuum Brans-Dicke wormholes. Physical Review D, 2010, 81, .	4.7	72
68	Higher-dimensional evolving wormholes satisfying the null energy condition. Physical Review D, 2014, 90, .	4.7	72
69	Self-sustained phantom wormholes in semi-classical gravity. Classical and Quantum Gravity, 2007, 24, 2401-2413.	4.0	69
70	Van der Waals quintessence stars. Physical Review D, 2007, 75, .	4.7	69
71	New asymptotically flat phantom wormhole solutions. Physical Review D, 2013, 87, .	4.7	69
72	Conformally symmetric traversable wormholes. Physical Review D, 2007, 76, .	4.7	68

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73	Geodesic deviation, Raychaudhuri equation, and tidal forces in modified gravity with an arbitrary curvature-matter coupling. Physical Review D, 2012, 86, .	4.7	68
74	Horndeski theories self-tuning to a de Sitter vacuum. Physical Review D, 2015, 91, .	4.7	65
75	Wormholes in generalized hybrid metric-Palatini gravity obeying the matter null energy condition everywhere. Physical Review D, 2018, 98, .	4.7	65
76	Irreversible thermodynamic description of interacting dark energy-dark matter cosmological models. Physical Review D, 2013, 87, .	4.7	64
77	Dynamical system analysis of hybrid metric-Palatini cosmologies. Physical Review D, 2015, 92, .	4.7	64
78	Invariant solutions and Noether symmetries in hybrid gravity. Physical Review D, 2015, 91, .	4.7	64
79	Cosmological solutions in generalized hybrid metric-Palatini gravity. Physical Review D, 2017, 95, .	4.7	62
80	Thin accretion disk signatures of slowly rotating black holes in Hoǎva gravity. Classical and Quantum Gravity, 2011, 28, 165001.	4.0	61
81	Einstein static universe in hybrid metric-Palatini gravity. Physical Review D, 2013, 88, .	4.7	58
82	Solar system tests of brane world models. Classical and Quantum Gravity, 2008, 25, 045015.	4.0	57
83	Higher-dimensional thin-shell wormholes in third-order Lovelock gravity. Physical Review D, 2015, 92, .	4.7	55
84	Dynamic thin-shell black-bounce traversable wormholes. Physical Review D, 2020, 101, .	4.7	55
85	Hybrid metric-Palatini stars. Physical Review D, 2017, 95, .	4.7	54
86	Stability of the Einstein static universe in ÂIRÂmodifiedÂHoǎvaÂgravity. European Physical Journal C, 2010, 70, 1111-1118.	3.9	53
87	Gravitational waves in theories with a non-minimal curvature-matter coupling. European Physical Journal C, 2018, 78, 1.	3.9	53
88	Wormhole geometries with conformal motions. Classical and Quantum Gravity, 2008, 25, 075016.	4.0	52
89	$f(G)$ modified gravity and the energy conditions. Journal of Physics: Conference Series, 2011, 314, 012056.	0.4	52
90	Crossing SNe Ia and BAO observational constraints with local ones in hybrid metric-Palatini gravity. Physical Review D, 2017, 95, .	4.7	50

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91	Linearized stability analysis of gravastars in noncommutative geometry. Journal of High Energy Physics, 2013, 2013, 1.	4.7	49
92	The Cauchy problem in hybrid metric-Palatini f(X)-gravity. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1450042.	2.0	49
93	Generalized Æ'(R,Î¦, X) Gravity and the Late-Time Cosmic Acceleration. Universe, 2015, 1, 186-198.	2.5	47
94	Wormholes minimally violating the null energy condition. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 007-007.	5.4	46
95	GENERALIZED DARK GRAVITY. International Journal of Modern Physics D, 2012, 21, 1242019.	2.1	45
96	Constraining<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>T</mml:mi><mml:mo>,</mml:mo><mml:mi> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td (math	4.7	44
97	Metric-affine <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:mi>T</mml:mi><mml:mo>) Tj ETQq 171 0.784314 rgBT D, 2018, 97, .	4.7	44
98	Shadow, deflection angle and quasinormal modes of Born-Infeld charged black holes. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 008.	5.4	44
99	Interior of a Schwarzschild Black Hole Revisited. Foundations of Physics, 2008, 38, 160-187.	1.3	43
100	Beyond Einsteinâ€™s General Relativity: Hybrid metric-Palatini gravity and curvature-matter couplings. International Journal of Modern Physics D, 2020, 29, 2030008.	2.1	43
101	Generic thin-shell gravastars. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 034-034.	5.4	42
102	Dynamical system analysis for a nonminimal torsion-matter coupled gravity. Physical Review D, 2016, 93, .	4.7	42
103	Solar System tests of HoÅ™avaâ€"Lifshitz gravity. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 1390-1407.	2.1	40
104	Unveiling the Dynamics of the Universe. Symmetry, 2016, 8, 70.	2.2	40
105	Semiclassical geons as solitonic black hole remnants. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 011-011.	5.4	38
106	Self-sustained wormholes in modified dispersion relations. Physical Review D, 2012, 85, .	4.7	37
107	Two-fluid dark matter models. Physical Review D, 2011, 83, .	4.7	36
108	Dark matter density profile and galactic metric in Eddington-inspired Bornâ€"Infeld gravity. Modern Physics Letters A, 2014, 29, 1450049.	1.2	36

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109	Wormhole geometries in Eddington-Inspired Bornâ€"Infeld gravity. Modern Physics Letters A, 2015, 30, 1550190.	1.2	36
110	Novel third-order Lovelock wormhole solutions. Physical Review D, 2016, 93, .	4.7	35
111	Classical tests of general relativity in brane world models. Classical and Quantum Gravity, 2010, 27, 185013.	4.0	34
112	Crystal clear lessons on the microstructure of spacetime and modified gravity. Physical Review D, 2015, 91, .	4.7	34
113	Non-existence of static, spherically symmetric and stationary, axisymmetric traversable wormholes coupled to nonlinear electrodynamics. Classical and Quantum Gravity, 2006, 23, 7229-7244.	4.0	33
114	A class of exact solutions of the LiÃ©nard-type ordinary nonlinear differential equation. Journal of Engineering Mathematics, 2014, 89, 193-205.	1.2	30
115	Microscopic wormholes and the geometry of entanglement. European Physical Journal C, 2014, 74, 1.	3.9	29
116	Constraining HoÅ™ava-Lifshitz gravity by weak and strong gravitational lensing. Physical Review D, 2011, 84, .	4.7	28
117	Dynamical generation of wormholes with charged fluids in quadratic Palatini gravity. Physical Review D, 2014, 90, .	4.7	27
118	From the Flammâ€"Einsteinâ€"Rosen bridge to the modern renaissance of traversable wormholes. International Journal of Modern Physics D, 2016, 25, 1630017.	2.1	26
119	Palatini wormholes and energy conditions from the prism of general relativity. European Physical Journal C, 2017, 77, 776.	3.9	26
120	Wormhole geometries supported by three-form fields. Physical Review D, 2018, 98, .	4.7	26
121	Thin-shell traversable wormhole crafted from a regular black hole with asymptotically Minkowski core. Physical Review D, 2020, 102, .	4.7	26
122	Bianchi Type I Cosmological Models in Eddington-inspired Bornâ€"Infeld Gravity. Galaxies, 2014, 2, 496-519.	3.0	25
123	Structure and stability of traversable thin-shell wormholes in Palatini <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi mathvariant="script">R</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 171	4.7	24
124	Stability of Kerr black holes in generalized hybrid metric-Palatini gravity. Physical Review D, 2020, 101, .	4.7	24
125	Quarkâ€"hadron phase transitions in brane-world cosmologies. Nuclear Physics B, 2008, 805, 190-206.	2.5	23
126	Spherically symmetric static vacuum solutions in hybrid metric-Palatini gravity. Physical Review D, 2019, 99, .	4.7	23

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127	Fundamental Symmetries and Spacetime Geometries in Gauge Theories of Gravityâ€"Prospects for Unified Field Theories. Universe, 2020, 6, 238.	2.5	23
128	EXACT SOLUTIONS OF BRANSâ€"DICKE WORMHOLES IN THE PRESENCE OF MATTER. Modern Physics Letters A, 2011, 26, 3067-3076.	1.2	22
129	Planck scale physics and topology change through an exactly solvable model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 163-167.	4.1	22
130	Could pressureless dark matter have pressure?. Astroparticle Physics, 2012, 35, 547-551.	4.3	21
131	Possibility of hyperbolic tunneling. Physical Review D, 2010, 82, .	4.7	19
132	Thick brane structures in generalized hybrid metric-Palatini gravity. European Physical Journal C, 2021, 81, 1.	3.9	19
133	Cosmology in scalar-tensor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:mtext>â€‰</mml:mtext><mml:mi>T</mml:mi><mml:	4.7	19
134	Cosmological models in modified gravity theories with extended nonminimal derivative couplings. Physical Review D, 2017, 95, .	4.7	18
135	Dynamic wormhole geometries in hybrid metric-Palatini gravity. European Physical Journal C, 2021, 81, 1.	3.9	18
136	Cosmological anisotropy from non-comoving dark matter and dark energy. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 036-036.	5.4	17
137	Soliton models for thick branes. European Physical Journal C, 2016, 76, 1.	3.9	17
138	Warp Drive Basics. Fundamental Theories of Physics, 2017, , 257-279.	0.3	17
139	General constraints on Horndeski wormhole throats. Physical Review D, 2020, 101, .	4.7	17
140	Cosmological sudden singularities in f(R,ÂT) gravity. European Physical Journal C, 2022, 82, 1.	3.9	17
141	Gravityâ€™s Rainbow induces topology change. European Physical Journal C, 2014, 74, 1.	3.9	16
142	Cosmographic analysis of redshift drift. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 043-043.	5.4	16
143	Gravitationally Induced Particle Production through a Nonminimal Torsionâ€"Matter Coupling. Universe, 2021, 7, 227.	2.5	16
144	A Chiellini Type Integrability Condition for the Generalized First Kind Abel Differential Equation. Universal Journal of Applied Mathematics, 2013, 1, 101-104.	0.2	16

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145	Thick branes in the scalarâ€"tensor representation of f(R,ÂT) gravity. European Physical Journal C, 2021, 81, 1.	3.9	16
146	Attracted to de Sitter: cosmology of the linear Horndeski models. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 033-033.	5.4	15
147	Electrodynamics and Spacetime Geometry: Foundations. Foundations of Physics, 2017, 47, 208-228.	1.3	15
148	Analytical Solutions of the Riccati Equation with Coefficients Satisfying Integral or Differential Conditions with Arbitrary Functions. Universal Journal of Applied Mathematics, 2014, 2, 109-118.	0.2	15
149	Gravitational, lensing, and stability properties of Bose-Einstein condensate dark matter halos. Physical Review D, 2015, 92, .	4.7	14
150	Time, Closed Timelike Curves and Causality. , 2003, , 289-296.		14
151	Extended Theories of Gravity with Generalized Energy Conditions. Journal of Physics: Conference Series, 2015, 600, 012047.	0.4	13
152	Stable phantom energy traversable wormhole models. AIP Conference Proceedings, 2006, , .	0.4	12
153	Cosmic stringlike objects in hybrid metric-Palatini gravity. Physical Review D, 2020, 101, .	4.7	12
154	A NEW TWO-SPHERE SINGULARITY IN GENERAL RELATIVITY. International Journal of Modern Physics D, 2008, 17, 897-910.	2.1	10
155	Late-time cosmic acceleration: Dark gravity. Journal of Physics: Conference Series, 2011, 314, 012060.	0.4	10
156	Wormhole geometries supported by quark matter at ultra-high densities. International Journal of Modern Physics D, 2015, 24, 1550006.	2.1	9
157	Gravitational waves and electrodynamics: new perspectives. European Physical Journal C, 2017, 77, 237.	3.9	9
158	Curvatureâ€"matter couplings in modified gravity: From linear models to conformally invariant theories. International Journal of Modern Physics D, 2022, 31, .	2.1	9
159	Wormhole geometries in modified gravity. AIP Conference Proceedings, 2012, , .	0.4	8
160	Beyond Einstein's General Relativity. Journal of Physics: Conference Series, 2015, 600, 012006.	0.4	7
161	Cosmology with higher-derivative matter fields. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1650102.	2.0	7
162	Cosmological bounces, cyclic universes, and effective cosmological constant in Einstein-Cartan-Dirac-Maxwell theory. Physical Review D, 2020, 102, .	4.7	7

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163	Sudden singularities in generalized hybrid metric-Palatini cosmologies. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 009.	5.4	7
164	Time and Causation. NeuroQuantology, 2009, 7, .	0.2	7
165	Weak-field regime of the generalized hybrid metric-Palatini gravity. Physical Review D, 2021, 104, .	4.7	7
166	Solar System constraints on local dark matter density. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 047-047.	5.4	6
167	Time machines and traversable wormholes in modified theories of gravity. EPJ Web of Conferences, 2013, 58, 01006.	0.3	6
168	A Review on the Cosmology of the de Sitter Horndeski Models. Universe, 2017, 3, 33.	2.5	6
169	Einsteinâ€"Cartanâ€"Dirac gravity with U(1) symmetry breaking. European Physical Journal C, 2019, 79, 1.	3.9	6
170	Evolving traversable wormholes satisfying the energy conditions in the presence of pole dark energy. Physics of the Dark Universe, 2021, 31, 100779.	4.9	6
171	The cosmological principle in theories with torsion: the case of Einstein-Cartan-Dirac-Maxwell gravity. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 057-057.	5.4	6
172	Black hole and naked singularity geometries supported by three-form fields. European Physical Journal C, 2020, 80, 1.	3.9	5
173	Wormhole geometries induced by action-dependent Lagrangian theories. Physical Review D, 2021, 103, .	4.7	5
174	Novel modified gravity braneworld configurations with a Lagrange multiplier. European Physical Journal Plus, 2021, 136, 1.	2.6	5
175	Static spherically symmetric three-form stars. European Physical Journal C, 2021, 81, 1.	3.9	5
176	Imprints from a Riemannâ€"Cartan space-time on the energy levels of Dirac spinors. Classical and Quantum Gravity, 2021, 38, 195008.	4.0	5
177	Self-Sustained Traversable Wormholes. Fundamental Theories of Physics, 2017, , 111-135.	0.3	5
178	A Riccati equation based approach to isotropic scalar field cosmologies. International Journal of Modern Physics D, 2014, 23, 1450063.	2.1	4
179	Evolution of spherical domain walls in solitonic symmetron models. Physical Review D, 2017, 95, .	4.7	4
180	Kinetic gravity braiding wormhole geometries. Physical Review D, 2020, 102, .	4.7	4

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181	Wormhole Basics. Fundamental Theories of Physics, 2017, , 11-34.	0.3	4
182	Effective actions for loop quantum cosmology in fourth-order gravity. European Physical Journal C, 2021, 81, 1.	3.9	4
183	Electrodynamics and spacetime geometry: Astrophysical applications. European Physical Journal Plus, 2017, 132, 1.	2.6	3
184	STABILITY OF THE EINSTEIN STATIC UNIVERSE IN MODIFIED THEORIES OF GRAVITY. , 2012, , .		3
185	Bouncing Cosmology in Fourth-Order Gravity. Universe, 2022, 8, 161.	2.5	3
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