

Salvatore Capozziello

List of Publications by Year in descending order

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556
papers

31,653
citations

4942

84
h-index

6454

157
g-index

565
all docs

565
docs citations

565
times ranked

4912
citing authors

#	ARTICLE	IF	CITATIONS
1	The Heisenberg Limit at Cosmological Scales. Foundations of Physics, 2022, 52, 1.	0.6	11
2	Non-local curvature gravity cosmology via Noether symmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 826, 136907.	1.5	12
3	Geometric perfect fluids from Extended Gravity. Europhysics Letters, 2022, 137, 19001.	0.7	8
4	Gravitational energy-momentum pseudo-tensor in Palatini and metric $f(R)$ gravity. Annals of Physics, 2022, 439, 168796.	1.0	6
5	Quantum gravity phenomenology at the dawn of the multi-messenger era: A review. Progress in Particle and Nuclear Physics, 2022, 125, 103948.	5.6	175
6	Investigating dark energy by electromagnetic frequency shifts. European Physical Journal Plus, 2022, 137, 1.	1.2	10
7	Bouncing Cosmology in Fourth-Order Gravity. Universe, 2022, 8, 161.	0.9	3
8	Minisuperspace Quantum Cosmology in Metric and Affine Theories of Gravity. Universe, 2022, 8, 177.	0.9	8
9	Emergent universe from Energy-Momentum Squared Gravity. Physics of the Dark Universe, 2022, 36, 101013.	1.8	13
10	Nonlocal gravity cosmology: An overview. International Journal of Modern Physics D, 2022, 31, .	0.9	34
11	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. Journal of High Energy Astrophysics, 2022, 34, 49-211.	2.4	350
12	Linearized field equations and extra force in $f(R, T(n))$ extended gravity. International Journal of Modern Physics D, 2022, 31, .	0.9	1
13	Thermodynamic parametrization of dark energy. Physics of the Dark Universe, 2022, 36, 101045.	1.8	24
14	Constant-roll $f(R)$ inflation compared with cosmic microwave background anisotropies and swampland criteria. European Physical Journal Plus, 2022, 137, .	1.2	4
15	Generalized McVittie geometry in Horndeski gravity with matter. Physical Review D, 2022, 105, .	1.6	5
16	Optical and X-ray GRB Fundamental Planes as cosmological distance indicators. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1828-1856.	1.6	42
17	GINGERINO and the GINGER project. , 2022, , .		0
18	Model-independent reconstruction of $f(Q)$ non-metric gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137229.	1.5	65

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19	Quasar Standardization: Overcoming Selection Biases and Redshift Evolution. <i>Astrophysical Journal</i> , 2022, 931, 106.	1.6	33
20	PeV IceCube signals and H_0 tension in the framework of Non-Local Gravity. <i>European Physical Journal Plus</i> , 2022, 137, .	1.2	8
21	Different Approaches to Unveil Biomolecule Configurations and Their Mutual Interactions. <i>Analytical Letters</i> , 2021, 54, 40-56.	1.0	1
22	Testing wormhole solutions in extended gravity through the Poynting-Robertson effect. <i>Physical Review D</i> , 2021, 103, .	1.6	39
23	Einstein, Planck and Vera Rubin: Relevant Encounters Between the Cosmological and the Quantum Worlds. <i>Frontiers in Physics</i> , 2021, 8, .	1.0	38
24	Noether symmetries and quantum cosmology in extended teleparallel gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , 2021, 18, 2140002.	0.8	23
25	Reconstructing wormhole solutions in curvature based Extended Theories of Gravity. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	47
26	Traversable wormholes with vanishing sound speed in $f(R)$ gravity. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	37
27	Photon frequency shift in curvature-based Extended Theories of Gravity. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	0
28	Logarithmic corrections to Newtonian gravity and large scale structure. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	8
29	Constraining theories of gravity by GINGER experiment. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	18
30	Anisotropic compact stars in $f(R)$ gravity. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	61
31	Cosmography by orthogonalized logarithmic polynomials. <i>Astronomy and Astrophysics</i> , 2021, 649, A65.	2.1	33
32	Sensitivity limit investigation of a Sagnac gyroscope through linear regression analysis. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	12
33	Chaotic solutions and black hole shadow in $f(R)$ gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 816, 136257.	1.5	35
34	Causal limit of neutron star maximum mass in $f(R)$ gravity in view of GW190814. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 816, 136222.	1.5	80
35	Renormalizability of Alternative Theories of Gravity: Differences between Power Counting and Entropy Argument. <i>Universe</i> , 2021, 7, 148.	0.9	7
36	Possible effects of hybrid gravity on stellar kinematics in elliptical galaxies. <i>European Physical Journal D</i> , 2021, 75, 1.	0.6	4

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37	Novel stellar astrophysics from extended gravity. <i>Europhysics Letters</i> , 2021, 134, 59001.	0.7	28
38	Nonminimal coupling inflation with constant slow roll. <i>International Journal of Modern Physics D</i> , 2021, 30, 2150070.	0.9	11
39	Cosmological curvature acceleration. <i>European Physical Journal: Special Topics</i> , 2021, 230, 2123-2138.	1.2	6
40	Epicyclic frequencies in static and spherically symmetric wormhole geometries. <i>Physical Review D</i> , 2021, 104, .	1.6	34
41	GrailQuest: hunting for atoms of space and time hidden in the wrinkle of Space-Time. <i>Experimental Astronomy</i> , 2021, 51, 1255-1297.	1.6	7
42	Gravitational waves in non-local gravity. <i>Classical and Quantum Gravity</i> , 2021, 38, 175008.	1.5	19
43	Snowmass2021 - Letter of interest cosmology intertwined I: Perspectives for the next decade. <i>Astroparticle Physics</i> , 2021, 131, 102606.	1.9	37
44	Thermal effects and scalar modes in the cosmological propagation of gravitational waves. <i>Physics of the Dark Universe</i> , 2021, 33, 100867.	1.8	8
45	Snowmass2021 - Letter of interest cosmology intertwined II: The hubble constant tension. <i>Astroparticle Physics</i> , 2021, 131, 102605.	1.9	228
46	Snowmass2021 - Letter of interest cosmology intertwined IV: The age of the universe and its curvature. <i>Astroparticle Physics</i> , 2021, 131, 102607.	1.9	39
47	Cosmology intertwined III: $f < \frac{1}{8} S$. <i>Astroparticle Physics</i> , 2021, 131, 102604.	1.9	182
48	Cosmology and the massive photon frequency shift in the Standard-Model Extension. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	18
49	The gravitino problem in extended gravity cosmologies. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	0
50	A Mathematical Journey to Quantum Mechanics. <i>UNITEXT for Physics</i> , 2021, , .	0.1	3
51	DNA Mutations via Chernâ€“Simons Currents. <i>European Physical Journal Plus</i> , 2021, 136, 1080.	1.2	2
52	Estimating the Parameters of Extended Gravity Theories with the Schwarzschild Precession of S2 Star. <i>Universe</i> , 2021, 7, 407.	0.9	19
53	Model-independent reconstruction of cosmological acceleratedâ€“decelerated phase. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5399-5415.	1.6	14
54	Effective actions for loop quantum cosmology in fourth-order gravity. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	4

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55	Maximum baryon masses for static neutron stars in $f(R)$ gravity. <i>Europhysics Letters</i> , 2021, 136, 59001.	0.7	28
56	Exact solutions in higher-dimensional Lovelock and AdS \times Chern-Simons gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 057.	1.9	10
57	The 3+1 formalism in teleparallel and symmetric teleparallel gravity. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	15
58	Noether symmetries in interacting quintessence cosmology. <i>Physics of the Dark Universe</i> , 2020, 27, 100444.	1.8	16
59	Tracing the cosmic history by Gauss-Bonnet gravity. <i>Physical Review D</i> , 2020, 102, .	1.6	16
60	Considerations on gravitational waves in higher-order local and non-local gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 810, 135821.	1.5	26
61	Addressing the cosmological H_0 tension by the Heisenberg uncertainty. <i>Foundations of Physics</i> , 2020, 50, 893-899.	0.6	44
62	General properties of $f(R)$ gravity vacuum solutions. <i>International Journal of Modern Physics D</i> , 2020, 29, 2050089.	0.9	7
63	The Noether-Bessel-Hagen symmetry approach for dynamical systems. <i>International Journal of Geometric Methods in Modern Physics</i> , 2020, 17, 2050215.	0.8	11
64	Extended gravity description for the GW190814 supermassive neutron star. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 811, 135910.	1.5	96
65	Bouncing cosmology in $f(Q)$ symmetric teleparallel gravity. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	85
66	$f(G)$ Noether cosmology. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	50
67	Stable and self-consistent compact star models in teleparallel gravity. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	49
68	Weak field limit and gravitational waves in $f(T, \hat{\Delta})$ teleparallel gravity. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	67
69	A Supersymmetry and Quantum Cryptosystem with Path Integral Approach in Biology. <i>Symmetry</i> , 2020, 12, 1214.	1.1	1
70	Higher Dimensional Static and Spherically Symmetric Solutions in Extended Gauss-Bonnet Gravity. <i>Symmetry</i> , 2020, 12, 372.	1.1	37
71	Non-local curvature and Gauss-Bonnet cosmologies by Noether symmetries. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	14
72	The generally covariant meaning of space distances. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	1

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73	General relativistic Poynting-Robertson effect to diagnose wormholes existence: Static and spherically symmetric case. <i>Physical Review D</i> , 2020, 101, .	1.6	45
74	High-redshift cosmography: auxiliary variables versus Pad \hat{A} polynomials. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2576-2590.	1.6	85
75	A Mathematical Journey to Relativity. <i>UNITEXT for Physics</i> , 2020, , .	0.1	7
76	Chern-Simons Current of Left and Right Chiral Superspace in Graphene Wormhole. <i>Symmetry</i> , 2020, 12, 774.	1.1	32
77	Transition probabilities in generalized quantum search Hamiltonian evolutions. <i>International Journal of Geometric Methods in Modern Physics</i> , 2020, 17, 2050006.	0.8	7
78	Precision gravity tests and the Einstein Equivalence Principle. <i>Progress in Particle and Nuclear Physics</i> , 2020, 112, 103772.	5.6	56
79	Sagnac gyroscopes, GINGERINO, and GINGER. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012243.	0.3	2
80	Spherical and cylindrical solutions in $f(T)$ gravity by Noether symmetry approach. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	25
81	A deep learning approach to cosmological dark energy models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 008-008.	1.9	57
82	Black holes and naked singularities from Anton \hat{A} Schmidt \hat{A} TMs fluids. <i>Physics of the Dark Universe</i> , 2020, 28, 100513.	1.8	13
83	Cosmological perfect fluids in higher-order gravity. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	0.7	31
84	Mass-radius relation for neutron stars in $f(R)$ gravity: A comparison between purely metric and torsion formulations. <i>Physical Review D</i> , 2020, 101, .	1.6	33
85	Constraining theories of gravity by fundamental plane of elliptical galaxies. <i>Physics of the Dark Universe</i> , 2020, 29, 100573.	1.8	15
86	Gravitational waves in higher order teleparallel gravity. <i>Classical and Quantum Gravity</i> , 2020, 37, 235013.	1.5	20
87	Constraining teleparallel gravity through Gaussian processes. <i>Classical and Quantum Gravity</i> , 2020, 38, 055007.	1.5	48
88	Updating constraints on $f(T)$ teleparallel cosmology and the consistency with big bang nucleosynthesis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1795-1805.	1.6	41
89	Equivalence of nonminimally coupled cosmologies by Noether symmetries. <i>International Journal of Modern Physics D</i> , 2020, 29, 2030015.	0.9	22
90	The X-Ray Fundamental Plane of the Platinum Sample, the Kilonovae, and the SNe Ib/c Associated with GRBs. <i>Astrophysical Journal</i> , 2020, 904, 97.	1.6	46

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91	Gravitational waves in $F(R)$ gravity: Scalar waves and the chameleon mechanism. <i>Physical Review D</i> , 2019, 99, .	1.6	34
92	Noether symmetries in symmetric teleparallel cosmology. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	70
93	Revisiting the statistical isotropy of GRB sky distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4481-4488.	1.6	15
94	Cosmological perfect fluids in Gauss-Bonnet gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , 2019, 16, 1950133.	0.8	36
95	Hubble drift in Palatini $f(R)$ theories. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	5
96	Weak field limit and gravitational waves in higher-order gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , 2019, 16, 1950047.	0.8	17
97	Maximum turnaround radius in $f(R)$ gravity. <i>International Journal of Modern Physics D</i> , 2019, 28, 1950058.	0.9	13
98	Focus Point on Tests of General Relativity and Alternative Gravity Theories. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	0
99	Charged spherically symmetric black holes in $f(R)$ gravity. <i>International Journal of Modern Physics D</i> , 2019, 28, 1930016.	0.9	242
100	Extended gravity cosmography. <i>International Journal of Modern Physics D</i> , 2019, 28, 1930016.	0.9	242
101	The quark chemical potential of QCD phase transition and the stochastic background of gravitational waves. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 789, 626-633.	1.5	17
102	Equivalence principle violation at finite temperature in scalar-tensor gravity. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	17
103	Cosmological perturbations in gravitational energy-momentum complex. <i>Annals of Physics</i> , 2019, 405, 54-68.	1.0	9
104	Constraining nonlocal gravity by S2 star orbits. <i>Physical Review D</i> , 2019, 99, .	1.6	27
105	Fundamental Plane of Elliptical Galaxies in $f(R)$ Gravity: The Role of Luminosity. <i>Atoms</i> , 2019, 7, 4.	0.7	4
106	Magnetic black holes in Weitzenböck geometry. <i>General Relativity and Gravitation</i> , 2019, 51, 1.	0.7	7
107	Noether symmetries and boundary terms in extended Teleparallel gravity cosmology. <i>Classical and Quantum Gravity</i> , 2019, 36, 065013.	1.5	24
108	Effective field description of the Anton-Schmidt cosmic fluid. <i>Physical Review D</i> , 2019, 99, .	1.6	33

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109	Model-independent constraints on dark energy evolution from low-redshift observations. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4484-4494.	1.6	100
110	Recovering the cosmological constant from affine geometry. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950161.	0.8	5
111	Dawn of the dark: unified dark sectors and the EDGES Cosmic Dawn 21-cm signal. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 044-044.	1.9	36
112	SAGE: A proposal for a space atomic gravity explorer. European Physical Journal D, 2019, 73, 1.	0.6	75
113	Unveiling cosmography from the dark energy equation of state. International Journal of Modern Physics D, 2019, 28, 1950154.	0.9	35
114	Swampland conjecture in $f(R)$ gravity by the Noether symmetry approach. Physical Review D, 2019, 100, .	1.6	33
115	Rotating and non-rotating AdS black holes in $f(\mathcal{T})$ gravity non-linear electrodynamics. European Physical Journal C, 2019, 79, 1.	1.4	14
116	Connecting early and late epochs by Λ CDM cosmography. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 008-008.	1.9	39
117	Kinematic model-independent reconstruction of Palatini $f(R)$ cosmology. General Relativity and Gravitation, 2019, 51, 1.	0.7	48
118	Gravitational waves in modified gravity. International Journal of Modern Physics D, 2019, 28, 1942002.	0.9	31
119	Cosmological perfect-fluids in $f(R)$ gravity. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950008.	0.8	110
120	Thermodynamics and phase transitions of galactic clustering in higher-order modified gravity. International Journal of Modern Physics D, 2019, 28, 1950027.	0.9	16
121	Constraining scalar-tensor gravity models by S2 star orbits around the galactic center. Facta Universitatis - Series Physics Chemistry and Technology, 2019, 17, 11-20.	0.2	7
122	Cosmic acceleration from a single fluid description. Physics of the Dark Universe, 2018, 20, 1-12.	1.8	53
123	Cosmographic analysis with Chebyshev polynomials. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3924-3938.	1.6	103
124	Self-acceleration and matter content in bicosmology from Noether symmetries. General Relativity and Gravitation, 2018, 50, 1.	0.7	3
125	Dynamical analysis on $f(R, \mathcal{G})$ cosmology. Classical and Quantum Gravity, 2018, 35, 075013.	1.5	43
126	Cosmic acceleration in non-flat $f(\mathcal{T})$ cosmology. General Relativity and Gravitation, 2018, 50, 1.	0.7	30

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127	Observational constraints on Gauss-Bonnet cosmology. International Journal of Modern Physics D, 2018, 27, 1850084.	0.9	46
128	Effective gravitational coupling in modified teleparallel theories. Physical Review D, 2018, 97, .	1.6	43
129	The role of energy conditions in $f(R)$ cosmology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 99-106.	1.5	113
130	Constructing superconductors by graphene Chern-Simons wormholes. Annals of Physics, 2018, 390, 303-333.	1.0	45
131	The Chern-Simons Current in Systems of DNA-RNA Transcriptions. Annalen Der Physik, 2018, 530, 1700271.	0.9	16
132	Clustering of galaxies with $f(R)$ gravity. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2430-2443.	1.6	43
133	Rational approximations of $f(R)$ cosmography through Pad'e polynomials. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 008-008.	1.9	47
134	The Chern-Simons current in time series of knots and links in proteins. Annals of Physics, 2018, 393, 413-446.	1.0	10
135	Information entropy and dark energy evolution. International Journal of Modern Physics D, 2018, 27, 1850029.	0.9	19
136	Noether symmetries as a geometric criterion to select theories of gravity. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1840007.	0.8	57
137	Qualitative behavior of cosmological models combining various matter fields. International Journal of Modern Physics A, 2018, 33, 1850116.	0.5	8
138	The gravitation energy-momentum pseudotensor: The cases of $F(R)$ and $F(T)$ gravity. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850164.	0.8	44
139	The THESEUS space mission concept: science case, design and expected performances. Advances in Space Research, 2018, 62, 191-244.	1.2	133
140	Gravitational waves in modified teleparallel theories of gravity. European Physical Journal C, 2018, 78, 474.	1.4	42
141	Galactic Structures from Gravitational Radii. Galaxies, 2018, 6, 22.	1.1	2
142	Charged anti-de Sitter BTZ black holes in Maxwell- $f(T)$ gravity. International Journal of Modern Physics A, 2018, 33, 1850076.	0.5	8
143	Screening mechanisms in hybrid metric-Palatini gravity. Physical Review D, 2018, 97, .	1.6	6
144	Classification of the Horndeski cosmologies via Noether symmetries. European Physical Journal C, 2018, 78, 447.	1.4	40

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145	Planck scale effects on the stochastic gravitational wave background generated from cosmological hadronization transition: A qualitative study. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 783, 326-333.	1.5	17
146	Gravitational Physics: From Quantum to Waves. , 2018, , 357-488.		0
147	Noether symmetry approach in $f(T, \hat{\mathcal{A}})$ teleparallel cosmology. <i>European Physical Journal C</i> , 2017, 77, 107.	1.4	132
148	The gravitational energy-momentum pseudo-tensor of higher-order theories of gravity. <i>Annalen Der Physik</i> , 2017, 529, 1600376.	0.9	21
149	Cosmic space and Pauli exclusion principle in a system of M0-branes. <i>International Journal of Geometric Methods in Modern Physics</i> , 2017, 14, 1750095.	0.8	4
150	The evolution of Brown-York quasilocal energy as due to evolution of Lovelock gravity in a system of M0-branes. <i>International Journal of Geometric Methods in Modern Physics</i> , 2017, 14, 1750099.	0.8	0
151	Strong energy condition and the repulsive character of $f(R)$ gravity. <i>General Relativity and Gravitation</i> , 2017, 49, 1.	0.7	29
152	Current density and conductivity through modified gravity in the graphene with defects. <i>International Journal of Modern Physics D</i> , 2017, 26, 1750094.	0.9	17
153	Gravitational lens models for cosmological black holes. <i>Physics of Particles and Nuclei Letters</i> , 2017, 14, 416-418.	0.1	0
154	Testing quantum gravity through dumb holes. <i>Annals of Physics</i> , 2017, 377, 108-114.	1.0	38
155	D-dimensional charged Anti-de-Sitter black holes in $f(T)$ gravity. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	46
156	Model-independent reconstruction of $f(T)$ teleparallel cosmology. <i>General Relativity and Gravitation</i> , 2017, 49, 1.	0.7	46
157	Torsion in Bianchi IX cosmology. <i>International Journal of Geometric Methods in Modern Physics</i> , 2017, 14, 1750186.	0.8	7
158	Constraining generalized non-local cosmology from Noether symmetries. <i>European Physical Journal C</i> , 2017, 77, 722.	1.4	51
159	Addressing the missing matter problem in galaxies through a new fundamental gravitational radius. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 044-044.	1.9	37
160	Aims and Scopes of the Special Issue: Foundations of Astrophysics and Cosmology. <i>Foundations of Physics</i> , 2017, 47, 709-710.	0.6	1
161	Breaking the Vainshtein screening in clusters of galaxies. <i>Physical Review D</i> , 2017, 95, .	1.6	25
162	Evolution of gravitons in accelerating cosmologies: The case of extended gravity. <i>Physical Review D</i> , 2017, 95, .	1.6	42

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163	Anomaly on Superspace of Time Series Data. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 1077-1091.	0.7	12
164	Constraining $f(T)$ teleparallel gravity by big bang nucleosynthesis. European Physical Journal C, 2017, 77, 576.	1.4	55
165	Nonlocal teleparallel cosmology. European Physical Journal C, 2017, 77, 628.	1.4	33
166	Gravitational effective action at second order in curvature and gravitational waves. European Physical Journal C, 2017, 77, 589.	1.4	26
167	Oscillating Stars and the Evidence of Dark Matter. A Comment on "Can the Periodic Spectral Modulations Observed in 236 Sloan Sky Survey Stars Be Due To Dark Matter Effects?" by F. Tamburini and I. Licata. Universe, 2017, 3, 65.	0.9	0
168	Strong-field tests of $f(R)$ -gravity in binary pulsars. International Journal of Modern Physics Conference Series, 2016, 41, 1660131.	0.7	1
169	Verification of $f(R)$ -gravity in binary pulsars. EPJ Web of Conferences, 2016, 125, 03005.	0.1	4
170	Noether symmetries in Gauss-Bonnet-teleparallel cosmology. European Physical Journal C, 2016, 76, 629.	1.4	61
171	Big-bounce cosmology from quantum gravity: The case of a cyclical Bianchi I universe. Physical Review D, 2016, 94, .	1.6	11
172	A bridge between unified cosmic history by $f(R)$ -gravity and Blonic system. General Relativity and Gravitation, 2016, 48, 1.	0.7	3
173	Gravitational massive modes from extended gravity. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1650034.	0.8	1
174	$f(T)$ teleparallel gravity and cosmology. Reports on Progress in Physics, 2016, 79, 106901.	8.1	923
175	Born-Infeld condensate as a possible origin of neutrino masses and dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 611-616.	1.5	15
176	Noether symmetries and duality transformations in cosmology. Modern Physics Letters A, 2016, 31, 1650183.	0.5	16
177	Metric and connections in theories of gravity. The role of equivalence principle. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1640007.	0.8	1
178	Probing hybrid modified gravity by stellar motion around Galactic Center. Astroparticle Physics, 2016, 79, 41-48.	1.9	54
179	Mass-radius relation for neutron stars in $f(R)$ teleparallel gravity. Physical Review D, 2016, 94, .	1.6	207
180	Scalar-tensor teleparallel wormholes by Noether symmetries. Physical Review D, 2016, 94, .	1.6	78

#	ARTICLE	IF	CITATIONS
181	Recovering the fundamental plane of galaxies by $f(R)$ gravity. Physics of the Dark Universe, 2016, 14, 73-83.	1.8	28
182	No need for dark matter in galaxy clusters within Galileon theory. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 033-033.	1.9	17
183	Possible gamma-ray burst radio detections by the Square Kilometre Array. New perspectives. Astrophysics and Space Science, 2016, 361, 1.	0.5	5
184	Astrophysical flows near $f(R)$ gravity black holes. European Physical Journal C, 2016, 76, 269.	1.4	47
185	Wheeler-DeWitt equation and Lie symmetries in Bianchi scalar-field cosmology. European Physical Journal C, 2016, 76, 1.	1.4	11
186	On the Hojman conservation quantities in Cosmology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 8-12.	1.5	9
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