Emilio Elizalde

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8405318/publications.pdf

Version: 2024-02-01

316 papers	11,569 citations	41344 49 h-index	37204 96 g-index

327 all docs	327 docs citations	327 times ranked	2420 citing authors

#	Article	IF	Citations
1	Late-time cosmology in a (phantom) scalar-tensor theory: Dark energy and the cosmic speed-up. Physical Review D, 2004, 70, .	4.7	831
2	Class of viable modified<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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (stretchy="false">)</mml:m expansion. Physical Review D, 2008, 77, .	4.7	679
3	Dark energy in modified Gauss-Bonnet gravity: Late-time acceleration and the hierarchy problem. Physical Review D, 2006, 73, .	4.7	624
4	One-loopf(R) gravity in de Sitter universe. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 010-010.	5.4	364
5	Dark energy: Vacuum fluctuations, the effective phantom phase, and holography. Physical Review D, 2005, 71, .	4.7	359
6	Observational constraints on dark energy with generalized equations of state. Physical Review D, 2006, 73, .	4.7	319
7	String-inspired Gauss-Bonnet gravity reconstructed from the universe expansion history and yielding the transition from matter dominance to dark energy. Physical Review D, 2007, 75, .	4.7	252
8	Phantom scalar dark energy as modified gravity: Understanding the origin of the Big Rip singularity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 646, 105-111.	4.1	231
9	Ten Physical Applications of Spectral Zeta Functions. Lecture Notes in Physics, 2012, , .	0.7	205
10	Viscous little rip cosmology. Physical Review D, 2011, 84, .	4.7	196
11	Î›CDM epoch reconstruction from F (R , G) and modified Gaussâ€“Bonnet gravities. Classical and Quantum Gravity, 2010, 27, 095007.	4.0	194
12	Heat kernel coefficients of the Laplace operator on the D-dimensional ball. Journal of Mathematical Physics, 1996, 37, 895.	1.1	184
13	Reconstructing the universe history, from inflation to acceleration, with phantom and canonical scalar fields. Physical Review D, 2008, 77, .	4.7	183
14	Casimir energies for massive scalar fields in a spherical geometry. Physical Review D, 1997, 56, 4896-4904.	4.7	175
15	Nonsingular exponential gravity: A simple theory for early- and late-time accelerated expansion. Physical Review D, 2011, 83, .	4.7	174
16	Bornâ€“Infeld quantum condensate as dark energy in the universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 574, 1-7.	4.1	139
17	Casimir energy for a massive fermionic quantum field with a spherical boundary. Journal of Physics A, 1998, 31, 1743-1759.	1.6	137
18	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î</mml:mi><mml:mi>CDM</mml:mi></mml:math>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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 47 Td (stretchy="false">)</mml:mo	4.7	132

#	Article	IF	Citations
19	Casimir effect in de Sitter and antiâ€“de Sitter braneworlds. Physical Review D, 2003, 67, .	4.7	131
20	Accelerating cosmologies from non-local higher-derivative gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 193-198.	4.1	118
21	Zeta function determinant of the Laplace operator on theD-dimensional ball. Communications in Mathematical Physics, 1996, 179, 215-234.	2.2	113
22	Uses of zeta regularization in QFT with boundary conditions: a cosmo-topological Casimir effect. Journal of Physics A, 2006, 39, 6299-6307.	1.6	104
23	Renormalization-group improved effective potential for gauge theories in curved spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 240-248.	4.1	88
24	Repulsive Casimir effect from extra dimensions and Robin boundary conditions: From branes to pistons. Physical Review D, 2009, 79, .	4.7	88
25	Essentials of the Casimir effect and its computation. American Journal of Physics, 1991, 59, 711-719.	0.7	86
26	Multidimensional Extension of the Generalized Chowla-Selberg Formula. Communications in Mathematical Physics, 1998, 198, 83-95.	2.2	86
27	Expressions for the zetaâ€function regularized Casimir energy. Journal of Mathematical Physics, 1989, 30, 1133-1139.	1.1	84
28	Zeta-Function Regularization, the Multiplicative Anomaly and the Wodzicki Residue. Communications in Mathematical Physics, 1998, 194, 613-630.	2.2	83
29	Renormalization-group improved effective Lagrangian for interacting theories in curved spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 321, 199-204.	4.1	81
30	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="bold">f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10	4.7	81
31	Initial and final de Sitter universes from modifiedf(R)gravity. Physical Review D, 2009, 79, .	4.7	80
32	Wormhole formation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><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 ETQq0 0 0 rgBT /Overlock fluid. Physical Review D, 2018, 98, .	4.7	77
33	Regular sources of the Kerr-Schild class for rotating and nonrotating black hole solutions. Physical Review D, 2002, 65, .	4.7	65
34	<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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (stretchy="false">)</mml:m	4.7	65
35	scalar-tensor counterpart: Towards a unified precision model of the evolution of the Universe. Physical Review D, 2009, 80, . Neutrino Self-Energy and Index of Refraction in Strong Magnetic Field: A New Approach. Annals of Physics, 2002, 295, 33-49.	2.8	63
36	Unifying inflation with dark energy inÂmodifiedÂF(R)ÂHoÅ™avaâ€“Lifshitz gravity. European Physical Journal C, 2010, 70, 351-361.	3.9	63

#	Article	IF	Citations
37	Rigorous extension of the proof of zeta-function regularization. Physical Review D, 1989, 40, 436-443.	4.7	62
38	Hamiltonian Approach to the Dynamical Casimir Effect. Physical Review Letters, 2006, 97, 130401.	7.8	62
39	An analysis of the phase space of HoÅ™avaâ€“Lifshitz cosmologies. Classical and Quantum Gravity, 2010, 27, 045004.	4.0	61
40	Sum rules for zeros of Bessel functions and an application to spherical Aharonov-Bohm quantum bags. Journal of Physics A, 1993, 26, 2409-2419.	1.6	57
41	Family of regular interiors for nonrotating black holes withT00=T11. Physical Review D, 2002, 65, .	4.7	57
42	Black hole entropy in modified-gravity models. Physical Review D, 2008, 77, .	4.7	57
43	Inflationary 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 stretchy="false">)</mml:mo></mml:math> gravity with antisymmetric tensor fields and their suppression during its evolution. Physical Review D, 2019, 99, .	4.7	57
44	One-loop effective action for non-local modified Gaussâ€“Bonnet gravity in de Sitter space. European Physical Journal C, 2009, 64, 483.	3.9	55
45	Neutrino propagation in a strongly magnetized medium. Physical Review D, 2004, 70, .	4.7	54
46	De Sitter universe in nonlocal gravity. Physical Review D, 2012, 85, .	4.7	54
47	Extended matter bounce scenario in ghost free <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:mi) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 337 compatible with GW170817. Nuclear Physics B, 2020, 954, 114984.	2.8	54
48	Analysis of an inhomogeneous generalized Epsteinâ€“Hurwitz zeta function with physical applications. Journal of Mathematical Physics, 1994, 35, 6100-6122.	1.1	51
49	Spherically symmetric black holes with electric and magnetic charge in extended gravity: physical properties, causal structure, and stability analysis in Einsteinâ€™s and Jordanâ€™s frames. European Physical Journal C, 2020, 80, 1.	3.9	51
50	Stationary vs. singular points in an accelerating FRW cosmology derived from six-dimensional Einsteinâ€“Gaussâ€“Bonnet gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 644, 1-6.	4.1	50
51	Casimir energies for spherically symmetric cavities. Journal of Physics A, 2001, 34, 7311-7327.	1.6	49
52	Wormholes with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ï</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:mtext>â€‰</mml:mtext><mml:msup><mml:mrow><mml:mi> xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
55	Fermionic condensate and Casimir densities in the presence of compact dimensions with applications to nanotubes. Physical Review D, 2011, 83, .	4.7	45
56	Inflationary universe in terms of a van der Waals viscous fluid. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750185.	2.0	45
57	Logarithmic-corrected R² gravity inflation in the presence of Kalb-Ramond fields. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 017-017.	5.4	45
58	The vacuum energy density for spherical and cylindrical universes. Journal of Mathematical Physics, 1994, 35, 3308-3321.	1.1	44
59	Matching the observational value of the cosmological constantâ˜†â˜†This Letter is dedicated to the memory of H.B.G.ÂCasimir. Reported at the Marcel Grossmann Meeting, MG IX MM, Rome, July 2000.. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 516, 143-150.	4.1	43
60	Effective Lagrangian and the back-reaction problem in a self-interacting O(N) scalar theory in curved spacetime. Physical Review D, 1994, 50, 5137-5147.	4.7	42
61	Covariant effective action and one-loop renormalization of two-dimensional dilaton gravity with fermionic matter. Physical Review D, 1994, 49, 2852-2861.	4.7	41
62	Explicit zeta functions for bosonic and fermionic fields on a non-commutative toroidal spacetimeâ€. Journal of Physics A, 2001, 34, 3025-3035.	1.6	41
63	Reconstruction procedure in nonlocal cosmological models. Classical and Quantum Gravity, 2013, 30, 035002.	4.0	41
64	PHANTOM AND QUANTUM MATTER IN AN ANTI DE SITTER UNIVERSE. Modern Physics Letters A, 2004, 19, 29-36.	1.2	39
65	Renormalization-group improved inflationary scalar electrodynamics and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>5</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 332 Td (stretchy="false"> BICEP2 results. Physical Review D, 2014, 90, .	4.7	39
66	Spherical systems in models of nonlocally corrected gravity. Physical Review D, 2010, 81, .	4.7	38
67	Gravitational Evolution of the Largeâ€Scale Probability Density Distribution: The Edgeworth and Gamma Expansions. Astrophysical Journal, 2000, 539, 522-531.	4.5	37
68	Renormalization-group improved effective potential for finite grand unified theories in curved spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 333, 331-336.	4.1	36
69	Zeta functions: formulas and applications. Journal of Computational and Applied Mathematics, 2000, 118, 125-142.	2.0	36
70	Fluctuations of quantum fields via zeta function regularization. Physical Review D, 2002, 65, .	4.7	36
71	Spotting deviations fromR²inflation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 060-060.	5.4	36
72	Phase structure of renormalizable four-fermion models in spacetimes of constant curvature. Physical Review D, 1996, 53, 1917-1926.	4.7	35

#	Article	IF	Citations
73	Casimir effect for parallel plates in de Sitter spacetime. Physical Review D, 2010, 81, .	4.7	35
74	Oscillations of the F(R) dark energy in the accelerating universe. European Physical Journal C, 2012, 72, 1.	3.9	35
75	Quasimatter domination parameters in bouncing cosmologies. Physical Review D, 2015, 91, .	4.7	35
76	New aspects of the Casimir energy theory for a piecewise uniform string. Physical Review D, 1994, 49, 5319-5325.	4.7	34
77	Dark energy generated from a (super-) string effective action with higher-order curvature corrections and a dynamical dilaton. European Physical Journal C, 2008, 53, 447-457.	3.9	34
78	Swampland criteria for a dark energy dominated universe ensuing from Gaussian processes and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>H</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>z</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:math> data analysis. Physical Review D, 2019, 99, .	4.7	34
79	Analysis of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>H</mml:mi><mml:mn>0</mml:mn></mml:msub></mml:math> tension problem in the Universe with viscous dark fluid. Physical Review D, 2020, 102, .	4.7	34
80	Improved effective potential in curved spacetime and quantum matterâ€“higher derivative gravity theory. Physical Review D, 1995, 51, 1680-1691.	4.7	33
81	Renormalization-group improved effective potential for interacting theories with several mass scales in curved spacetime. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1994, 64, 699-708.	1.5	32
82	Casimir energy of a massive field in a genus-1 surface. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 72-78.	4.1	32
83	THE CASIMIR ENERGY OF A MASSIVE FERMIONIC FIELD CONFINED IN A (d + 1)-DIMENSIONAL SLAB-BAG. International Journal of Modern Physics A, 2003, 18, 1761-1772.	1.5	32
84	A FRW dark fluid with a non-linear inhomogeneous equation of state. European Physical Journal C, 2007, 52, 223-228.	3.9	32
85	Chiral symmetry breaking in the Nambu-Jona-Lasinio model in curved spacetime with a nontrivial topology. Physical Review D, 1994, 49, 5551-5558.	4.7	31
86	Applications in physics of the multiplicative anomaly formula involving some basic differential operators. Nuclear Physics B, 1998, 532, 407-428.	2.5	31
87	Conformal transformations in cosmology of modified gravity: the covariant approach perspective. General Relativity and Gravitation, 2010, 42, 1667-1705.	2.0	30
88	Fermionic Casimir densities in antiâ€“de Sitter spacetime. Physical Review D, 2013, 87, .	4.7	30
89	Casimir effect in rugby-ball type flux compactifications. Physical Review D, 2007, 75, .	4.7	29
90	Cosmological solutions of a nonlocal model with a perfect fluid. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 034-034.	5.4	29

#	Article	IF	Citations
91	Gravitational particle production in bouncing cosmologies. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 028-028.	5.4	29
92	An asymptotic expansion for the first derivative of the generalized Riemann zeta function. Mathematics of Computation, 1986, 47, 347-350.	2.1	28
93	A very simple computation of the Casimir effect. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1989, 104, 685-700.	0.2	28
94	Topological symmetry breaking in selfâ€interacting theories on toroidal spaceâ€“time. Journal of Mathematical Physics, 1994, 35, 1260-1273.	1.1	28
95	A four-dimensional theory for quantum gravity with conformal and non-conformal explicit solutions. Classical and Quantum Gravity, 1995, 12, 1385-1400.	4.0	28
96	One-loop renormalization and asymptotic behaviour of a higher-derivative scalar theory in curved spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 328, 297-306.	4.1	27
97	REGULARIZATION OF GENERAL MULTIDIMENSIONAL EPSTEIN ZETA-FUNCTIONS. Reviews in Mathematical Physics, 1989, 01, 113-128.	1.7	26
98	Asymptotic regimes in quantum gravity at large distances and running Newtonian and cosmological constants. Classical and Quantum Gravity, 1994, 11, 1607-1613.	4.0	26
99	Antisymmetric tensor fields on spheres: Functional determinants and nonâ€local counterterms. Journal of Mathematical Physics, 1996, 37, 3105-3117.	1.1	26
100	One-loop effective potential for a fixed charged self-interacting bosonic model at finite temperature with its related multiplicative anomaly. Physical Review D, 1998, 57, 7430-7443.	4.7	26
101	Horizons versus singularities in spherically symmetric space-times. Physical Review D, 2008, 78, .	4.7	26
102	Cosmological attractor inflation from the RG-improved Higgs sector of finite gauge theory. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 025-025.	5.4	26
103	GUTâ€™s in curved spacetime: Running gravitational constants, Newtonian potential, and the quantum-corrected gravitational equations. Physical Review D, 1995, 52, 2202-2213.	4.7	25
104	Possible quantum instability of primordial black holes. Physical Review D, 1999, 59, .	4.7	25
105	Zeta function methods and quantum fluctuations. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 304040.	2.1	25
106	Inhomogeneous viscous dark fluid coupled with dark matter in the FRW universe. Modern Physics Letters A, 2014, 29, 1450132.	1.2	25
107	Gaussâ€“Bonnet modified gravity models with bouncing behavior. Modern Physics Letters A, 2016, 31, 1650108.	1.2	25
108	Beyond-one-loop quantum gravity action yielding both inflation and late-time acceleration. Nuclear Physics B, 2017, 921, 411-435.	2.5	25

#	Article	IF	Citations
109	Viscous fluid holographic inflation. European Physical Journal C, 2019, 79, 1.	3.9	25
110	Beyond-constant-mass-approximation magnetic catalysis in the gauge Higgs-Yukawa model. Physical Review D, 2003, 68, .	4.7	24
111	MULTI-GRAVITON THEORY FROM A DISCRETIZED RS BRANE-WORLD AND THE INDUCED COSMOLOGICAL CONSTANT. Modern Physics Letters A, 2004, 19, 1435-1445.	1.2	24
112	Wormhole models in f(R,T) gravity. International Journal of Modern Physics D, 2019, 28, 1950172.	2.1	24
113	Inflationary magnetogenesis with reheating phase from higher curvature coupling. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 009.	5.4	24
114	Loop cosmology: Regularization vs. quantization. Europhysics Letters, 2010, 89, 69001.	2.0	23
115	Zeta-function regularization is uniquely defined and well. Journal of Physics A, 1994, 27, L299-L304.	1.6	22
116	Effective Einstein cosmological spaces for non-minimal modified gravity. General Relativity and Gravitation, 2015, 47, 1.	2.0	22
117	Void probability as a function of the void's shape and scale-invariant models. Monthly Notices of the Royal Astronomical Society, 1992, 254, 247-256.	4.4	21
118	Complete determination of the singularity structure of zeta functions. Journal of Physics A, 1997, 30, 2735-2743.	1.6	21
119	On particle creation in the flat FRW chart of de Sitter spacetime. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 372003.	2.1	21
120	Cosmological singularities in interacting dark energy models with an ï‰(q) parametrization. International Journal of Modern Physics D, 2019, 28, 1950019.	2.1	21
121	One-loop renormalization in two-dimensional matter-dilaton quantum gravity and charged black holes. Nuclear Physics B, 1993, 399, 581-600.	2.5	20
122	An extension of the Chowla-Selberg formula useful in quantizing with the Wheeler-De Witt equation. Journal of Physics A, 1994, 27, 3775-3785.	1.6	20
123	On the issue of imposing boundary conditions on quantum fields. Journal of Physics A, 2003, 36, L567-L576.	1.6	20
124	Cosmology with an interacting van der Waals fluid. International Journal of Modern Physics D, 2018, 27, 1850037.	2.1	20
125	Exact effective actions for quarks in pure and self-dual mean fields. Nuclear Physics B, 1985, 260, 136-156.	2.5	19
126	EPSTEIN-FUNCTION ANALYSIS OF THE CASIMIR EFFECT AT FINITE TEMPERATURE FOR MASSIVE FIELDS. International Journal of Modern Physics A, 1992, 07, 7365-7399.	1.5	19

#	Article	IF	Citations
127	Dynamical determination of the metric signature in spacetime of non-trivial topology. Classical and Quantum Gravity, 1994, 11, L61-L67.	4.0	19
128	Heat kernel coefficients for Chern-Simons boundary conditions in QED. Classical and Quantum Gravity, 1999, 16, 813-822.	4.0	19
129	Inflation and late-time acceleration from a double-well potential with cosmological constant. General Relativity and Gravitation, 2016, 48, 1.	2.0	19
130	Effective potential for the conformal sector of quantum gravity with torsion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 315, 245-250.	4.1	18
131	Dirac Functional Determinants in Terms of the Eta Invariant and the Noncommutative Residue. Communications in Mathematical Physics, 2003, 237, 507-532.	2.2	18
132	A NOTE ON THE CASIMIR ENERGY OF A MASSIVE SCALAR FIELD IN POSITIVE CURVATURE SPACE. Modern Physics Letters A, 2004, 19, 111-116.	1.2	18
133	HEAT-KERNEL APPROACH TO THE ZETA-FUNCTION REGULARIZATION OF THE CASIMIR ENERGY FOR DOMAINS WITH CURVED BOUNDARIES. International Journal of Modern Physics A, 1990, 05, 1653-1669.	1.5	17
134	Physically sound Hamiltonian formulation of the dynamical Casimir effect. Physical Review D, 2007, 76, .	4.7	17
135	Black hole and deÂSitter solutions in a covariant renormalizable field theory of gravity. Physical Review D, 2011, 83, .	4.7	17
136	Cosmological dynamics in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1865" altimg="si13.svg"><mml:msup><mml:mrow><mml:mi>R</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></m gravity with logarithmic trace term. Physics of the Dark Universe, 2020, 30, 100618.	4.9	17
137	CHIRAL SYMMETRY BREAKING IN THE d = 3 NAMBU-JONA-LASINIO MODEL IN CURVED SPACE-TIME. Modern Physics Letters A, 1994, 09, 913-918.	1.2	16
138	On black holes in the theory of dilatonic gravity coupled to a scalar field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 235-241.	4.1	16
139	Reconstructing cosmic acceleration from modified and nonminimal gravity: The Yang-Mills case. Physical Review D, 2010, 82, .	4.7	16
140	Cosmological models with Yang-Mills fields. Physics of Atomic Nuclei, 2013, 76, 996-1003.	0.4	16
141	Derivative of the generalised Riemann zeta function Î¶(z,q) at z=-1. Journal of Physics A, 1985, 18, 1637-1640.	1.6	15
142	THE RENORMALIZATION STRUCTURE AND QUANTUM EQUIVALENCE OF 2D DILATON GRAVITIES. International Journal of Modern Physics A, 1994, 09, 933-951.	1.5	15
143	Effective potential for a covariantly constant gauge field in curved spacetime. Physical Review D, 1996, 54, 4152-4159.	4.7	15
144	Zeta function for the Laplace operator acting on forms in a ball with gauge boundary conditions. Communications in Mathematical Physics, 1997, 183, 645-660.	2.2	15

#	Article	IF	Citations
145	On the concept of determinant for the differential operators of quantum physics. Journal of High Energy Physics, 1999, 1999, 015-015.	4.7	15
146	Effective finite temperature partition function for fields on noncommutative flat manifolds. Physical Review D, 2001, 64, .	4.7	15
147	Quantum vacuum fluctuations and the cosmological constant. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 6647-6655.	2.1	15
148	De Sitter and power-law solutions in non-local Gaussâ€“Bonnet gravity. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850188.	2.0	15
149	A RENORMALIZATION GROUP IMPROVED NONLOCAL GRAVITATIONAL EFFECTIVE LAGRANGIAN. Modern Physics Letters A, 1995, 10, 1821-1828.	1.2	14
150	Linking little rip cosmologies with regular early universes. Physical Review D, 2018, 98, .	4.7	14
151	A simple recurrence for the higher derivatives of the Hurwitz zeta function. Journal of Mathematical Physics, 1993, 34, 3222-3226.	1.1	13
152	Black hole collapse simulated by vacuum fluctuations with a moving semitransparent mirror. Physical Review D, 2008, 77, .	4.7	13
153	Inflationary universe with a viscous fluid avoiding selfâ€reproduction. Annalen Der Physik, 2017, 529, 1600195.	2.4	13
154	Bounds on non-Gaussianity in the variance from small-scale cosmic microwave background observations. Monthly Notices of the Royal Astronomical Society, 1998, 295, L35-L39.	4.4	13
155	Spectrum of the Casimir effect on a torus. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1989, 44, 471-478.	1.5	12
156	Equation-of-state formalism for dark energy models on the brane and the future of brane universes. European Physical Journal C, 2012, 72, 1.	3.9	12
157	Upper bounds to 1-loop symmetry restoration for the Goldstone model in Rq+1 Ã— Tp in the low-mass and weak-coupling limit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 387-392.	4.1	11
158	An integral involving the generalized zeta function. International Journal of Mathematics and Mathematical Sciences, 1990, 13, 453-460.	0.7	11
159	Applications of the Mellin-Barnes integral representation. Journal of Physics A, 1995, 28, 617-629.	1.6	11
160	Thermal energy of a scalar field in a one-dimensional compact space. Physical Review D, 2002, 66, .	4.7	11
161	Heat-kernel expansion on noncompact domains and a generalized zeta-function regularization procedure. Journal of Mathematical Physics, 2006, 47, 083516.	1.1	11
162	Stability of hyperbolic and matter-dominated bounce cosmologies from F(R,?)modified gravity at late evolution stages. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050162.	2.0	11

#	Article	IF	Citations
163	Viable non-singular cosmic bounce in holonomy improved F(R) gravity endowed with a Lagrange multiplier. European Physical Journal C, 2020, 80, 1.	3.9	11
164	GRAVITATIONAL PHASE TRANSITIONS IN INFRARED QUANTUM GRAVITY. Modern Physics Letters A, 1993, 08, 3325-3333.	1.2	10
165	The conformal anomaly in Nâ€dimensional spaces having a hyperbolic spatial section. Journal of Mathematical Physics, 1995, 36, 5084-5090.	1.1	10
166	Higher derivative four-fermion model in curved spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 347, 33-40.	4.1	10
167	Bosonic string with antisymmetric fields and a non-local Casimir effect. Classical and Quantum Gravity, 1995, 12, 2881-2886.	4.0	10
168	Confined quantum fields under the influence of a uniform magnetic field. Journal of Physics A, 2002, 35, 7403-7414.	1.6	10
169	Fate of the phantom dark energy universe in semiclassical gravity. Physical Review D, 2011, 83, .	4.7	10
170	Matter couplings in HoÅ™avaâ€“Lifshitz theories and their cosmological applications. Classical and Quantum Gravity, 2011, 28, 195002.	4.0	10
171	Topological electro-vacuum solutions in extended gravity. Physical Review D, 2012, 86, .	4.7	10
172	Universal procedure to cure future singularities of dark energy models. General Relativity and Gravitation, 2012, 44, 751-770.	2.0	10
173	One-loop renormalization of higher-derivative 2D dilaton gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 323, 124-132.	4.1	9
174	Manifestations of quantum gravity in scalar QED phenomena. Physical Review D, 1995, 51, 4250-4253.	4.7	9
175	On the instability of the vacuum in multidimensional scalar theories. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1996, 70, 159-172.	1.5	9
176	One-loop effective potential from higher-dimensional AdS black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 155-162.	4.1	9
177	Multi-(super)graviton theory on topologically non-trivial backgrounds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 624, 70-80.	4.1	9
178	Sudden singularities in semiclassical gravity. Physical Review D, 2012, 85, .	4.7	9
179	Determination of the â€œopticalâ€•thickness and of the filling factor of discontinuous Au films from photometric and ellipsometric measurements. Optics Communications, 1986, 60, 378-382.	2.1	8
180	A theory for the conformal factor in quantum R2-gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 33-39.	4.1	8

#	Article	IF	Citations
181	Dynamical symmetry breaking in the Nambu - Jona-Lasinio model with external gravitational and constant electric fields. Classical and Quantum Gravity, 1998, 15, 735-748.	4.0	8
182	Multiplicative anomaly and zeta factorization. Journal of Mathematical Physics, 2004, 45, 1168-1179.	1.1	8
183	ZETA FUNCTION REGULARIZATION IN CASIMIR EFFECT CALCULATIONS AND J. S. DOWKER's CONTRIBUTION. International Journal of Modern Physics A, 2012, 27, 1260005.	1.5	8
184	A novel representation for the free energy in string theory at non-zero temperature. Nuclear Physics B, 1993, 394, 423-442.	2.5	7
185	On Recent Strategies Proposed for Proving the Riemann Hypothesis. International Journal of Modern Physics A, 2003, 18, 2189-2195.	1.5	7
186	Operator Product on Locally Symmetric Spaces of Rank One and the Multiplicative Anomaly. International Journal of Modern Physics A, 2003, 18, 2179-2187.	1.5	7
187	TACHYON FIELDS WITH EFFECTS OF QUANTUM MATTER IN AN ANTI-DE SITTER UNIVERSE. International Journal of Modern Physics D, 2005, 14, 1439-1449.	2.1	7
188	Rotating â€œblack holesâ€•with holes in the horizon. Physical Review D, 2006, 74, .	4.7	7
189	DE SITTER COSMOLOGY FROM GAUSSâ€“BONNET DARK ENERGY WITH QUANTUM EFFECTS. International Journal of Modern Physics D, 2008, 17, 2159-2170.	2.1	7
190	Multiple Î›CDM cosmology with string landscape features and future singularities. Astrophysics and Space Science, 2013, 344, 479-488.	1.4	7
191	de Sitter and power-law solutions in some models of modified gravity. Modern Physics Letters A, 2016, 31, 1650221.	1.2	7
192	Vacuum Energy Fluctuations, The Induced Cosmological Constant and Cosmological Reconstruction in Non-Minimal Modified Gravity Models~!2009-09-09~!2009-09-10~!2010-06-03~!. The Open Astronomy Journal, 2010, 3, 20-29.	1.6	7
193	Casimir effects in Tori and pairs of plates. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 213, 477-481.	4.1	6
194	ONE-LOOP DIVERGENCES IN TWO-DIMENSIONAL MAXWELL-DILATON QUANTUM GRAVITY. Modern Physics Letters A, 1993, 08, 33-43.	1.2	6
195	Higgs-Yukawa model in curved spacetime. Physical Review D, 1995, 51, 5950-5953.	4.7	6
196	One-dimensional Casimir effect perturbed by an external field. Journal of Physics A, 1997, 30, 5393-5403.	1.6	6
197	A new scaling property of the Casimir energy for a piecewise uniform string. Journal of Mathematical Physics, 1999, 40, 1127-1135.	1.1	6
198	Entropy bounds for massive scalar field in positive curvature space. Physical Review D, 2003, 67, .	4.7	6

#	Article	IF	Citations
199	String partition functions, Hilbert schemes and affine Lie algebra representations on homology groups. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 374002.	2.1	6
200	Introduction and Outlook. Lecture Notes in Physics, 2012, , 1-22.	0.7	6
201	Singular inflation from Bornâ€“Infeld-f(R) gravity. Modern Physics Letters A, 2016, 31, 1650149.	1.2	6
202	Cosmological perturbations in a class of fully covariant modified theories: application to models with the same background as standard LQC. European Physical Journal C, 2018, 78, 1.	3.9	6
203	Dilatonic gravity near two dimensions and asymptotic freedom of the gravitational coupling constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 347, 211-216.	4.1	5
204	INFORMATION CONTENT IN UNIFORMLY DISCRETIZED GAUSSIAN NOISE: OPTIMAL COMPRESSION RATES. International Journal of Modern Physics C, 1999, 10, 687-716.	1.7	5
205	Dynamical Casimir effect with semi-transparent mirrors, and cosmology. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 164061.	2.1	5
206	Dynamical Casimir effect and the black body spectrum. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 032002.	2.1	5
207	Fate of the phantom dark energy universe in semiclassical gravity. II. Scalar phantom fields. Physical Review D, 2012, 86, .	4.7	5
208	Brane cosmology from observational surveys and its comparison with standard FRW cosmology. Astrophysics and Space Science, 2013, 347, 1-13.	1.4	5
209	Functional determinant of the massive Laplace operator and the multiplicative anomaly. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 045203.	2.1	5
210	Inhomogeneous imperfect fluid inflation. Astrophysics and Space Science, 2017, 362, 1.	1.4	5
211	Zeta Functions and the Cosmosâ€”A Basic Brief Review. Universe, 2021, 7, 5.	2.5	5
212	SPONTANEOUS COMPACTIFICATION IN 2D INDUCED QUANTUM GRAVITY. Modern Physics Letters A, 1992, 07, 2369-2376.	1.2	4
213	Convenient versus unique effective action formalism in 2d dilaton-Maxwell quantum gravity. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 60, 327-336.	1.5	4
214	Partition functions for the rigid string and membrane at any temperature. Physical Review D, 1993, 48, 1757-1767.	4.7	4
215	Possible evidence of Kaluza-Klein particles in a scalar model with spherical compactification. Journal of Physics A, 1994, 27, 7533-7553.	1.6	4
216	On the relation between the generalized Pauli-Villars and the covariant regularization. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 342, 277-283.	4.1	4

#	Article	IF	Citations
217	CONFORMAL FACTOR DYNAMICS IN THE 1/N EXPANSION. Modern Physics Letters A, 1995, 10, 733-739.	1.2	4
218	DILATONIC GRAVITY NEAR TWO DIMENSIONS AS A STRING THEORY. Modern Physics Letters A, 1995, 10, 2001-2008.	1.2	4
219	Zetaâ€regularization of the O(N) nonlinear sigma model in D dimensions. Journal of Mathematical Physics, 1996, 37, 1128-1147.	1.1	4
220	An effective gravity model and singularity avoidance in quantum FRW cosmologies. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 202002.	2.1	4
221	REPULSIVE CASIMIR FORCES AND ALTERNATIVES TO EINSTEINIAN GRAVITY. International Journal of Modern Physics A, 2010, 25, 2345-2354.	1.5	4
222	One-loop Euclidean Einstein-Weyl gravity in the de Sitter universe. Physical Review D, 2013, 87, .	4.7	4
223	Random surface semiregular triangulated coverings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 166, 314-320.	4.1	3
224	Multistate perceptrons: learning rule and perceptron of maximal stability. Journal of Physics A, 1992, 25, 5039-5045.	1.6	3
225	Laurent series representation for the open superstring free energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 275-281.	4.1	3
226	Mellin-Barnes representation for the genus-g finite temperature string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 87-92.	4.1	3
227	A note on the quantum Hamilton-Jacobi formalism. Foundations of Physics Letters, 1993, 6, 283-288.	0.6	3
228	A FINITE TEMPERATURE PERIODIC STRUCTURE IN (SUPER)STRING THEORY. Modern Physics Letters A, 1993, 08, 1131-1138.	1.2	3
229	NONCRITICAL BOSONIC STRING CORRECTIONS TO THE BLACK HOLE ENTROPY. Modern Physics Letters A, 1995, 10, 1187-1193.	1.2	3
230	QUANTUM EFFECTS OF STRINGY AND MEMBRANIC NATURE FOR THE SWIMMING OF MICRO-ORGANISMS IN A FLUID. International Journal of Modern Physics A, 1996, 11, 5569-5585.	1.5	3
231	The vacuum energy: Casimir effect and the cosmological constant. AIP Conference Proceedings, 2007, , .	0.4	3
232	Some analytic continuations of the Barnes zeta function in two and higher dimensions. Applied Mathematics and Computation, 2007, 187, 141-152.	2.2	3
233	A remembrance of Hendrik Casimir in the 60th anniversary of his discovery, with some basic considerations on the Casimir effect. Journal of Physics: Conference Series, 2009, 161, 012019.	0.4	3
234	Comment on â€œSemitransparency effects in the moving mirror model for Hawking radiationâ€• Physical Review D, 2010, 81, .	4.7	3

#	Article	IF	Citations
235	Spontaneous magnetization of the vacuum and the strength of the magnetic field in the hot Universe. European Physical Journal C, 2012, 72, 1.	3.9	3
236	On asymptotic darkness in HoÅ™ava-Lifshitz gravity. Journal of High Energy Physics, 2012, 2012, 1.	4.7	3
237	Bernhard Riemann, a(rche)typical mathematical-physicist?. Frontiers in Physics, 2013, 1, .	2.1	3
238	The cosmological constant as an eigenvalue of a Sturm-Liouville problem. Astrophysics and Space Science, 2014, 349, 25-32.	1.4	3
239	A method for the construction of stable Galileon models consistent with the Planck data results. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 001-001.	5.4	3
240	â€œAll that Matter â€¦ in One Big Bang â€¦â€; &Other Cosmological Singularities. Galaxies, 2018, 6, 25.	3.0	3
241	Reasons in Favor of a Hubble-LemaÃ®tre-Slipherâ€™s (HLS) Law. Symmetry, 2019, 11, 35.	2.2	3
242	Some Issues on the Foundations of Modern Cosmology, Gravitation and Quantum Physics. Universe, 2020, 6, 189.	2.5	3
243	Interplay between Swampland and Bayesian Machine Learning in constraining cosmological models. European Physical Journal C, 2021, 81, 1.	3.9	3
244	An all-loop result for the constant chromomagnetic background field at high temperature. Nuclear Physics B, 1987, 283, 577-590.	2.5	2
245	On the probability distribution for the cosmological constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 265-270.	4.1	2
246	Renormalization Group Equations in Curved Space-Time with Nontrivial Topology. Europhysics Letters, 1992, 19, 261-265.	2.0	2
247	Effective potential and stability of the rigid membrane. Physical Review D, 1993, 47, 2497-2503.	4.7	2
248	SCHWINGERâ€“DYSON EQUATIONS IN 2-D INDUCED GRAVITY IN COVARIANT GAUGES. Modern Physics Letters A, 1994, 09, 2681-2689.	1.2	2
249	Renormalization group and spontaneous compactification of a higher-dimensional scalar field theory in curved spacetime. Physical Review D, 1996, 54, 6372-6380.	4.7	2
250	Processing and compression of noise-dominated data: application to the cosmic microwave background data on board the Planck satellite. Monthly Notices of the Royal Astronomical Society, 2001, 320, 12-20.	4.4	2
251	Vacuum Fluctuations in Domains with Moving Boundaries and the Dark Energy Issue. , 2009, , .		2
252	Aligned electromagnetic excitations of a black hole and their impact on its quantum horizon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 486-492.	4.1	2

#	Article	IF	Citations
253	Singularity avoidance in quantum FRW cosmologies in the presence of barotropic perfect fluids. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 472001.	2.1	2
254	AdS solutions in gauge supergravities and the global anomaly for the product of complex two-cycles. European Physical Journal C, 2011, 71, 1.	3.9	2
255	Gravitational Particle Production in Massive Chaotic Inflation and the Moduli Problem. Physical Review Letters, 2012, 108, 061303.	7.8	2
256	Zeta functions on tori using contour integration. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550019.	2.0	2
257	Einstein spaces modeling nonminimal modified gravity. European Physical Journal Plus, 2015, 130, 1.	2.6	2
258	From the creation of particles in the vacuum by an accelerated observer to space-time thermodynamics. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 041001.	2.1	2
259	Cosmology in a model with Lagrange multiplier, Gaussâ€“Bonnet and nonminimal kinetic couplings. International Journal of Modern Physics D, 2019, 28, 1950171.	2.1	2
260	An analysis of the phase space of HoÅ™ava-Lifshitz cosmologies. Springer Proceedings in Physics, 2011, , 139-148.	0.2	2
261	Topics in Cosmologyâ€”Clearly Explained by Means of Simple Examples. Universe, 2022, 8, 166.	2.5	2
262	Anisotropies in the galaxy distribution and a quasi-poisson model. Physics Letters, Section A: General, Atomic and Solid State Physics, 1988, 129, 295-298.	2.1	1
263	On the solutions of a general class of non-linear SchrÃ¶dinger equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 162, 167-170.	2.1	1
264	2D dilaton-Maxwell gravity as a fixed point of the renormalization group. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 347-350.	4.1	1
265	SCHWINGERâ€“DYSON EQUATIONS AND CHIRAL SYMMETRY BREAKING IN 2-D INDUCED GRAVITY. Modern Physics Letters A, 1995, 10, 451-456.	1.2	1
266	GENERAL DILATONIC GRAVITY WITH AN ASYMPTOTICALLY FREE GRAVITATIONAL COUPLING CONSTANT NEAR TWO DIMENSIONS. Modern Physics Letters A, 1995, 10, 1507-1519.	1.2	1
267	Dilaton-Maxwell Gravity with Matter Near Two Dimensions. , 1996, 44, 85-104.		1
268	Calculation of the entropy from the heat kernel in a spacetime with a conical singularity. Physical Review D, 1996, 54, 6555-6558.	4.7	1
269	Gross-Neveu model on a sphere with a magnetic monopole. Physical Review D, 1996, 54, 5010-5013.	4.7	1
270	HYPERBOLIC TOPOLOGICAL INVARIANTS AND THE BLACK HOLE GEOMETRY. International Journal of Modern Physics A, 2002, 17, 4167-4176.	1.5	1

#	Article	IF	Citations
271	Cosmological Casimir Effect and Beyond. AIP Conference Proceedings, 2006, , .	0.4	1
272	Modified gravity on the brane and dark energy. General Relativity and Gravitation, 2006, 38, 1367-1377.	2.0	1
273	Analytical regularization for confined quantum fields between parallel surfaces. Journal of Physics A, 2006, 39, 6725-6732.	1.6	1
274	Physical Application: The Casimir Effect. Lecture Notes in Physics, 2012, , 95-118.	0.7	1
275	Dynamical symmetry restoration for a higher-derivative four-fermion model in an external electromagnetic field. Brazilian Journal of Physics, 2000, 30, 573-580.	1.4	1
276	Cosmological Imprint of Quantum Vacuum Fluctuations. EAS Publications Series, 2008, 30, 149-156.	0.3	1
277	Stability of de Sitter Solutions in Non-local Cosmological Models. , 2012, , .		1
278	Applications of Zeta Function Regularization in QFT. Teubner-Texte Zur Physik, 1996, , 122-130.	3.0	1
279	On How the Cyberspace Arose to Fulfill Theoretical Physicistsâ€™ Needs and Eventually Changed the World: Personal Recallings and a Practitionerâ€™s Perspective. Advanced Sciences and Technologies for Security Applications, 2017, , 3-21.	0.5	1
280	On the one-loop ward identity for the gluon self-energy. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1990, 105, 619-638.	0.2	0
281	A general expression for the large scale matter distribution of the universe. Nuclear Physics, Section B, Proceedings Supplements, 1990, 16, 650-652.	0.4	0
282	On the possibility of a multiparticle extension of the Avron-Seiler-Simon mathematical scenario for the quantum Hall effect. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 152, 412-416.	2.1	0
283	Simultaneous eigenvectors for general Abelian hypergroups and restrictions imposed by C*QFT on the modular-conformal fusion algebra. Journal of Physics A, 1991, 24, 1721-1727.	1.6	0
284	Encoding strategies in multilayer neural networks. Journal of Physics A, 1991, 24, 5617-5638.	1.6	0
285	Maximum overlap neural networks for associative memory. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 170, 95-98.	2.1	0
286	One-loop counterterms in 2d dilaton-Maxwell quantum gravity. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 59, 617-620.	1.5	0
287	Beyond then=0 limit restriction for random-surface theories as derived from Hamiltonian gauge models. Physical Review E, 1993, 47, 1642-1645.	2.1	0
288	Theta function identities from optical neural network transformations. International Journal of Mathematics and Mathematical Sciences, 1993, 16, 805-810.	0.7	0

#	Article	IF	Citations
289	YUKAWA MODEL IN CURVED SPACETIME. Modern Physics Letters A, 1995, 10, 1091-1100.	1.2	0
290	RENORMALIZATION-GROUP STRUCTURE OF CONFORMAL QUANTUM GRAVITY WITH MATTER NEAR FOUR DIMENSIONS. International Journal of Modern Physics A, 1996, 11, 4435-4451.	1.5	0
291	Gravity as a Source of Phase Transitions. General Relativity and Gravitation, 1997, 29, 789-793.	2.0	0
292	Spectral zeta functions in non-commutative spacetimes. Nuclear Physics, Section B, Proceedings Supplements, 2002, 104, 157-160.	0.4	0
293	Forms on vector bundles over hyperbolic manifolds and the trace anomaly. Journal of Physics A, 2004, 37, 2479-2486.	1.6	0
294	Quantum Field Theory under the Influence of External Conditions. Journal of Physics A, 2006, 39, .	1.6	0
295	Brane charges and Chernâ€“Simons invariants of hyperbolic spaces, with cosmological applications. Journal of Physics A, 2006, 39, 6217-6224.	1.6	0
296	On f(R) spacetime thermodynamics and viscous cosmology. , 2012, , .		0
297	ZETA FUNCTION REGULARIZATION IN CASIMIR EFFECT CALCULATIONS AND J. S. DOWKER'S CONTRIBUTION. International Journal of Modern Physics Conference Series, 2012, 14, 57-72.	0.7	0
298	Applications of zeta functions and other spectral functions in mathematics and physics: a special issue in honour of Stuart Dowker's 75th birthday. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 370301.	2.1	0
299	Grand challenges in mathematical physics. Frontiers in Physics, 2013, 1, .	2.1	0
300	Galaxies: An International Multidisciplinary Open Access Journal. Galaxies, 2013, 1, 1-5.	3.0	0
301	On a family of non-local gravity models. , 2014, , .		0
302	2nd International Conference on Mathematical Modeling in Physical Sciences 2013 (IC-MSQUARE 2013). Journal of Physics: Conference Series, 2014, 490, 011001.	0.4	0
303	Zeta Functions: Symmetry and Applications. Proceedings (mdpi), 2018, 2, .	0.2	0
304	Casimir Effect Contribution to the Cosmological Constant. Astrophysics and Space Science Library, 2002, , 19-33.	2.7	0
305	Regularization, zeta function method. , 2004, , 345-345.		0
306	Noncommutative Geometry, calculation of determinants. , 2004, , 271-271.		0

#	Article	IF	Citations
307	Five Physical Applications of the Inhomogeneous Generalized Epsteinâ€“Hurwitz Zeta Functions. Lecture Notes in Physics, 2012, , 119-145.	0.7	0
308	Eleventh Application: Topological Symmetry Breaking in Self-Interacting Theories. Lecture Notes in Physics, 2012, , 189-200.	0.7	0
309	Analytical and Numerical Study of Inhomogeneous Epstein and Epsteinâ€“Hurwitz Zeta Functions. Lecture Notes in Physics, 2012, , 67-93.	0.7	0
310	Twelfth Application: Cosmology and the Quantum Vacuum. Lecture Notes in Physics, 2012, , 201-213.	0.7	0
311	Applications to Gravity, Strings and p-Branes. Lecture Notes in Physics, 2012, , 175-187.	0.7	0
312	Miscellaneous Applications Combining Zeta with Other Regularization Procedures. Lecture Notes in Physics, 2012, , 147-174.	0.7	0
313	Galaxies: An International Multidisciplinary Open Access Journal. Galaxies, 2013, 1, 1-5.	3.0	0
314	Possible Instability of the Effective Potential in A Scalar Model Due to Extra Dimensions. NATO ASI Series Series B: Physics, 1994, , 385-388.	0.2	0
315	The determinant anomaly in low-dimensional quantum systems. , 1999, , 227-232.		0
316	Reconstruction procedure for nonlocal Gauss-Bonnet models. International Journal of Modern Physics A, 2020, 35, 2040045.	1.5	0