Emilio Elizalde

List of Publications by Year
in descending order

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	Topics in Cosmology—Clearly Explained by Means of Simple Examples. Universe, 2022, 8, 166.	2.5	2
2	Inflationary magnetogenesis with reheating phase from higher curvature coupling. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 009.	5.4	24
3	Interplay between Swampland and Bayesian Machine Learning in constraining cosmological models. European Physical Journal C, 2021, 81, 1.	3.9	3
4	Zeta Functions and the Cosmos—A Basic Brief Review. Universe, 2021, 7, 5.	2.5	5
5	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
6	Analysis of the H_0 tension problem in the Universe with viscous dark fluid. Physical Review D, 2020, 102, .	4.7	34
7	Some Issues on the Foundations of Modern Cosmology, Gravitation and Quantum Physics. Universe, 2020, 6, 189.	2.5	3
8	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
9	Spherically symmetric black holes with electric and magnetic charge in extended gravity: physical properties, causal structure, and stability analysis in Einstein's and Jordan's frames. European Physical Journal C, 2020, 80, 1.	3.9	51
10	Cosmological dynamics in R^2 gravity with logarithmic trace term. Physics of the Dark Universe, 2020, 30, 100618.	4.9	17
11	Extended matter bounce scenario in ghost free $f(R,$	2.5	11
12	Reconstruction procedure for nonlocal Gauss-Bonnet models. International Journal of Modern Physics A, 2020, 35, 2040045.	1.5	0
13	Cosmological singularities in interacting dark energy models with an ω(q) parametrization. International Journal of Modern Physics D, 2019, 28, 1950019.	2.1	21
14	Cosmology in a model with Lagrange multiplier, Gauss—Bonnet and nonminimal kinetic couplings. International Journal of Modern Physics D, 2019, 28, 1950171.	2.1	2
15	Viscous fluid holographic inflation. European Physical Journal C, 2019, 79, 1.	3.9	25
16	Wormholes with $(R,$		

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19	Logarithmic-corrected R^2 gravity inflation in the presence of Kalb-Ramond fields. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 017-017.	5.4	45
20	Inflationary universe in $F(R)$ gravity with antisymmetric tensor fields and their suppression during its evolution. Physical Review D, 2019, 99, .	4.7	57
21	Wormhole models in f(R,T) gravity. International Journal of Modern Physics D, 2019, 28, 1950172.	2.1	24
22	Cosmology with an interacting van der Waals fluid. International Journal of Modern Physics D, 2018, 27, 1850037.	2.1	20
23	Linking little rip cosmologies with regular early universes. Physical Review D, 2018, 98, .	4.7	14
24	Wormhole formation in $f(R,T)$ Tj ETQq0 0 rgBT/Overlock fluid. Physical Review D, 2018, 98, .	0.0	77
25	De Sitter and power-law solutions in non-local Gauss–Bonnet gravity. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850188.	2.0	15
26	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
27	"All that Matter …" in One Big Bang …, &Other Cosmological Singularities. Galaxies, 2018, 6, 25.	3.0	3
28	Zeta Functions: Symmetry and Applications. Proceedings (mdpi), 2018, 2, .	0.2	0
29	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
30	Inflationary universe with a viscous fluid avoiding self-reproduction. Annalen Der Physik, 2017, 529, 1600195.	2.4	13
31	Inhomogeneous imperfect fluid inflation. Astrophysics and Space Science, 2017, 362, 1.	1.4	5
32	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
33	Beyond-one-loop quantum gravity action yielding both inflation and late-time acceleration. Nuclear Physics B, 2017, 921, 411-435.	2.5	25
34	On How the Cyberspace Arose to Fulfill Theoretical Physicists' Needs and Eventually Changed the World: Personal Recallings and a Practitioner's Perspective. Advanced Sciences and Technologies for Security Applications, 2017, , 3-21.	0.5	1
35	Inflation and late-time acceleration from a double-well potential with cosmological constant. General Relativity and Gravitation, 2016, 48, 1.	2.0	19
36	de Sitter and power-law solutions in some models of modified gravity. Modern Physics Letters A, 2016, 31, 1650221.	1.2	7

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37	Singular inflation from Born–Infeld-f(R) gravity. Modern Physics Letters A, 2016, 31, 1650149.	1.2	6
38	Gauss–Bonnet modified gravity models with bouncing behavior. Modern Physics Letters A, 2016, 31, 1650108.	1.2	25
39	Spotting deviations from R^2 inflation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 060-060.	5.4	36
40	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
41	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
42	Quasimatter domination parameters in bouncing cosmologies. Physical Review D, 2015, 91, .	4.7	35
43	Zeta functions on tori using contour integration. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550019.	2.0	2
44	Gravitational particle production in bouncing cosmologies. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 028-028.	5.4	29
45	Functional determinant of the massive Laplace operator and the multiplicative anomaly. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 045203.	2.1	5
46	Einstein spaces modeling nonminimal modified gravity. European Physical Journal Plus, 2015, 130, 1.	2.6	2
47	Effective Einstein cosmological spaces for non-minimal modified gravity. General Relativity and Gravitation, 2015, 47, 1.	2.0	22
48	On a family of non-local gravity models. , 2014, , .		0
49	Renormalization group improved inflationary scalar electrodynamics and $SU(5)$ scenarios confronted with the Planck and BICEP2 results. Physical Review D, 2014, 90, .	4.7	39
50	The cosmological constant as an eigenvalue of a Sturm-Liouville problem. Astrophysics and Space Science, 2014, 349, 25-32.	1.4	3
51	Inhomogeneous viscous dark fluid coupled with dark matter in the FRW universe. Modern Physics Letters A, 2014, 29, 1450132.	1.2	25
52	2nd International Conference on Mathematical Modeling in Physical Sciences 2013 (IC-MSQUARE 2013). Journal of Physics: Conference Series, 2014, 490, 011001.	0.4	0
53	Cosmological models with Yang-Mills fields. Physics of Atomic Nuclei, 2013, 76, 996-1003.	0.4	16
54	One-loop Euclidean Einstein-Weyl gravity in the de Sitter universe. Physical Review D, 2013, 87, .	4.7	4

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55	Multiple ΛCDM cosmology with string landscape features and future singularities. Astrophysics and Space Science, 2013, 344, 479-488.	1.4	7
56	Reconstruction procedure in nonlocal cosmological models. Classical and Quantum Gravity, 2013, 30, 035002.	4.0	41
57	Brane cosmology from observational surveys and its comparison with standard FRW cosmology. Astrophysics and Space Science, 2013, 347, 1-13.	1.4	5
58	Cosmological solutions of a nonlocal model with a perfect fluid. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 034-034.	5.4	29
59	Fermionic Casimir densities in anti–de Sitter spacetime. Physical Review D, 2013, 87, .	4.7	30
60	Grand challenges in mathematical physics. Frontiers in Physics, 2013, 1, .	2.1	0
61	Bernhard Riemann, a(rche)typical mathematical-physicist?. Frontiers in Physics, 2013, 1, .	2.1	3
62	Galaxies: An International Multidisciplinary Open Access Journal. Galaxies, 2013, 1, 1-5.	3.0	0
63	Galaxies: An International Multidisciplinary Open Access Journal. Galaxies, 2013, 1, 1-5.	3.0	0
64	On f(R) spacetime thermodynamics and viscous cosmology. , 2012, , .		0
65	Topological electro-vacuum solutions in extended gravity. Physical Review D, 2012, 86, .	4.7	10
66	Sudden singularities in semiclassical gravity. Physical Review D, 2012, 85, .	4.7	9
67	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
68	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
69	De Sitter universe in nonlocal gravity. Physical Review D, 2012, 85, .	4.7	54
70	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
71	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
72	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

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73	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
74	Fate of the phantom dark energy universe in semiclassical gravity. II. Scalar phantom fields. Physical Review D, 2012, 86, .	4.7	5
75	Gravitational Particle Production in Massive Chaotic Inflation and the Moduli Problem. Physical Review Letters, 2012, 108, 061303.	7.8	2
76	Introduction and Outlook. Lecture Notes in Physics, 2012, , 1-22.	0.7	6
77	Ten Physical Applications of Spectral Zeta Functions. Lecture Notes in Physics, 2012, , .	0.7	205
78	On asymptotic darkness in HoÅ™ava-Lifshitz gravity. Journal of High Energy Physics, 2012, 2012, 1.	4.7	3
79	Oscillations of the F(R) dark energy in the accelerating universe. European Physical Journal C, 2012, 72, 1.	3.9	35
80	Universal procedure to cure future singularities of dark energy models. General Relativity and Gravitation, 2012, 44, 751-770.	2.0	10
81	Physical Application: The Casimir Effect. Lecture Notes in Physics, 2012, , 95-118.	0.7	1
82	Five Physical Applications of the Inhomogeneous Generalized Epsteinâ€"Hurwitz Zeta Functions. Lecture Notes in Physics, 2012, , 119-145.	0.7	0
83	Eleventh Application: Topological Symmetry Breaking in Self-Interacting Theories. Lecture Notes in Physics, 2012, , 189-200.	0.7	0
84	Analytical and Numerical Study of Inhomogeneous Epstein and Epsteinâ€"Hurwitz Zeta Functions. Lecture Notes in Physics, 2012, , 67-93.	0.7	0
85	Twelfth Application: Cosmology and the Quantum Vacuum. Lecture Notes in Physics, 2012, , 201-213.	0.7	0
86	Applications to Gravity, Strings and p-Branes. Lecture Notes in Physics, 2012, , 175-187.	0.7	0
87	Miscellaneous Applications Combining Zeta with Other Regularization Procedures. Lecture Notes in Physics, 2012, , 147-174.	0.7	0
88	Stability of de Sitter Solutions in Non-local Cosmological Models. , 2012, , .		1
89	Fermionic condensate and Casimir densities in the presence of compact dimensions with applications to nanotubes. Physical Review D, 2011, 83, .	4.7	45
90	Black hole and deÂSitter solutions in a covariant renormalizable field theory of gravity. Physical Review D, 2011, 83, .	4.7	17

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91	Fate of the phantom dark energy universe in semiclassical gravity. Physical Review D, 2011, 83, .	4.7	10
92	Viscous little rip cosmology. Physical Review D, 2011, 84, .	4.7	196
93	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
94	Matter couplings in Hořava–Lifshitz theories and their cosmological applications. Classical and Quantum Gravity, 2011, 28, 195002.	4.0	10
95	Nonsingular exponential gravity: A simple theory for early- and late-time accelerated expansion. Physical Review D, 2011, 83, .	4.7	174
96	An analysis of the phase space of Hořava-Lifshitz cosmologies. Springer Proceedings in Physics, 2011, , 139-148.	0.2	2
97	Loop cosmology: Regularization vs. quantization. Europhysics Letters, 2010, 89, 69001.	2.0	23
98	Unifying inflation with dark energy in modified $F(R)$ Hořava–Lifshitz gravity. European Physical Journal C, 2010, 70, 351-361.	3.9	63
99	Conformal transformations in cosmology of modified gravity: the covariant approach perspective. General Relativity and Gravitation, 2010, 42, 1667-1705.	2.0	30
100	REPULSIVE CASIMIR FORCES AND ALTERNATIVES TO EINSTEINIAN GRAVITY. International Journal of Modern Physics A, 2010, 25, 2345-2354.	1.5	4
101	ΛCDM epoch reconstruction from *F* (*R* , *G*) and modified Gauss–Bonnet gravities. Classical and Quantum Gravity, 2010, 27, 095007.	4.0	194
102	An analysis of the phase space of Hořava–Lifshitz cosmologies. Classical and Quantum Gravity, 2010, 27, 045004.	4.0	61
103	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Λ</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 ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 247 Td (stretchy="false"	4.7	132
104	Reconstructing cosmic acceleration from modified and nonminimal gravity: The Yang-Mills case. Physical Review D, 2010, 82, .	4.7	16
105	Spherical systems in models of nonlocally corrected gravity. Physical Review D, 2010, 81, .	4.7	38
106	Casimir effect for parallel plates in de Sitter spacetime. Physical Review D, 2010, 81, .	4.7	35
107	Comment on "Semitransparency effects in the moving mirror model for Hawking radiation" Physical Review D, 2010, 81, .	4.7	3
108	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

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109	Vacuum Fluctuations in Domains with Moving Boundaries and the Dark Energy Issue. , 2009, , .		2
110	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
111	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
112	One-loop effective action for non-local modified Gauss–Bonnet gravity in de Sitter space. European Physical Journal C, 2009, 64, 483.	3.9	55
113	Repulsive Casimir effect from extra dimensions and Robin boundary conditions: From branes to pistons. Physical Review D, 2009, 79, .	4.7	88
114	<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 50 542 Td (stretchy="false">)</mml:m... scalar-tensor counterpart: Towards a unified precision model of the evolution of the Universe. Physical Review D, 2009, 80, .	4.7	65
115	Initial and final de Sitter universes from modified f(R) gravity. Physical Review D, 2009, 79, .	4.7	80
116	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
117	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
118	An effective gravity model and singularity avoidance in quantum FRW cosmologies. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 202002.	2.1	4
119	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
120	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 50 297 Td (stretchy="false">)</mml:m... expansion. Physical Review D, 2008, 77, .	4.7	679
121	Reconstructing the universe history, from inflation to acceleration, with phantom and canonical scalar fields. Physical Review D, 2008, 77, .	4.7	183
122	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
123	Black hole entropy in modified-gravity models. Physical Review D, 2008, 77, .	4.7	57
124	Black hole collapse simulated by vacuum fluctuations with a moving semitransparent mirror. Physical Review D, 2008, 77, .	4.7	13
125	<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 ETQq1 0 0.78431 rgBT /...	4.7	184
126	Horizons versus singularities in spherically symmetric space-times. Physical Review D, 2008, 78, .	4.7	26

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127	Zeta function methods and quantum fluctuations. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 304040.	2.1	25
128	Dynamical Casimir effect with semi-transparent mirrors, and cosmology. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 164061.	2.1	5
129	DE SITTER COSMOLOGY FROM GAUSSâ€"BONNET DARK ENERGY WITH QUANTUM EFFECTS. International Journal of Modern Physics D, 2008, 17, 2159-2170.	2.1	7
130	Dynamical Casimir effect and the black body spectrum. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 032002.	2.1	5
131	Cosmological Imprint of Quantum Vacuum Fluctuations. EAS Publications Series, 2008, 30, 149-156.	0.3	1
132	Quantum vacuum fluctuations and the cosmological constant. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 6647-6655.	2.1	15
133	The vacuum energy: Casimir effect and the cosmological constant. AIP Conference Proceedings, 2007, , .	0.4	3
134	Casimir effect in rugby-ball type flux compactifications. Physical Review D, 2007, 75, .	4.7	29
135	Physically sound Hamiltonian formulation of the dynamical Casimir effect. Physical Review D, 2007, 76, .	4.7	17
136	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
137	Some analytic continuations of the Barnes zeta function in two and higher dimensions. Applied Mathematics and Computation, 2007, 187, 141-152.	2.2	3
138	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
139	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
140	A FRW dark fluid with a non-linear inhomogeneous equation of state. European Physical Journal C, 2007, 52, 223-228.	3.9	32
141	Observational constraints on dark energy with generalized equations of state. Physical Review D, 2006, 73, .	4.7	319
142	Dark energy in modified Gauss-Bonnet gravity: Late-time acceleration and the hierarchy problem. Physical Review D, 2006, 73, .	4.7	624
143	Rotating â€œblack holesâ€•with holes in the horizon. Physical Review D, 2006, 74, .	4.7	7
144	Cosmological Casimir Effect and Beyond. AIP Conference Proceedings, 2006, , .	0.4	1

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145	Quantum Field Theory under the Influence of External Conditions. Journal of Physics A, 2006, 39, .	1.6	0
146	Modified gravity on the brane and dark energy. General Relativity and Gravitation, 2006, 38, 1367-1377.	2.0	1
147	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
148	Brane charges and Chern–Simons invariants of hyperbolic spaces, with cosmological applications. Journal of Physics A, 2006, 39, 6217-6224.	1.6	0
149	Analytical regularization for confined quantum fields between parallel surfaces. Journal of Physics A, 2006, 39, 6725-6732.	1.6	1
150	Hamiltonian Approach to the Dynamical Casimir Effect. Physical Review Letters, 2006, 97, 130401.	7.8	62
151	Heat-kernel expansion on noncompact domains and a generalized zeta-function regularization procedure. Journal of Mathematical Physics, 2006, 47, 083516.	1.1	11
152	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
153	One-loop f(R) gravity in de Sitter universe. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 010-010.	5.4	364
154	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
155	Dark energy: Vacuum fluctuations, the effective phantom phase, and holography. Physical Review D, 2005, 71, .	4.7	359
156	Forms on vector bundles over hyperbolic manifolds and the trace anomaly. Journal of Physics A, 2004, 37, 2479-2486.	1.6	0
157	Multiplicative anomaly and zeta factorization. Journal of Mathematical Physics, 2004, 45, 1168-1179.	1.1	8
158	PHANTOM AND QUANTUM MATTER IN AN ANTI DE SITTER UNIVERSE. Modern Physics Letters A, 2004, 19, 29-36.	1.2	39
159	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
160	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
161	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
162	Late-time cosmology in a (phantom) scalar-tensor theory: Dark energy and the cosmic speed-up. Physical Review D, 2004, 70, .	4.7	831

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163	Neutrino propagation in a strongly magnetized medium. Physical Review D, 2004, 70, .	4.7	54
164	Regularization, zeta function method. , 2004, , 345-345.		0
165	Noncommutative Geometry, calculation of determinants. , 2004, , 271-271.		0
166	Dirac Functional Determinants in Terms of the Eta Invariant and the Noncommutative Residue. Communications in Mathematical Physics, 2003, 237, 507-532.	2.2	18
167	Born–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
168	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
169	Beyond-constant-mass-approximation magnetic catalysis in the gauge Higgs-Yukawa model. Physical Review D, 2003, 68, .	4.7	24
170	Entropy bounds for massive scalar field in positive curvature space. Physical Review D, 2003, 67, .	4.7	6
171	Casimir effect in de Sitter and anti–de Sitter braneworlds. Physical Review D, 2003, 67, .	4.7	131
172	On Recent Strategies Proposed for Proving the Riemann Hypothesis. International Journal of Modern Physics A, 2003, 18, 2189-2195.	1.5	7
173	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
174	On the issue of imposing boundary conditions on quantum fields. Journal of Physics A, 2003, 36, L567-L576.	1.6	20
175	Regular sources of the Kerr-Schild class for rotating and nonrotating black hole solutions. Physical Review D, 2002, 65, .	4.7	65
176	Fluctuations of quantum fields via zeta function regularization. Physical Review D, 2002, 65, .	4.7	36
177	Thermal energy of a scalar field in a one-dimensional compact space. Physical Review D, 2002, 66, .	4.7	11
178	Family of regular interiors for nonrotating black holes withT00=T11. Physical Review D, 2002, 65, .	4.7	57
179	HYPERBOLIC TOPOLOGICAL INVARIANTS AND THE BLACK HOLE GEOMETRY. International Journal of Modern Physics A, 2002, 17, 4167-4176.	1.5	1
180	Confined quantum fields under the influence of a uniform magnetic field. Journal of Physics A, 2002, 35, 7403-7414.	1.6	10

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181	Neutrino Self-Energy and Index of Refraction in Strong Magnetic Field: A New Approach. Annals of Physics, 2002, 295, 33-49.	2.8	63
182	Spectral zeta functions in non-commutative spacetimes. Nuclear Physics, Section B, Proceedings Supplements, 2002, 104, 157-160.	0.4	0
183	Casimir Effect Contribution to the Cosmological Constant. Astrophysics and Space Science Library, 2002, , 19-33.	2.7	0
184	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
185	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
186	Casimir energies for spherically symmetric cavities. Journal of Physics A, 2001, 34, 7311-7327.	1.6	49
187	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
188	Effective finite temperature partition function for fields on noncommutative flat manifolds. Physical Review D, 2001, 64, .	4.7	15
189	Gravitational Evolution of the Largeâ€Scale Probability Density Distribution: The Edgeworth and Gamma Expansions. Astrophysical Journal, 2000, 539, 522-531.	4.5	37
190	Zeta functions: formulas and applications. Journal of Computational and Applied Mathematics, 2000, 118, 125-142.	2.0	36
191	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
192	On the concept of determinant for the differential operators of quantum physics. Journal of High Energy Physics, 1999, 1999, 015-015.	4.7	15
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