

Gaetano Lambiase

List of Publications by Year in descending order

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177
papers

4,665
citations

94433

37
h-index

128289

60
g-index

178
all docs

178
docs citations

178
times ranked

1666
citing authors

#	ARTICLE	IF	CITATIONS
1	Baryon asymmetry from the generalized uncertainty principle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 824, 136841.	4.1	23
2	On the Evolution of the Hubble Constant with the SNe Ia Pantheon Sample and Baryon Acoustic Oscillations: A Feasibility Study for GRB-Cosmology in 2030. <i>Galaxies</i> , 2022, 10, 24.	3.0	113
3	Neutrino Dynamics in a Quantum-Corrected Schwarzschild Spacetime. <i>Universe</i> , 2022, 8, 202.	2.5	2
4	Precession shift in curvature based extended theories of gravity and quintessence fields. <i>European Physical Journal C</i> , 2022, 82, 1.	3.9	1
5	Unruh Effect for Mixed Neutrinos and the KMS Condition. <i>Universe</i> , 2022, 8, 306.	2.5	1
6	Decoherence limit of quantum systems obeying generalized uncertainty principle: New paradigm for Tsallis thermostatics. <i>Physical Review D</i> , 2022, 105, .	4.7	23
7	Neutrinos Physics: Further Topics. <i>Lecture Notes in Physics</i> , 2021, , 97-112.	0.7	0
8	Quantum Systems in Gravitational Fields. Berry Phases. <i>Lecture Notes in Physics</i> , 2021, , 1-28.	0.7	1
9	Radiative Processes, Spin Currents, Vortices. <i>Lecture Notes in Physics</i> , 2021, , 113-135.	0.7	0
10	Einstein, Planck and Vera Rubin: Relevant Encounters Between the Cosmological and the Quantum Worlds. <i>Frontiers in Physics</i> , 2021, 8, .	2.1	38
11	Quantum nonlocality in extended theories of gravity. <i>Physical Review D</i> , 2021, 103, .	4.7	7
12	Photon frequency shift in curvature-based Extended Theories of Gravity. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	0
13	On the Hubble Constant Tension in the SNe Ia Pantheon Sample. <i>Astrophysical Journal</i> , 2021, 912, 150.	4.5	203
14	Cosmological curvature acceleration. <i>European Physical Journal: Special Topics</i> , 2021, 230, 2123-2138.	2.6	6
15	Constraints on electromagnetic form factors of sub-GeV dark matter from the cosmic microwave background anisotropy. <i>Physical Review D</i> , 2021, 104, .	4.7	5
16	Neutrino spin oscillations in conformally gravity coupling models and quintessence surrounding a black hole. <i>Physical Review D</i> , 2021, 104, .	4.7	8
17	Virial theorem in scalar tensor fourth order gravity. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	2
18	The Mashhoon Effect. <i>Spin-Gravity Interactions. Lecture Notes in Physics</i> , 2021, , 29-50.	0.7	0

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19	The gravitino problem in extended gravity cosmologies. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	0
20	Neutrinos in Gravitational Fields. <i>Lecture Notes in Physics</i> , 2021, , 69-96.	0.7	0
21	Neutrino pair annihilation ($\nu \bar{\nu} \rightarrow e^+ e^-$) in the presence of quintessence surrounding a black hole. <i>European Physical Journal C</i> , 2021, 81, .	3.9	11
22	Quantum interference in external gravitational fields beyond General Relativity. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	6
23	Spontaneous Lorentz Violation from Infrared Gravity. <i>Symmetry</i> , 2021, 13, 1854.	2.2	4
24	Neutrino oscillations in Unruh radiation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 800, 135083.	4.1	26
25	Phenomenology of GUP stars. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	44
26	Revealing neutrino nature and CPT violation with decoherence effects. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	14
27	Discerning the Nature of Neutrinos: Decoherence and Geometric Phases. <i>Universe</i> , 2020, 6, 207.	2.5	11
28	Probing quantum field theory particle mixing and dark-matter-like effects with Rydberg atoms. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	6
29	Hydrogen spin oscillations in a background of axions and the 21-cm brightness temperature. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, , .	4.4	6
30	Generalized ghost-free propagators in nonlocal field theories. <i>Physical Review D</i> , 2020, 101, .	4.7	25
31	Non-relativistic neutrinos and the weak equivalence principle apparent violation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 811, 135883.	4.1	8
32	Unlocking neutrino mysteries via the inverse \hat{I}^2 -decay. <i>Journal of Physics: Conference Series</i> , 2020, 1548, 012038.	0.4	4
33	Generalized uncertainty principle in three-dimensional gravity and the BTZ black hole. <i>Physical Review D</i> , 2020, 101, .	4.7	42
34	Neutrinos in curved spacetime: Particle mixing and flavor oscillations. <i>Physical Review D</i> , 2020, 101, .	4.7	38
35	Time-energy uncertainty relation for neutrino oscillations in curved spacetime. <i>Classical and Quantum Gravity</i> , 2020, 37, 155004.	4.0	22
36	Precision gravity tests and the Einstein Equivalence Principle. <i>Progress in Particle and Nuclear Physics</i> , 2020, 112, 103772.	14.4	56

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37	Heuristic derivation of Casimir effect in minimal length theories. International Journal of Modern Physics D, 2020, 29, 2050011.	2.1	34
38	Consequences of $f(?)$ Cosmology in Thermal Leptogenesis and Gravitino Late Abundance. Symmetry, 2020, 12, 300.	2.2	2
39	On the β -decay of the accelerated proton and neutrino oscillations: a three-flavor description with CP violation. European Physical Journal C, 2020, 80, 1.	3.9	25
40	Primordial gravitational wave signals in modified cosmologies. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 051-051.	5.4	28
41	Updating constraints on f teleparallel cosmology and the consistency with big bang nucleosynthesis. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1795-1805.	4.4	41
42	Testing fundamental physics with photon frequency shift. European Physical Journal C, 2020, 80, 1.	3.9	11
43	Effects of Modified Theories of Gravity on Neutrino Pair Annihilation Energy Deposition near Neutron Stars. Astrophysical Journal, 2020, 904, 19.	4.5	13
44	Enlarging local symmetries: A nonlocal Galilean model. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2040009.	2.0	0
45	Nonlocal generalization of Galilean theories and gravity. Physical Review D, 2019, 100, .	4.7	21
46	Heuristic derivation of the Casimir effect from Generalized Uncertainty Principle. Journal of Physics: Conference Series, 2019, 1275, 012024.	0.4	9
47	Remarks on the Unruh effect with mixed neutrinos. Journal of Physics: Conference Series, 2019, 1275, 012063.	0.4	4
48	Dark matter in modified cosmologies. Journal of Physics: Conference Series, 2019, 1275, 012059.	0.4	0
49	Inverse \hat{I}^2 -decay: a twin-model with boson fields. Journal of Physics: Conference Series, 2019, 1226, 012027.	0.4	5
50	Testing dark energy models in the light of σ_{8} tension. European Physical Journal C, 2019, 79, 1.	3.9	40
51	Noncommutative Schwarzschild geometry and generalized uncertainty principle. European Physical Journal C, 2019, 79, 1.	3.9	83
52	Axion-photon mixing in quantum field theory and vacuum energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 427-435.	4.1	28
53	Ghost-free infinite derivative quantum field theory. Nuclear Physics B, 2019, 944, 114646.	2.5	78
54	Decoherence in neutrino oscillations, neutrino nature and CPT violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 298-303.	4.1	40

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55	Equivalence principle violation at finite temperature in scalar-tensor gravity. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	17
56	Casimir effect in quadratic theories of gravity. <i>European Physical Journal C</i> , 2019, 79, 41.	3.9	34
57	Lorentz violation and generalized uncertainty principle. <i>Physical Review D</i> , 2018, 97, .	4.7	73
58	Casimir effect in Post-Newtonian gravity with Lorentz-violation. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	34
59	Neutrino oscillations in accelerated frames. <i>Europhysics Letters</i> , 2018, 124, 51001.	2.0	20
60	Classical properties of non-local, ghost- and singularity-free gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 034-034.	5.4	84
61	Towards nonsingular rotating compact object in ghost-free infinite derivative gravity. <i>Physical Review D</i> , 2018, 98, .	4.7	43
62	Conformally-flat, non-singular static metric in infinite derivative gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 014-014.	5.4	62
63	Scalar-tensor theories of gravity with torsion and the propagation of photons. <i>International Journal of Geometric Methods in Modern Physics</i> , 2018, 15, 1850176.	2.0	1
64	PeV IceCube signals and Dark Matter relic abundance in modified cosmologies. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	17
65	Non-thermal Unruh radiation for flavour neutrinos. <i>Journal of Physics: Conference Series</i> , 2018, 956, 012021.	0.4	23
66	Role of neutrino mixing in accelerated proton decay. <i>Physical Review D</i> , 2018, 97, .	4.7	37
67	Quantum solitonic wave-packet of a meso-scopic system in singularity free gravity. <i>Nuclear Physics B</i> , 2018, 931, 250-261.	2.5	9
68	GUP parameter from quantum corrections to the Newtonian potential. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 242-246.	4.1	136
69	Cosmological consequences of noncommutative gauge theories. <i>Classical and Quantum Gravity</i> , 2017, 34, 025004.	4.0	1
70	Probing nonlinear electrodynamics in slowly rotating spacetimes through neutrino astrophysics. <i>Physical Review D</i> , 2017, 95, .	4.7	19
71	Nonthermal signature of the Unruh effect in field mixing. <i>Physical Review D</i> , 2017, 96, .	4.7	43
72	Casimir effect in extended theories of gravity. <i>Physical Review D</i> , 2017, 95, .	4.7	25

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73	Cosmology with bulk viscosity and the gravitino problem. European Physical Journal C, 2017, 77, 1.	3.9	2
74	Testing theories of gravity and supergravity with inflation and observations of the cosmic microwave background. International Journal of Modern Physics D, 2017, 26, 1730023.	2.1	8
75	Constraining f(T) teleparallel gravity by big bang nucleosynthesis. European Physical Journal C, 2017, 77, 576.	3.9	55
76	Dilaton assisted two-field inflation from no-scale supergravity. Physical Review D, 2016, 94, .	4.7	9
77	Cosmological evolution of thermal relic particles in $f(R)$ gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 003-003.	4.7	14
78	Propagation of quantum particles in Brans-Dicke spacetime: The case of gamma ray bursts. Modern Physics Letters A, 2015, 30, 1540032.	1.2	4
79	The emission of Gamma Ray Bursts as a test-bed for modified gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 344-347.	4.1	7
80	Axion-photon mixing and geometric phase. Journal of Physics: Conference Series, 2015, 626, 012059.	0.4	1
81	Boson field mixing in Rindler spacetime. Journal of Physics: Conference Series, 2015, 631, 012053.	0.4	10
82	Probing Mixing of Photons and Axion-Like Particles by Geometric Phase. Advances in High Energy Physics, 2015, 2015, 1-7.	1.1	5
83	Constraining models of extended gravity using Gravity Probe B and LARES experiments. Physical Review D, 2015, 91, .	4.7	49
84	Astrophysical constraints on extended gravity models. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 003-003.	5.4	38
85	Thermal relics in cosmology with bulk viscosity. European Physical Journal C, 2015, 75, 1.	3.9	6
86	Constraints on Covariant Horava-Lifshitz Gravity from frame-dragging experiment. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 014-014.	5.4	16
87	Quantum field theory in curved graphene spacetimes, Lobachevsky geometry, Weyl symmetry, Hawking effect, and all that. Physical Review D, 2014, 90, .	4.7	82
88	Thermal leptogenesis in $f(R)$ gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 014-014.	4.7	17
89	A framework for dynamical generation of flavor mixing. Journal of Physics: Conference Series, 2014, 538, 012003.	0.4	9
90	Spin-rotation coupling in compound spin objects. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1021-1023.	2.1	6

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91	Consequences of $f(R)$ theories of gravity on gravitational leptogenesis. General Relativity and Gravitation, 2013, 45, 1771-1785.	2.0	10
92	GSI anomaly and spin-rotation coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 998-1001.	4.1	11
93	NEUTRINO COUPLING TO COSMOLOGICAL BACKGROUND: A REVIEW ON GRAVITATIONAL BARYO/LEPTOGENESIS. International Journal of Modern Physics D, 2013, 22, 1330030.	2.1	56
94	Constraints on noncommutative spectral action from Gravity Probe B and torsion balance experiments. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 020-020.	5.4	31
95	Spin-rotation coupling and Thomas precession of ions in a storage ring. Journal of Physics: Conference Series, 2013, 442, 012073.	0.4	1
96	Constraints on massive gravity theory from big bang nucleosynthesis. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 028-028.	5.4	16
97	Cosmic relic abundance and $f(R)$ gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 1-8.	4.1	29
98	The role of spin-rotation coupling in the non-exponential decay of hydrogen-like heavy ions. Annals of Physics, 2012, 332, 143-165.	2.8	8
99	The Hawking-Unruh phenomenon on graphene. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 334-337.	4.1	92
100	Dark energy from neutrinos and standard model Higgs potential. Astroparticle Physics, 2012, 35, 629-633.	4.3	4
101	Dark matter relic abundance and big bang nucleosynthesis in Horava's gravity. Physical Review D, 2011, 83, .	4.7	14
102	Leptogenesis by curvature coupling of heavy neutrinos. Physical Review D, 2011, 84, .	4.7	13
103	Nonlinear electrodynamics and CMB polarization. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 033-033.	5.4	11
104	Nonlinear Electrodynamics and CMB Polarization. , 2010, , .		0
105	OPTICS OF SPIN-1 PARTICLES FROM GRAVITY-INDUCED PHASES. International Journal of Modern Physics D, 2009, 18, 485-499.	2.1	16
106	NEUTRINO MASS SPECTRUM FROM NEUTRINO SPIN-FLIP-DRIVEN GRAVITATIONAL WAVES. International Journal of Modern Physics D, 2009, 18, 435-443.	2.1	6
107	Primordial magnetic fields and gravitational baryogenesis in nonlinear electrodynamics. Physical Review D, 2009, 80, .	4.7	32
108	ELECTROMAGNETIC SHAPE RESONANCES OF A DIELECTRIC SPHERE AND RADIATION OF PORTABLE TELEPHONES. Modern Physics Letters B, 2008, 22, 735-742.	1.9	1

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109	Magnetic field amplification in (R) theories of gravity. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 019.	5.4	32
110	Neutrino Mass Spectrum from Gravitational Waves Generated by Double Neutrino Spin Flip in Supernovae. Astrophysical Journal, 2008, 689, 371-376.	4.5	21
111	Gravitational leptogenesis. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 008-008.	5.4	18
112	Leptogenesis from Spin-Gravity Coupling following Inflation. Physical Review Letters, 2006, 96, 071302.	7.8	19
113	Baryogenesis in (R) theories of gravity. Physical Review D, 2006, 74, .	4.7	76
114	Standard Model extension with gravity and gravitational baryogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 9-12.	4.1	33
115	Lower neutrino mass bound from SN1987A data and quantum geometry. Classical and Quantum Gravity, 2006, 23, 1347-1358.	4.0	5
116	A FLUID OF STRINGS AS A VIABLE CANDIDATE FOR THE DARK SIDE OF THE UNIVERSE. International Journal of Modern Physics D, 2006, 15, 69-94.	2.1	17
117	Pulsar kicks induced by spin flavour oscillations of neutrinos in gravitational fields. Monthly Notices of the Royal Astronomical Society, 2005, 362, 867-871.	4.4	35
118	Propagation of Neutrinos and Photons in Gravitational Fields. AIP Conference Proceedings, 2005, , .	0.4	0
119	Effects of CPT and Lorentz invariance violation on pulsar kicks. Physical Review D, 2005, 71, .	4.7	12
120	Neutrino optics and oscillations in gravitational fields. Physical Review D, 2005, 71, .	4.7	79
121	Lorentz invariance breakdown and constraints from big-bang nucleosynthesis. Physical Review D, 2005, 72, .	4.7	32
122	Spin flavor oscillation of neutrinos in rotating gravitational fields and their effects on pulsar kicks. Brazilian Journal of Physics, 2005, 35, 462-469.	1.4	4
123	Gauge invariant wave equations in curved space-times and primordial magnetic fields. Physical Review D, 2004, 70, .	4.7	55
124	Discrete symmetries in the spin-rotation interaction. Physical Review D, 2004, 70, .	4.7	13
125	Entangled quantum fields near the event horizon and entropy. Annals of Physics, 2004, 309, 151-165.	2.8	37
126	Neutrino oscillations and Lorentz invariance breakdown. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 560, 1-6.	4.1	13

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127	Matter-antimatter asymmetry generated by loop quantum gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 27-32.	4.1	17
128	CERENKOV'S EFFECT AND NEUTRINO OSCILLATIONS IN LOOP QUANTUM GRAVITY. Modern Physics Letters A, 2003, 18, 23-30.	1.2	12
129	NEUTRINO CONDENSATES AT CENTER OF GALAXIES AS BACKGROUND FOR THE MSW MECHANISM. Modern Physics Letters A, 2003, 18, 905-911.	1.2	6
130	NEWTONIAN LIMIT OF STRING-DILATON GRAVITY. International Journal of Modern Physics D, 2003, 12, 843-852.	2.1	12
131	MSW Effect in Loop Quantum Gravity and Constraints on Parameters from Neutrino-Antineutrino Transitions. Modern Physics Letters A, 2003, 18, 1397-1401.	1.2	0
132	Spin-flavour conversion of neutrinos in loop quantum gravity. Classical and Quantum Gravity, 2003, 20, 4213-4220.	4.0	8
133	CASIMIR ENERGY OF A DILUTE DIELECTRIC BALL AT ZERO AND FINITE TEMPERATURE. International Journal of Modern Physics A, 2002, 17, 790-793.	1.5	5
134	EMISSION OF CERENKOV RADIATION BY CHARGED PARTICLES IN STATIONARY GEOMETRIES. Modern Physics Letters A, 2002, 17, 1861-1869.	1.2	1
135	DIFFUSION OF SCALAR PARTICLES IN JANIS-NEWMAN-WINICOUR-WYMAN GRAVITATIONAL FIELD AND GRBs. Modern Physics Letters A, 2002, 17, 647-657.	1.2	1
136	Gamma-Ray Bursts in Brans-Dicke theory. Europhysics Letters, 2002, 59, 173-179.	2.0	0
137	Entropy of Black Holes: A Quantum Algebraic Approach. Entropy, 2002, 4, 168-182.	2.2	1
138	Casimir Effect for a Perfectly Conducting Wedge in Terms of Local Zeta Function. Annals of Physics, 2002, 298, 403-420.	2.8	50
139	Spin-rotation coupling in muon $g-2$ experiments. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 294, 175-178.	2.1	24
140	Radiation bursts from particles in the field of compact, impenetrable, astrophysical objects. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 300, 603-610.	2.1	14
141	Neutrino Oscillations in Exotic Geometries and the Equivalence Principle Violation. General Relativity and Gravitation, 2002, 34, 1097-1106.	2.0	5
142	Space-Time Fluctuations Induced by D-Branes and Their Effects on Neutrino Oscillations. General Relativity and Gravitation, 2002, 34, 1437-1444.	2.0	2
143	Letter: Cerenkov Radiation from a Charged Particle in a Weyl-Dirac Theory. General Relativity and Gravitation, 2002, 34, 2163-2170.	2.0	1
144	Neutrino oscillations in non-inertial frames and the violation of the equivalence principle Neutrino mixing induced by the equivalence principle violation. European Physical Journal C, 2001, 19, 553-560.	3.9	20

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145	Maximal acceleration effects in Kerr space. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 283, 53-61.	2.1	24
146	Quantization of Scalar Fields in Curved Background and Quantum Algebras. <i>Annals of Physics</i> , 2001, 294, 234-250.	2.8	15
147	Geometric classification of the torsion tensor of space-time. <i>Annalen Der Physik</i> , 2001, 10, 713-727.	2.4	83
148	LETTER: Neutrino Oscillations Induced by Gravitational Recoil Effects. <i>General Relativity and Gravitation</i> , 2001, 33, 2151-2156.	2.0	11
149	Quantization of Boson Fields in Quantum Geometry. <i>International Journal of Theoretical Physics</i> , 2001, 40, 1267-1275.	1.2	0
150	Neutrino Oscillations in Caianiello's Quantum Geometry Model. <i>International Journal of Theoretical Physics</i> , 2001, 40, 849-859.	1.2	9
151	Quantum violations of the equivalence principle in a modified Schwarzschild geometry. Neutrino oscillations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 279, 163-168.	2.1	19
152	ZERO-POINT ENERGY OF A DILUTE DIELECTRIC BALL IN THE MODE SUMMATION METHOD. <i>Modern Physics Letters A</i> , 2001, 16, 1983-1995.	1.2	42
153	Probing the Brans-Dicke gravitational field by Cherenkov radiation. <i>Europhysics Letters</i> , 2001, 56, 778-783.	2.0	8
154	Casimir energy of a semi-circular infinite cylinder. <i>Journal of Mathematical Physics</i> , 2001, 42, 1974.	1.1	23
155	Casimir effect for a dilute dielectric ball at finite temperature. <i>Physical Review D</i> , 2001, 64, .	4.7	12
156	Massive scalar particles in a modified Schwarzschild geometry. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 268, 247-254.	2.1	15
157	Thin shell quantization in Weyl spacetime. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 273, 25-30.	2.1	5
158	Higher-Order Corrections to the Effective Gravitational Action from Noether Symmetry Approach. <i>General Relativity and Gravitation</i> , 2000, 32, 295-311.	2.0	93
159	Selection Rules in Minisuperspace Quantum Cosmology. <i>General Relativity and Gravitation</i> , 2000, 32, 673-696.	2.0	82
160	Generalized Uncertainty Principle from Quantum Geometry. <i>International Journal of Theoretical Physics</i> , 2000, 39, 15-22.	1.2	295
161	Nonminimal Derivative Couplings and Inflation in Generalized Theories of Gravity. <i>Annalen Der Physik</i> , 2000, 9, 39-48.	2.4	110
162	Inertial effects on Berry's phase of neutrino oscillations. <i>European Physical Journal C</i> , 2000, 16, 155-159.	3.9	10

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163	Inertial effects on neutrino oscillations. <i>European Physical Journal C</i> , 2000, 12, 343-347.	3.9	19
164	RADIATION FROM A UNIFORMLY ACCELERATED CHARGE IN THE OUTSKIRTS OF A WORMHOLE THROAT. <i>Modern Physics Letters A</i> , 2000, 15, 2219-2228.	1.2	9
165	Berry's phase of neutrino oscillations in the presence of torsion. <i>Europhysics Letters</i> , 2000, 52, 15-21.	2.0	9
166	Cerenkov radiation and scalar stars. <i>Classical and Quantum Gravity</i> , 2000, 17, 3171-3181.	4.0	9
167	Supermassive boson star at the galactic center?. <i>Physical Review D</i> , 2000, 62, .	4.7	140
168	Fermion helicity flip induced by torsion field. <i>Europhysics Letters</i> , 1999, 46, 710-715.	2.0	29
169	NEUTRINO OSCILLATIONS IN BRANS-DICKE THEORY OF GRAVITY. <i>Modern Physics Letters A</i> , 1999, 14, 2193-2200.	1.2	42
170	Regularizing property of the maximal acceleration principle in quantum field theory. <i>Physical Review D</i> , 1999, 60, .	4.7	26
171	Casimir energy of a ball and cylinder in the zeta function technique. <i>Journal of Mathematical Physics</i> , 1999, 40, 6254-6265.	1.1	46
172	STRING DILATON FLUID COSMOLOGY. <i>International Journal of Modern Physics D</i> , 1999, 08, 213-227.	2.1	8
173	Higher order corrections in gravitational microlensing. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999, 254, 11-17.	2.1	21
174	Schwarzschild field with maximal acceleration corrections. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999, 263, 147-153.	2.1	44
175	Nonminimal Derivative Coupling and the Recovering of Cosmological Constant. <i>General Relativity and Gravitation</i> , 1999, 31, 1005-1014.	2.0	112
176	Berry and geometrical phase induced by torsion field. <i>Europhysics Letters</i> , 1999, 48, 482-485.	2.0	4
177	Maximal acceleration corrections to the Lamb shift of hydrogen, deuterium and He+. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 244, 349-354.	2.1	26