

# Gaetano Lambiase

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1232451/publications.pdf>

Version: 2024-02-01

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	Generalized Uncertainty Principle from QuantumGeometry. International Journal of Theoretical Physics, 2000, 39, 15-22.	1.2	295
2	On the Hubble Constant Tension in the SNe Ia Pantheon Sample. Astrophysical Journal, 2021, 912, 150.	4.5	203
3	Supermassive boson star at the galactic center?. Physical Review D, 2000, 62, .	4.7	140
4	GUP parameter from quantum corrections to the Newtonian potential. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 242-246.	4.1	136
5	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. Galaxies, 2022, 10, 24.	3.0	113
6	Nonminimal Derivative Coupling and the Recovering of Cosmological Constant. General Relativity and Gravitation, 1999, 31, 1005-1014.	2.0	112
7	Nonminimal Derivative Couplings and Inflation in Generalized Theories of Gravity. Annalen Der Physik, 2000, 9, 39-48.	2.4	110
8	Higher-Order Corrections to the Effective Gravitational Action from Noether Symmetry Approach. General Relativity and Gravitation, 2000, 32, 295-311.	2.0	93
9	The Hawkingâ€™Unruh phenomenon on graphene. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 334-337.	4.1	92
10	Classical properties of non-local, ghost- and singularity-free gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 034-034.	5.4	84
11	Geometric classification of the torsion tensor of space-time. Annalen Der Physik, 2001, 10, 713-727.	2.4	83
12	Noncommutative Schwarzschild geometry and generalized uncertainty principle. European Physical Journal C, 2019, 79, 1.	3.9	83
13	Selection Rules in Minisuperspace Quantum Cosmology. General Relativity and Gravitation, 2000, 32, 673-696.	2.0	82
14	Quantum field theory in curved graphene spacetimes, Lobachevsky geometry, Weyl symmetry, Hawking effect, and all that. Physical Review D, 2014, 90, .	4.7	82
15	Neutrino optics and oscillations in gravitational fields. Physical Review D, 2005, 71, .	4.7	79
16	Ghost-free infinite derivative quantum field theory. Nuclear Physics B, 2019, 944, 114646.	2.5	78
17	Baryogenesis inf(R)theories of gravity. Physical Review D, 2006, 74, .	4.7	76
18	Lorentz violation and generalized uncertainty principle. Physical Review D, 2018, 97, .	4.7	73

#	ARTICLE	IF	CITATIONS
19	Conformally-flat, non-singular static metric in infinite derivative gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 014-014.	5.4	62
20	NEUTRINO COUPLING TO COSMOLOGICAL BACKGROUND: A REVIEW ON GRAVITATIONAL BARYO/LEPTOGENESIS. International Journal of Modern Physics D, 2013, 22, 1330030.	2.1	56
21	Precision gravity tests and the Einstein Equivalence Principle. Progress in Particle and Nuclear Physics, 2020, 112, 103772.	14.4	56
22	Gauge invariant wave equations in curved space-times and primordial magnetic fields. Physical Review D, 2004, 70, .	4.7	55
23	Constraining $f(T)$ teleparallel gravity by big bang nucleosynthesis. European Physical Journal C, 2017, 77, 576.	3.9	55
24	Casimir Effect for a Perfectly Conducting Wedge in Terms of Local Zeta Function. Annals of Physics, 2002, 298, 403-420.	2.8	50
25	Constraining models of extended gravity using Gravity Probe B and LARES experiments. Physical Review D, 2015, 91, .	4.7	49
26	Casimir energy of a ball and cylinder in the zeta function technique. Journal of Mathematical Physics, 1999, 40, 6254-6265.	1.1	46
27	Schwarzschild field with maximal acceleration corrections. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 263, 147-153.	2.1	44
28	Phenomenology of GUP stars. European Physical Journal C, 2020, 80, 1.	3.9	44
29	Nonthermal signature of the Unruh effect in field mixing. Physical Review D, 2017, 96, .	4.7	43
30	Towards nonsingular rotating compact object in ghost-free infinite derivative gravity. Physical Review D, 2018, 98, .	4.7	43
31	NEUTRINO OSCILLATIONS IN BRANS-DICKE THEORY OF GRAVITY. Modern Physics Letters A, 1999, 14, 2193-2200.	1.2	42
32	ZERO-POINT ENERGY OF A DILUTE DIELECTRIC BALL IN THE MODE SUMMATION METHOD. Modern Physics Letters A, 2001, 16, 1983-1995.	1.2	42
33	Generalized uncertainty principle in three-dimensional gravity and the BTZ black hole. Physical Review D, 2020, 101, .	4.7	42
34	Updating constraints on $f(T)$ teleparallel cosmology and the consistency with big bang nucleosynthesis. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1795-1805.	4.4	41
35	Testing dark energy models in the light of $\sigma_8$ tension. European Physical Journal C, 2019, 79, 1.	3.9	40
36	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

#	ARTICLE	IF	CITATIONS
37	Astrophysical constraints on extended gravity models. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 003-003.	5.4	38
38	Neutrinos in curved spacetime: Particle mixing and flavor oscillations. Physical Review D, 2020, 101, .	4.7	38
39	Einstein, Planck and Vera Rubin: Relevant Encounters Between the Cosmological and the Quantum Worlds. Frontiers in Physics, 2021, 8, .	2.1	38
40	Entangled quantum fields near the event horizon and entropy. Annals of Physics, 2004, 309, 151-165.	2.8	37
41	Role of neutrino mixing in accelerated proton decay. Physical Review D, 2018, 97, .	4.7	37
42	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
43	Casimir effect in Post-Newtonian gravity with Lorentz-violation. European Physical Journal C, 2018, 78, 1.	3.9	34
44	Casimir effect in quadratic theories of gravity. European Physical Journal C, 2019, 79, 41.	3.9	34
45	Heuristic derivation of Casimir effect in minimal length theories. International Journal of Modern Physics D, 2020, 29, 2050011.	2.1	34
46	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
47	Lorentz invariance breakdown and constraints from big-bang nucleosynthesis. Physical Review D, 2005, 72, .	4.7	32
48	Magnetic field amplification in $R$ theories of gravity. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 019.	5.4	32
49	Primordial magnetic fields and gravitational baryogenesis in nonlinear electrodynamics. Physical Review D, 2009, 80, .	4.7	32
50	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
51	Fermion helicity flip induced by torsion field. Europhysics Letters, 1999, 46, 710-715.	2.0	29
52	Cosmic relic abundance and $f$ gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 1-8.	4.1	29
53	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
54	Primordial gravitational wave signals in modified cosmologies. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 051-051.	5.4	28

#	ARTICLE	IF	CITATIONS
55	Maximal acceleration corrections to the Lamb shift of hydrogen, deuterium and He+. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 244, 349-354.	2.1	26
56	Regularizing property of the maximal acceleration principle in quantum field theory. Physical Review D, 1999, 60, .	4.7	26
57	Neutrino oscillations in Unruh radiation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135083.	4.1	26
58	Casimir effect in extended theories of gravity. Physical Review D, 2017, 95, .	4.7	25
59	Generalized ghost-free propagators in nonlocal field theories. Physical Review D, 2020, 101, .	4.7	25
60	On the $\beta$ -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
61	Maximal acceleration effects in Kerr space. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 283, 53-61.	2.1	24
62	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
63	Casimir energy of a semi-circular infinite cylinder. Journal of Mathematical Physics, 2001, 42, 1974.	1.1	23
64	Non-thermal Unruh radiation for flavour neutrinos. Journal of Physics: Conference Series, 2018, 956, 012021.	0.4	23
65	Baryon asymmetry from the generalized uncertainty principle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136841.	4.1	23
66	Decoherence limit of quantum systems obeying generalized uncertainty principle: New paradigm for Tsallis thermostatics. Physical Review D, 2022, 105, .	4.7	23
67	Time-energy uncertainty relation for neutrino oscillations in curved spacetime. Classical and Quantum Gravity, 2020, 37, 155004.	4.0	22
68	Higher order corrections in gravitational microlensing. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 254, 11-17.	2.1	21
69	Neutrino Mass Spectrum from Gravitational Waves Generated by Double Neutrino Spin-Flip in Supernovae. Astrophysical Journal, 2008, 689, 371-376.	4.5	21
70	Nonlocal generalization of Galilean theories and gravity. Physical Review D, 2019, 100, .	4.7	21
71	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
72	Neutrino oscillations in accelerated frames. Europhysics Letters, 2018, 124, 51001.	2.0	20

#	ARTICLE	IF	CITATIONS
73	Inertial effects on neutrino oscillations. <i>European Physical Journal C</i> , 2000, 12, 343-347.	3.9	19
74	Quantum violations of the equivalence principle in a modified Schwarzschild geometry. <i>Neutrino oscillations. Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 279, 163-168.	2.1	19
75	Leptogenesis from Spin-Gravity Coupling following Inflation. <i>Physical Review Letters</i> , 2006, 96, 071302.	7.8	19
76	Probing nonlinear electrodynamics in slowly rotating spacetimes through neutrino astrophysics. <i>Physical Review D</i> , 2017, 95, .	4.7	19
77	Gravitational leptogenesis. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 008-008.	5.4	18
78	Matter-antimatter asymmetry generated by loop quantum gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 565, 27-32.	4.1	17
79	A FLUID OF STRINGS AS A VIABLE CANDIDATE FOR THE DARK SIDE OF THE UNIVERSE. <i>International Journal of Modern Physics D</i> , 2006, 15, 69-94.	2.1	17
80	Thermal leptogenesis in $f(R)$ gravity. <i>Physical Review D</i> , 2017, 95, 043504.	4.7	17
81	PeV IceCube signals and Dark Matter relic abundance in modified cosmologies. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	17
82	Equivalence principle violation at finite temperature in scalar-tensor gravity. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	17
83	OPTICS OF SPIN-1 PARTICLES FROM GRAVITY-INDUCED PHASES. <i>International Journal of Modern Physics D</i> , 2009, 18, 485-499.	2.1	16
84	Constraints on massive gravity theory from big bang nucleosynthesis. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 028-028.	5.4	16
85	Constraints on Covariant Horava-Lifshitz Gravity from frame-dragging experiment. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 014-014.	5.4	16
86	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
87	Quantization of Scalar Fields in Curved Background and Quantum Algebras. <i>Annals of Physics</i> , 2001, 294, 234-250.	2.8	15
88	Radiation bursts from particles in the field of compact, impenetrable, astrophysical objects. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002, 300, 603-610.	2.1	14
89	Dark matter relic abundance and big bang nucleosynthesis in Horava-Lifshitz's gravity. <i>Physical Review D</i> , 2011, 83, .	4.7	14
90	Cosmological evolution of thermal relic particles in $f(R)$ gravity. <i>Physical Review D</i> , 2017, 95, 043504.	4.7	14

#	ARTICLE	IF	CITATIONS
91	Revealing neutrino nature and CPT violation with decoherence effects. European Physical Journal C, 2020, 80, 1.	3.9	14
92	Neutrino oscillations and Lorentz invariance breakdown. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 560, 1-6.	4.1	13
93	Discrete symmetries in the spin-rotation interaction. Physical Review D, 2004, 70, .	4.7	13
94	Leptogenesis by curvature coupling of heavy neutrinos. Physical Review D, 2011, 84, .	4.7	13
95	Effects of Modified Theories of Gravity on Neutrino Pair Annihilation Energy Deposition near Neutron Stars. Astrophysical Journal, 2020, 904, 19.	4.5	13
96	Casimir effect for a dilute dielectric ball at finite temperature. Physical Review D, 2001, 64, .	4.7	12
97	CERENKOV'S EFFECT AND NEUTRINO OSCILLATIONS IN LOOP QUANTUM GRAVITY. Modern Physics Letters A, 2003, 18, 23-30.	1.2	12
98	NEWTONIAN LIMIT OF STRING-DILATON GRAVITY. International Journal of Modern Physics D, 2003, 12, 843-852.	2.1	12
99	Effects of CPT and Lorentz invariance violation on pulsar kicks. Physical Review D, 2005, 71, .	4.7	12
100	LETTER: Neutrino Oscillations Induced by Gravitational Recoil Effects. General Relativity and Gravitation, 2001, 33, 2151-2156.	2.0	11
101	Nonlinear electrodynamics and CMB polarization. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 033-033.	5.4	11
102	GSI anomaly and spin-rotation coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 998-1001.	4.1	11
103	Discerning the Nature of Neutrinos: Decoherence and Geometric Phases. Universe, 2020, 6, 207.	2.5	11
104	Testing fundamental physics with photon frequency shift. European Physical Journal C, 2020, 80, 1.	3.9	11
105	Neutrino pair annihilation ( $u\bar{u} \rightarrow e^+e^-$ ) in the presence of quintessence surrounding a black hole. European Physical Journal C, 2021, 81, .	3.9	11
106	Inertial effects on Berry's phase of neutrino oscillations. European Physical Journal C, 2000, 16, 155-159.	3.9	10
107	Consequences of $f(R)$ theories of gravity on gravitational leptogenesis. General Relativity and Gravitation, 2013, 45, 1771-1785.	2.0	10
108	Boson field mixing in Rindler spacetime. Journal of Physics: Conference Series, 2015, 631, 012053.	0.4	10

#	ARTICLE	IF	CITATIONS
109	RADIATION FROM A UNIFORMLY ACCELERATED CHARGE IN THE OUTSKIRTS OF A WORMHOLE THROAT. Modern Physics Letters A, 2000, 15, 2219-2228.	1.2	9
110	Berry's phase of neutrino oscillations in the presence of torsion. Europhysics Letters, 2000, 52, 15-21.	2.0	9
111	Cerenkov radiation and scalar stars. Classical and Quantum Gravity, 2000, 17, 3171-3181.	4.0	9
112	Neutrino Oscillations in Caianiello's Quantum Geometry Model. International Journal of Theoretical Physics, 2001, 40, 849-859.	1.2	9
113	A framework for dynamical generation of flavor mixing. Journal of Physics: Conference Series, 2014, 538, 012003.	0.4	9
114	Dilaton assisted two-field inflation from no-scale supergravity. Physical Review D, 2016, 94, .	4.7	9
115	Quantum solitonic wave-packet of a meso-scopic system in singularity free gravity. Nuclear Physics B, 2018, 931, 250-261.	2.5	9
116	Heuristic derivation of the Casimir effect from Generalized Uncertainty Principle. Journal of Physics: Conference Series, 2019, 1275, 012024.	0.4	9
117	STRING DILATON FLUID COSMOLOGY. International Journal of Modern Physics D, 1999, 08, 213-227.	2.1	8
118	Probing the Brans-Dicke gravitational field by Cherenkov radiation. Europhysics Letters, 2001, 56, 778-783.	2.0	8
119	Spin-flavour conversion of neutrinos in loop quantum gravity. Classical and Quantum Gravity, 2003, 20, 4213-4220.	4.0	8
120	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
121	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
122	Non-relativistic neutrinos and the weak equivalence principle apparent violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135883.	4.1	8
123	Neutrino spin oscillations in conformally gravity coupling models and quintessence surrounding a black hole. Physical Review D, 2021, 104, .	4.7	8
124	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
125	Quantum nonlocality in extended theories of gravity. Physical Review D, 2021, 103, .	4.7	7
126	NEUTRINO CONDENSATES AT CENTER OF GALAXIES AS BACKGROUND FOR THE MSW MECHANISM. Modern Physics Letters A, 2003, 18, 905-911.	1.2	6



#	ARTICLE	IF	CITATIONS
127	NEUTRINO MASS SPECTRUM FROM NEUTRINO SPIN-FLIP-DRIVEN GRAVITATIONAL WAVES. International Journal of Modern Physics D, 2009, 18, 435-443.	2.1	6
128	Spin-rotation coupling in compound spin objects. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1021-1023.	2.1	6
129	Thermal relics in cosmology with bulk viscosity. European Physical Journal C, 2015, 75, 1.	3.9	6
130	Probing quantum field theory particle mixing and dark-matter-like effects with Rydberg atoms. European Physical Journal C, 2020, 80, 1.	3.9	6
131	Hydrogen spin oscillations in a background of axions and the 21-cm brightness temperature. Monthly Notices of the Royal Astronomical Society, 2020, , .	4.4	6
132	Cosmological curvature acceleration. European Physical Journal: Special Topics, 2021, 230, 2123-2138.	2.6	6
133	Quantum interference in external gravitational fields beyond General Relativity. European Physical Journal C, 2021, 81, 1.	3.9	6
134	Thin shell quantization in Weyl spacetime. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 273, 25-30.	2.1	5
135	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
136	Neutrino Oscillations in Exotic Geometries and the Equivalence Principle Violation. General Relativity and Gravitation, 2002, 34, 1097-1106.	2.0	5
137	Lower neutrino mass bound from SN1987A data and quantum geometry. Classical and Quantum Gravity, 2006, 23, 1347-1358.	4.0	5
138	Probing Mixing of Photons and Axion-Like Particles by Geometric Phase. Advances in High Energy Physics, 2015, 2015, 1-7.	1.1	5
139	Inverse $\hat{I}^2$ -decay: a twin-model with boson fields. Journal of Physics: Conference Series, 2019, 1226, 012027.	0.4	5
140	Constraints on electromagnetic form factors of sub-GeV dark matter from the cosmic microwave background anisotropy. Physical Review D, 2021, 104, .	4.7	5
141	Berry and geometrical phase induced by torsion field. Europhysics Letters, 1999, 48, 482-485.	2.0	4
142	Dark energy from neutrinos and standard model Higgs potential. Astroparticle Physics, 2012, 35, 629-633.	4.3	4
143	Propagation of quantum particles in Brans-Dicke spacetime: The case of gamma ray bursts. Modern Physics Letters A, 2015, 30, 1540032.	1.2	4
144	Remarks on the Unruh effect with mixed neutrinos. Journal of Physics: Conference Series, 2019, 1275, 012063.	0.4	4

#	ARTICLE	IF	CITATIONS
145	Unlocking neutrino mysteries via the inverse $\hat{\nu}^2$ -decay. Journal of Physics: Conference Series, 2020, 1548, 012038.	0.4	4
146	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
147	Spontaneous Lorentz Violation from Infrared Gravity. Symmetry, 2021, 13, 1854.	2.2	4
148	Space-Time Fluctuations Induced by D-Branes and Their Effects on Neutrino Oscillations. General Relativity and Gravitation, 2002, 34, 1437-1444.	2.0	2
149	Cosmology with bulk viscosity and the gravitino problem. European Physical Journal C, 2017, 77, 1.	3.9	2
150	Consequences of $f(R)$ Cosmology in Thermal Leptogenesis and Gravitino Late Abundance. Symmetry, 2020, 12, 300.	2.2	2
151	Virial theorem in scalar tensor fourth order gravity. European Physical Journal C, 2021, 81, 1.	3.9	2
152	Neutrino Dynamics in a Quantum-Corrected Schwarzschild Spacetime. Universe, 2022, 8, 202.	2.5	2
153	EMISSION OF CERENKOV RADIATION BY CHARGED PARTICLES IN STATIONARY GEOMETRIES. Modern Physics Letters A, 2002, 17, 1861-1869.	1.2	1
154	DIFFUSION OF SCALAR PARTICLES IN JANISâ€“NEWMANâ€“WINICOURâ€“WYMAN GRAVITATIONAL FIELD AND GRBs. Modern Physics Letters A, 2002, 17, 647-657.	1.2	1
155	Entropy of Black Holes: A Quantum Algebraic Approach. Entropy, 2002, 4, 168-182.	2.2	1
156	Letter: Cerenkov Radiation from a Charged Particle in a Weylâ€“Dirac Theory. General Relativity and Gravitation, 2002, 34, 2163-2170.	2.0	1
157	ELECTROMAGNETIC SHAPE RESONANCES OF A DIELECTRIC SPHERE AND RADIATION OF PORTABLE TELEPHONES. Modern Physics Letters B, 2008, 22, 735-742.	1.9	1
158	Spin-rotation coupling and Thomas precession of ions in a storage ring. Journal of Physics: Conference Series, 2013, 442, 012073.	0.4	1
159	Axion-photon mixing and geometric phase. Journal of Physics: Conference Series, 2015, 626, 012059.	0.4	1
160	Cosmological consequences of noncommutative gauge theories. Classical and Quantum Gravity, 2017, 34, 025004.	4.0	1
161	Scalarâ€“tensor theories of gravity with torsion and the propagation of photons. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850176.	2.0	1
162	Quantum Systems in Gravitational Fields. Berry Phases. Lecture Notes in Physics, 2021, , 1-28.	0.7	1

#	ARTICLE	IF	CITATIONS
163	Precession shift in curvature based extended theories of gravity and quintessence fields. European Physical Journal C, 2022, 82, 1.	3.9	1
164	Unruh Effect for Mixed Neutrinos and the KMS Condition. Universe, 2022, 8, 306.	2.5	1
165	Quantization of Boson Fields in Quantum Geometry. International Journal of Theoretical Physics, 2001, 40, 1267-1275.	1.2	0
166	Gamma-Ray Bursts in Brans-Dicke theory. Europhysics Letters, 2002, 59, 173-179.	2.0	0
167	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
168	Propagation of Neutrinos and Photons in Gravitational Fields. AIP Conference Proceedings, 2005, , .	0.4	0
169	Nonlinear Electrodynamics and CMB Polarization. , 2010, , .		0
170	Dark matter in modified cosmologies. Journal of Physics: Conference Series, 2019, 1275, 012059.	0.4	0
171	Neutrinos Physics: Further Topics. Lecture Notes in Physics, 2021, , 97-112.	0.7	0
172	Radiative Processes, Spin Currents, Vortices. Lecture Notes in Physics, 2021, , 113-135.	0.7	0
173	Photon frequency shift in curvature-based Extended Theories of Gravity. European Physical Journal Plus, 2021, 136, 1.	2.6	0
174	The Mashhoon Effect. Spin-Gravity Interactions. Lecture Notes in Physics, 2021, , 29-50.	0.7	0
175	The gravitino problem in extended gravity cosmologies. European Physical Journal Plus, 2021, 136, 1.	2.6	0
176	Neutrinos in Gravitational Fields. Lecture Notes in Physics, 2021, , 69-96.	0.7	0
177	Enlarging local symmetries: A nonlocal Galilean model. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2040009.	2.0	0