

Stefano Liberati

List of Publications by Year in descending order

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194
papers

9,489
citations

41344

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197
all docs

197
docs citations

197
times ranked

3978
citing authors

#	ARTICLE	IF	CITATIONS
1	Black Hole Surface Gravity in Doubly Special Relativity Geometries. Universe, 2022, 8, 136.	2.5	5
2	Geodesically complete black holes in Lorentz-violating gravity. Journal of High Energy Physics, 2022, 2022, 1.	4.7	12
3	Quantum gravity phenomenology at the dawn of the multi-messenger era—A review. Progress in Particle and Nuclear Physics, 2022, 125, 103948.	14.4	175
4	On the Inner Horizon Instability of Non-Singular Black Holes. Universe, 2022, 8, 204.	2.5	10
5	Empirical Evidence of Nonminimally Coupled Dark Matter in the Dynamics of Local Spiral Galaxies?. Astrophysical Journal, 2022, 929, 48.	4.5	5
6	Time orientability and particle production from universal horizons. Physical Review D, 2022, 105, .	4.7	5
7	Scalar perturbations around rotating regular black holes and wormholes: Quasinormal modes, ergoregion instability, and superradiance. Physical Review D, 2022, 105, .	4.7	27
8	On black hole temperature in Horndeski gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 136002.	4.1	21
9	Self-gravitating Equilibria of Non-minimally Coupled Dark Matter Halos. Astrophysical Journal, 2021, 910, 76.	4.5	6
10	Electromagnetic tests of horizonless rotating black hole mimickers. Physical Review D, 2021, 103, .	4.7	9
11	Degenerate Hořava gravity. Classical and Quantum Gravity, 2021, 38, 105007.	4.0	1
12	A novel family of rotating black hole mimickers. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 082.	5.4	79
13	Hawking radiation from universal horizons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
14	Inner horizon instability and the unstable cores of regular black holes. Journal of High Energy Physics, 2021, 2021, 1.	4.7	43
15	Superradiance in Kerr-like black holes. Physical Review D, 2021, 103, .	4.7	16
16	Towards a geometrical interpretation of rainbow geometries. Classical and Quantum Gravity, 2021, 38, 135028.	4.0	12
17	Charged black-bounce spacetimes. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 036.	5.4	63
18	Hearts of Darkness: The inside out probing of black holes. International Journal of Modern Physics D, 2021, 30, .	2.1	6

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19	Raychaudhuri equations and gravitational collapse in Einstein-Cartan theory. <i>Physical Review D</i> , 2021, 104, .	4.7	5
20	Prospects for fundamental physics with LISA. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	2.0	198
21	Back-Reaction in Canonical Analogue Black Holes. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8868.	2.5	8
22	Constraints on the deformation scale of a geometry in the cotangent bundle. <i>Physical Review D</i> , 2020, 102, .	4.7	13
23	Opening the Pandora's box at the core of black holes. <i>Classical and Quantum Gravity</i> , 2020, 37, 145005.	4.0	47
24	Phenomenological consequences of a geometry in the cotangent bundle. <i>Physical Review D</i> , 2020, 101, .	4.7	23
25	Geodesically complete black holes. <i>Physical Review D</i> , 2020, 101, .	4.7	73
26	Causal hierarchy in modified gravity. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	7
27	Testing non-minimally coupled BEC dark matter with gravitational waves. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 065-065.	5.4	7
28	Black hole quantum atmosphere for freely falling observers. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134828.	4.1	16
29	Gravitoelectromagnetism in metric $f(R)$ and Brans-Dicke theories with a potential. <i>General Relativity and Gravitation</i> , 2019, 51, 1.	2.0	8
30	Tests of quantum gravity-induced non-locality: Hamiltonian formulation of a non-local harmonic oscillator. <i>Classical and Quantum Gravity</i> , 2019, 36, 155006.	4.0	6
31	The Information Loss Problem: An Analogue Gravity Perspective. <i>Entropy</i> , 2019, 21, 940.	2.2	15
32	The gyroscopic frequency of metric $f(R)$ and generalised Brans-Dicke theories: constraints from Gravity Probe-B. <i>General Relativity and Gravitation</i> , 2019, 51, 1.	2.0	2
33	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	4.0	451
34	Generalized no-hair theorems without horizons. <i>Classical and Quantum Gravity</i> , 2019, 36, 13LT01.	4.0	8
35	Vorticity in analogue spacetimes. <i>Physical Review D</i> , 2019, 99, .	4.7	10
36	On the entanglement entropy of quantum fields in causal sets. <i>Classical and Quantum Gravity</i> , 2018, 35, 074002.	4.0	8

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37	Higher-order theories of gravity: diagnosis, extraction and reformulation via non-metric extra degrees of freedom—a review. Reports on Progress in Physics, 2018, 81, 036001.	20.1	19
38	Phenomenological aspects of black holes beyond general relativity. Physical Review D, 2018, 98, .	4.7	125
39	Non-perturbative results for the luminosity and area distances. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 040-040.	5.4	3
40	Perturbative treatment of the luminosity distance. Physical Review D, 2018, 98, .	4.7	1
41	Towards a Gordon form of the Kerr spacetime. Classical and Quantum Gravity, 2018, 35, 155004.	4.0	9
42	On the viability of regular black holes. Journal of High Energy Physics, 2018, 2018, 1.	4.7	104
43	Minimally modified theories of gravity: a playground for testing the uniqueness of general relativity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 026-026.	5.4	22
44	Probing Faster than Light Travel and Chronology Protection with Superluminal Warp Drives. Fundamental Theories of Physics, 2017, , 281-300.	0.3	0
45	Geometric Baryogenesis from Shift Symmetry. Physical Review Letters, 2017, 118, 131101.	7.8	13
46	The black hole quantum atmosphere. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 308-316.	4.1	30
47	Deformed relativity symmetries and the local structure of spacetime. Physical Review D, 2017, 95, .	4.7	25
48	Cosmological singularity resolution from quantum gravity: The emergent-bouncing universe. Physical Review D, 2017, 96, .	4.7	42
49	Rotating black hole solutions in relativistic analogue gravity. Physical Review D, 2017, 96, .	4.7	17
50	Improved derivation of the Smarr formula for Lorentz-breaking gravity. Physical Review D, 2017, 95, .	4.7	13
51	Transmission of information in nonlocal field theories. Physical Review D, 2017, 96, .	4.7	4
52	First law of black holes with a universal horizon. Physical Review D, 2017, 96, .	4.7	12
53	Tests of quantum-gravity-induced nonlocality via optomechanical experiments. Physical Review D, 2017, 95, .	4.7	11
54	Spacetime thermodynamics in the presence of torsion. Physical Review D, 2017, 96, .	4.7	25

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55	Analogue gravity models of emergent gravity: lessons and pitfalls. Journal of Physics: Conference Series, 2017, 880, 012009.	0.4	9
56	Lorentz violation naturalness revisited. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
57	Vorticity in analog gravity. Classical and Quantum Gravity, 2016, 33, 125009.	4.0	5
58	Higher derivative gravity: Field equation as the equation of state. Physical Review D, 2016, 94, .	4.7	10
59	AdS and dS black hole solutions in analogue gravity: The relativistic and nonrelativistic cases. Physical Review D, 2016, 94, .	4.7	13
60	Analogue black holes in relativistic BECs: Mimicking Killing and universal horizons. Physical Review D, 2016, 94, .	4.7	10
61	Smarr formula for Lovelock black holes: A Lagrangian approach. Physical Review D, 2016, 93, .	4.7	24
62	Testing Quantum Gravity Induced Nonlocality via Optomechanical Quantum Oscillators. Physical Review Letters, 2016, 116, 161303.	7.8	41
63	Lorentz Breaking Effective Field Theory Models for Matter and Gravity: Theory and Observational Constraints. , 2016, , 367-417.		1
64	Rotating black holes in a draining bathtub: Superradiant scattering of gravity waves. Physical Review D, 2015, 91, .	4.7	35
65	Phenomenology of effective geometries from quantum gravity. Physical Review D, 2015, 92, .	4.7	4
66	Lorentz symmetry breaking: phenomenology and constraints. Journal of Physics: Conference Series, 2015, 631, 012011.	0.4	9
67	APPARENT HORIZONS IN CLIFTON-MOTA-BARROW INHOMOGENEOUS UNIVERSE. , 2015, , .		0
68	Between Quantum and Classical Gravity: Is There a Mesoscopic Spacetime?. Foundations of Physics, 2015, 45, 171-176.	1.3	7
69	Searching for traces of Planck-scale physics with high energy neutrinos. Physical Review D, 2015, 91, .	4.7	61
70	Nonlocal scalar quantum field theory from causal sets. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
71	Dynamics of non-minimally coupled perfect fluids. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 023-023.	5.4	18
72	Nonequivalence of equivalence principles. American Journal of Physics, 2015, 83, 39-46.	0.7	80

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73	HIGH- Z COSMOGRAPHY AT A GLANCE. , 2015, , .		1
74	Realization of doubly special relativistic symmetries in Finsler geometries. Physical Review D, 2014, 90, .	4.7	53
75	Weak equivalence principle for self-gravitating bodies: A sieve for purely metric theories of gravity. Physical Review D, 2014, 89, .	4.7	9
76	Emergent gravitational dynamics in a relativistic Bose-Einstein condensate. Physical Review D, 2014, 90, .	4.7	14
77	Ray tracing Einstein-Äther black holes: Universal versus Killing horizons. Physical Review D, 2014, 89, .	4.7	52
78	Dark matter as a Bose-Einstein Condensate: the relativistic non-minimally coupled case. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 004-004.	5.4	43
79	Astrophysical Constraints on Planck Scale Dissipative Phenomena. Physical Review Letters, 2014, 112, 151301.	7.8	26
80	Quantum fields in curved spacetime, semiclassical gravity, quantum gravity phenomenology, and analogue models: parallel session D4. General Relativity and Gravitation, 2014, 46, 1.	2.0	0
81	Surface gravities for non-Killing horizons. Classical and Quantum Gravity, 2013, 30, 125001.	4.0	46
82	Tests of Lorentz invariance: a 2013 update. Classical and Quantum Gravity, 2013, 30, 133001.	4.0	314
83	Violations of Lorentz invariance in the neutrino sector: an improved analysis of anomalous threshold constraints. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 039-039.	5.4	17
84	Super-radiant scattering of dispersive fields. Classical and Quantum Gravity, 2013, 30, 085009.	4.0	21
85	Disformal invariance of second order scalar-tensor theories: Framing the Horndeski action. Physical Review D, 2013, 88, .	4.7	181
86	Lorentz Breaking Effective Field Theory and Observational Tests. Lecture Notes in Physics, 2013, , 297-342.	0.7	4
87	Non-minimally coupled dark matter: effective pressure and structure formation. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 027-027.	5.4	28
88	Hydrodynamics and viscosity in the Rindler spacetime. , 2012, , .		0
89	Impossibility of superluminal travel in Lorentz violating theories. Physical Review D, 2012, 85, .	4.7	10
90	Scale Hierarchy in Hořava-Lifshitz Gravity: Strong Constraint from Synchrotron Radiation in the Crab Nebula. Physical Review Letters, 2012, 109, 151602.	7.8	43

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91	Quantum vacuum radiation in optical glass. <i>Physical Review D</i> , 2012, 85, .	4.7	37
92	Dynamical apparent horizons in inhomogeneous Brans-Dicke universes. <i>Physical Review D</i> , 2012, 86, .	4.7	15
93	Cosmography beyond standard candles and rulers. <i>Physical Review D</i> , 2012, 85, .	4.7	50
94	Cosmological Constant: A Lesson from Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2012, 108, 071101.	7.8	33
95	SEMICLASSICAL WARP-DRIVE INSTABILITY. , 2012, , .		0
96	Reversible and irreversible spacetime thermodynamics for general Brans-Dicke theories. <i>Physical Review D</i> , 2011, 83, .	4.7	23
97	Minimal conditions for the existence of a Hawking-like flux. <i>Physical Review D</i> , 2011, 83, .	4.7	72
98	Quantum Gravity phenomenology: achievements and challenges. <i>Journal of Physics: Conference Series</i> , 2011, 314, 012007.	0.4	19
99	Non-equilibrium Spacetime Thermodynamics, Entanglement viscosity and KSS bound. <i>Journal of Physics: Conference Series</i> , 2011, 314, 012033.	0.4	0
100	Analogue Gravity. <i>Living Reviews in Relativity</i> , 2011, 14, 3.	26.7	435
101	Hawking-like radiation from evolving black holes and compact horizonless objects. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	63
102	Higher curvature gravity and the holographic fluid dual to flat spacetime. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	23
103	The dynamics of metric-affine gravity. <i>Annals of Physics</i> , 2011, 326, 1259-1273.	2.8	74
104	Extended $\hat{\Lambda}$ CDM: generalized non-minimal coupling for dark matter fluids. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 007-007.	5.4	37
105	Is the Notion of Time Really Fundamental?. <i>Symmetry</i> , 2011, 3, 389-401.	2.2	5
106	Semiclassical instability of warp drives. <i>Journal of Physics: Conference Series</i> , 2010, 229, 012018.	0.4	0
107	Possible cosmogenic neutrino constraints on Planck-scale Lorentz violation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 007-007.	5.4	35
108	Superluminal warp drives are semiclassically unstable. <i>Journal of Physics: Conference Series</i> , 2010, 222, 012046.	0.4	1

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109	Linking the trans-Planckian and information loss problems in black hole physics. <i>General Relativity and Gravitation</i> , 2010, 42, 1139-1152.	2.0	6
110	Ultrahigh-Energy Photons as Probes of Lorentz Symmetry Violations in Stringy Space-Time Foam Models. <i>Physical Review Letters</i> , 2010, 105, 021101.	7.8	26
111	High-redshift cosmography. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 005-005.	5.4	71
112	Routes towards emergent gravity. <i>Journal of Physics: Conference Series</i> , 2010, 222, 012050.	0.4	0
113	Relativistic Bose-Einstein condensates: a new system for analogue models of gravity. <i>New Journal of Physics</i> , 2010, 12, 095012.	2.9	77
114	Analogue cosmological particle creation: Quantum correlations in expanding Bose-Einstein condensates. <i>Physical Review D</i> , 2010, 82, .	4.7	35
115	Gedanken experiments on nearly extremal black holes and the third law. <i>Physical Review D</i> , 2010, 82, .	4.7	37
116	Universal viscosity to entropy density ratio from entanglement. <i>Physical Review D</i> , 2010, 82, .	4.7	8
117	Nonequilibrium thermodynamics of spacetime: The role of gravitational dissipation. <i>Physical Review D</i> , 2010, 81, .	4.7	93
118	Dissipation in non-equilibrium spacetime thermodynamics. <i>Journal of Physics: Conference Series</i> , 2010, 222, 012013.	0.4	0
119	Dynamics of generalized Palatini theories of gravity. <i>Physical Review D</i> , 2010, 82, .	4.7	39
120	Lorentz Violation: Motivation and New Constraints. <i>Annual Review of Nuclear and Particle Science</i> , 2009, 59, 245-267.	10.2	131
121	ULTRA-HIGH-ENERGY COSMIC RAYS AND PLANCK-SUPPRESSED LORENTZ INVARIANCE VIOLATION. <i>International Journal of Modern Physics D</i> , 2009, 18, 1621-1625.	2.1	0
122	Revisiting the semiclassical gravity scenario for gravitational collapse. , 2009, , .		8
123	Emergent Gravitational Dynamics in Bose-Einstein Condensates. , 2009, , .		11
124	Black Stars, Not Holes. <i>Scientific American</i> , 2009, 301, 38-45.	1.0	33
125	Semiclassical instability of dynamical warp drives. <i>Physical Review D</i> , 2009, 79, .	4.7	25
126	Theory of a quantum noncanonical field in curved spacetimes. <i>Physical Review D</i> , 2009, 80, .	4.7	1

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127	Emergence of Lorentzian signature and scalar gravity. <i>Physical Review D</i> , 2009, 79, .	4.7	25
128	Averaging inhomogeneities in scalar-tensor cosmology. <i>Classical and Quantum Gravity</i> , 2009, 26, 215005.	4.0	7
129	Reconciling MOND and dark matter?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 021-021.	5.4	38
130	Planck-scale Lorentz violation constrained by Ultra-High-Energy Cosmic Rays. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 022-022.	5.4	55
131	Small, dark, and heavy: But is it a black hole?. , 2009, , .		20
132	THEORY OF GRAVITATION THEORIES: A NO-PROGRESS REPORT. <i>International Journal of Modern Physics D</i> , 2008, 17, 399-423.	2.1	89
133	Gravitational dynamics in Bose-Einstein condensates. <i>Physical Review D</i> , 2008, 78, .	4.7	27
134	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -ray polarization constraints on Planck scale violations of special relativity. <i>Physical Review D</i> , 2008, 78, .	4.7	39
135	Fate of gravitational collapse in semiclassical gravity. <i>Physical Review D</i> , 2008, 77, .	4.7	148
136	GZK photon constraints on Planck-scale Lorentz violation in QED. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 027.	5.4	45
137	New constraints on Planck-scale Lorentz violation in QED from the Crab Nebula. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 013-013.	5.4	58
138	Modified dispersion relations from the renormalization group of gravity. <i>Classical and Quantum Gravity</i> , 2007, 24, 3995-4008.	4.0	25
139	The metric-affine formalism off(R) gravity. <i>Journal of Physics: Conference Series</i> , 2007, 68, 012022.	0.4	39
140	Analogue Space-time Based on 2-Component Bose-Einstein Condensates. , 2007, , 115-163.		17
141	Planck-scale modified dispersion relations and Finsler geometry. <i>Physical Review D</i> , 2007, 75, .	4.7	191
142	Reply to "Can gravitational dynamics be obtained by diffeomorphism invariance of action?". <i>Physical Review D</i> , 2007, 75, .	4.7	0
143	Metric-affine f(R) theories of gravity. <i>Annals of Physics</i> , 2007, 322, 935-966.	2.8	280
144	Quantum gravity phenomenology via Lorentz violations. , 2007, , .		0

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145	Modified special relativity on a fluctuating spacetime. <i>Physical Review D</i> , 2006, 74, .	4.7	15
146	Field equations from a surface term. <i>Physical Review D</i> , 2006, 74, .	4.7	7
147	Deformed special relativity as an effective theory of measurements on quantum gravitational backgrounds. <i>Physical Review D</i> , 2006, 73, .	4.7	35
148	Modelling Planck-scale Lorentz violation via analogue models. <i>Journal of Physics: Conference Series</i> , 2006, 33, 373-385.	0.4	12
149	Lorentz violation at high energy: Concepts, phenomena, and astrophysical constraints. <i>Annals of Physics</i> , 2006, 321, 150-196.	2.8	308
150	Analogue quantum gravity phenomenology from a two-component Bose-Einstein condensate. <i>Classical and Quantum Gravity</i> , 2006, 23, 3129-3154.	4.0	41
151	Analogue model for quantum gravity phenomenology. <i>Journal of Physics A</i> , 2006, 39, 6807-6813.	1.6	19
152	Quasi-particle creation by analogue black holes. <i>Classical and Quantum Gravity</i> , 2006, 23, 5341-5366.	4.0	39
153	Naturalness in an Emergent Analogue Spacetime. <i>Physical Review Letters</i> , 2006, 96, 151301.	7.8	59
154	Hawking-Like Radiation Does Not Require a Trapped Region. <i>Physical Review Letters</i> , 2006, 97, 171301.	7.8	61
155	Analogue Gravity. <i>Living Reviews in Relativity</i> , 2005, 8, 12.	26.7	753
156	Quantum Gravity Phenomenology and Lorentz Violation. , 2005, , 83-98.		17
157	Interpreting doubly special relativity as a modified theory of measurement. <i>Physical Review D</i> , 2005, 71, .	4.7	35
158	New Limits on Planck Scale Lorentz Violation in QED. <i>Physical Review Letters</i> , 2004, 93, 021101.	7.8	147
159	Causal structure of analogue spacetimes. <i>New Journal of Physics</i> , 2004, 6, 186-186.	2.9	60
160	A strong astrophysical constraint on the violation of special relativity by quantum gravity. <i>Nature</i> , 2003, 424, 1019-1021.	27.8	224
161	ANALOGUE MODELS FOR FRW COSMOLOGIES. <i>International Journal of Modern Physics D</i> , 2003, 12, 1641-1649.	2.1	54
162	Threshold effects and Planck scale Lorentz violation: Combined constraints from high energy astrophysics. <i>Physical Review D</i> , 2003, 67, .	4.7	181

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163	Threshold configurations in the presence of Lorentz violating dispersion relations. Physical Review D, 2003, 67, .	4.7	40
164	Probing semiclassical analog gravity in Bose-Einstein condensates with widely tunable interactions. Physical Review A, 2003, 68, .	2.5	130
165	Towards the Observation of Hawking Radiation in Bose-Einstein Condensates. International Journal of Modern Physics A, 2003, 18, 3735-3745.	1.5	78
166	TeV astrophysics constraints on Planck scale Lorentz violation. Physical Review D, 2002, 66, .	4.7	155
167	Refringence, field theory and normal modes. Classical and Quantum Gravity, 2002, 19, 2961-2982.	4.0	39
168	Faster-than-c Signals, Special Relativity, and Causality. Annals of Physics, 2002, 298, 167-185.	2.8	161
169	Analogue Models of and for Gravity. General Relativity and Gravitation, 2002, 34, 1719-1734.	2.0	91
170	HIGH ENERGY CONSTRAINTS ON LORENTZ SYMMETRY VIOLATIONS. , 2002, , .		8
171	ACOUSTICS IN BOSE-EINSTEIN CONDENSATES AS AN EXAMPLE OF BROKEN LORENTZ SYMMETRY. , 2002, , .		4
172	Scharnhorst effect at oblique incidence. Physical Review D, 2001, 63, .	4.7	20
173	Analogue gravity from Bose-Einstein condensates. Classical and Quantum Gravity, 2001, 18, 1137-1156.	4.0	190
174	EXTREMAL BLACK HOLES AND THE LIMITS OF THE THIRD LAW. International Journal of Modern Physics D, 2001, 10, 33-39.	2.1	12
175	EINSTEIN GRAVITY AS AN EMERGENT PHENOMENON?. International Journal of Modern Physics D, 2001, 10, 799-806.	2.1	71
176	Analogue gravity from field theory normal modes?. Classical and Quantum Gravity, 2001, 18, 3595-3610.	4.0	84
177	Sonoluminescence: two-photon correlations as a test of thermality. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 271, 308-313.	2.1	14
178	Variable-speed-of-light cosmologies. Nuclear Physics, Section B, Proceedings Supplements, 2000, 88, 259-262.	0.4	7
179	Superluminal censorship. Nuclear Physics, Section B, Proceedings Supplements, 2000, 88, 267-270.	0.4	64
180	Unexpectedly large surface gravities for acoustic horizons?. Classical and Quantum Gravity, 2000, 17, 2903-2923.	4.0	74

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181	Sonoluminescence as a QED vacuum effect: probing Schwinger's proposal. Journal of Physics A, 2000, 33, 2251-2272.	1.6	17
182	Sonoluminescence as a QED vacuum effect. II. Finite volume effects. Physical Review D, 2000, 61, .	4.7	16
183	Nonthermal nature of incipient extremal black holes. Physical Review D, 2000, 62, .	4.7	42
184	Geometrodynamics of variable-speed-of-light cosmologies. Physical Review D, 2000, 62, .	4.7	66
185	Sonoluminescence as a QED vacuum effect. I. The physical scenario. Physical Review D, 2000, 61, .	4.7	27
186	Sonoluminescence: Bogolubov Coefficients for the QED Vacuum of a Time-Dependent Dielectric Bubble. Physical Review Letters, 1999, 83, 678-681.	7.8	20
187	Perturbative superluminal censorship and the null energy condition. , 1999, , .		11
188	Geometric reheating after inflation. Physical Review D, 1998, 58, .	4.7	65
189	Entropy and topology for gravitational instantons. Physical Review D, 1997, 56, 6458-6466.	4.7	38
190	Black Hole Thermodynamics, Casimir Effect and Induced Gravity. General Relativity and Gravitation, 1997, 29, 1181-1194.	2.0	8
191	Divergence problem in the black hole brick-wall model. Physical Review D, 1996, 53, 3172-3177.	4.7	34
192	Real decoupling ghost quantization of the CGHS model for two-dimensional black holes. Physical Review D, 1995, 51, 1710-1715.	4.7	5
193	Astrophysical Bounds on Planck Suppressed Lorentz Violation. , 0, , 101-130.		23
194	Exploring black hole mechanics in cotangent bundle geometries. International Journal of Geometric Methods in Modern Physics, 0, , .	2.0	1