Piero Nicolini

List of Publications by Year
in descending order

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62 papers	3,495 citations	186265 28 h-index	138484 58 g-index
62 all docs	62 docs citations	62 times ranked	1065 citing authors

#	Article	IF	Citations
1	Finite electrodynamics from T-duality. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137100.	4.1	11
2	Regularization ambiguity and van der Waals black hole in 2 + 1 dimensions. European Physical Journal C, 2021, 81, 1.	3.9	0
3	On the Lichnerowicz operator in traversable wormhole spacetimes. IOP SciNotes, 2021, 2, 035204.	0.8	0
4	Self-complete and GUP-modified charged and spinning black holes. European Physical Journal C, 2020, 80, 1.	3.9	20
5	Primordial black holes in a dimensionally oxidizing Universe. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 008-008.	5.4	0
6	Generalized uncertainty principle and black holes in higher dimensional self-complete gravity. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 008-008.	5.4	9
7	Quantum corrected black holes from string T-duality. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134888.	4.1	47
8	Planckian charged black holes in ultraviolet self-complete quantum gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 88-93.	4.1	14
9	Primordial black holes in a dimensionally reduced universe. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 033-033.	5.4	4
10	Superradiance in modified gravity (MOG). Journal of Cosmology and Astroparticle Physics, 2018, 2018, 021-021.	5.4	25
11	Generalised uncertainty principle Hawking fermions from minimally geometric deformed black holes. Classical and Quantum Gravity, 2018, 35, 185001.	4.0	51
12	Theories with maximal acceleration. International Journal of Modern Physics A, 2018, 33, 1830019.	1.5	8
13	Black Holes and High Energy Physics: From Astrophysics to Large Extra Dimensions. , 2018, , 359-373.		1
14	Remarks on regular black holes. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850018.	2.0	4
15	Unparticle Casimir effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 675-680.	4.1	12
16	AdS/CFT far from equilibrium in a Vaidya setup. Journal of Physics: Conference Series, 2017, 942, 012020.	0.4	6
17	Geometric Model of Black Hole Quantum N-portrait, Extradimensions and Thermodynamics. Entropy, 2016, 18, 181.	2.2	23
18	Unparticle contribution to the hydrogen atom ground state energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 589-592.	4.1	7

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19	Sub-Planckian black holes and the Generalized Uncertainty Principle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	90
20	Minimum Length Effects in Black Hole Physics. Fundamental Theories of Physics, 2015, , 293-322.	0.3	18
21	Connecting horizon pixels and interior voxels of a black hole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 213-217.	4.1	4
22	Holographic Screens in Ultraviolet Self-Complete Quantum Gravity. Advances in High Energy Physics, 2014, 2014, 1-9.	1.1	31
23	Miniâ€review on miniâ€black holes from the miniâ€Big Bang. Astronomische Nachrichten, 2014, 335, 605-611.	1.2	6
24	Experimental Tests of Quantum Gravity and Exotic Quantum Field Theory Effects. Advances in High Energy Physics, 2014, 2014, 1-2.	1.1	3
25	Super-accelerating bouncing cosmology in asymptotically free non-local gravity. European Physical Journal C, 2014, 74, 1.	3.9	52
26	Self-completeness and spontaneous dimensional reduction. European Physical Journal Plus, 2013, 128, 1.	2.6	25
27	Self-completeness and the generalized uncertainty principle. Journal of High Energy Physics, 2013, 2013, 1.	4.7	52
28	The Final Stage of Gravitationally Collapsed Thick Matter Layers. Advances in High Energy Physics, 2013, 2013, 1-8.	1.1	17
29	Could any black holes be produced at the LHC?. Physical Review D, 2012, 85, .	4.7	38
30	Physics on the smallest scales: an introduction to minimal length phenomenology. European Journal of Physics, 2012, 33, 853-862.	0.6	96
31	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 897.	0.1	7
32	Neutrino oscillations as a novel probe for a minimal length. Classical and Quantum Gravity, 2011, 28, 235019.	4.0	46
33	Cosmological production of noncommutative black holes. Physical Review D, 2011, 84, .	4.7	42
34	Aspects of noncommutative (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 black holes. Physical Review D, 2011, 84, .	4.7	33
35	Hausdorff dimension of a particle path in a quantum manifold. Physical Review D, 2011, 83, .	4.7	15
36	The Hawking-Page crossover in noncommutative anti-deSitter space. Journal of High Energy Physics, 2011, 2011, 1.	4.7	43

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37	Hawking emission from quantum gravity black holes. Journal of High Energy Physics, 2011, 2011, 1.	4.7	43
38	Un-spectral dimension and quantum spacetime phases. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 290-293.	4.1	24
39	A minimal length versus the Unruh effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 303-306.	4.1	39
40	Black holes in an ultraviolet complete quantum gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 397-400.	4.1	133
41	Noncommutative approach to the cosmological constant problem. Physical Review D, 2011, 83, .	4.7	36
42	Enhancement of Compton scattering by an effective coupling constant. Physical Review A, 2011, 84, .	2.5	9
43	MICRO BLACK HOLES IN THE LABORATORY. International Journal of Modern Physics E, 2011, 20, 7-14.	1.0	3
44	QUANTUM GRAVITY SIGNALS IN NEUTRINO OSCILLATIONS. International Journal of Modern Physics E, 2011, 20, 1-6.	1.0	6
45	Large extra dimensions and small black holes at the LHC. Journal of Physics: Conference Series, 2010, 237, 012008.	0.4	26
46	Fuzziness at the horizon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 32-35.	4.1	25
47	Minimal scales from an extended Hilbert space. Classical and Quantum Gravity, 2010, 27, 245024.	4.0	23
48	Charged rotating noncommutative black holes. Physical Review D, 2010, 82, .	4.7	148
49	Spectral dimension of a quantum universe. Physical Review D, 2010, 81, .	4.7	93
50	Entropic force, noncommutative gravity, and ungravity. Physical Review D, 2010, 82, .	4.7	88
51	Noncommutative geometry-inspired dirty black holes. Classical and Quantum Gravity, 2010, 27, 015010.	4.0	130
52	NONCOMMUTATIVE BLACK HOLES, THE FINAL APPEAL TO QUANTUM GRAVITY: A REVIEW. International Journal of Modern Physics A, 2009, 24, 1229-1308.	1.5	433
53	Non-commutative geometry inspired higher-dimensional charged black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 670, 449-454.	4.1	182
54	The decay-time of non-commutative micro-black holes. Journal of High Energy Physics, 2008, 2008, 072-072.	4.7	64

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55	Inverse kinetic theory for quantum hydrodynamic equations. Physical Review A, 2007, 75, .	2.5	14
56	Non-commutative geometry inspired charged black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 261-266.	4.1	243
57	Trace anomaly on a quantum spacetime manifold. Physical Review D, 2006, 73, .	4.7	86
58	Noncommutative geometry inspired Schwarzschild black hole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 547-551.	4.1	609
59	H-theorem for a relativistic plasma around black holes. Physics of Plasmas, 2006, 13, 052901.	1.9	8
60	A model of radiating black hole in noncommutative geometry. Journal of Physics A, 2005, 38, L631-L638.	1.6	120
61	Vacuum polarization in two-dimensional static spacetimes and dimensional reduction. Physical Review D, 2002, 66, .	4.7	14
62	Vacuum polarization in the Schwarzschild spacetime and dimensional reduction. Physical Review D, 2001, 63, .	4.7	36