Giacomo Rosati

List of Publications by Year
in descending order

33 papers	582 citations	759233 12 h-index	610901 24 g-index
33 all docs	33 docs citations	33 times ranked	208 citing authors

#	Article	IF	Citations
1	Covariant four dimensional differential calculus in κ-Minkowski. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 828, 137016.	4.1	1
2	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>κ</mml:mi></mml:math> -deformed complex fields and discrete symmetries. Physical Review D, 2021, 103, .	4.7	13
3	Phenomenology of curvature-induced quantum-gravity effects. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136595.	4.1	9
4	Physical velocity of particles in relativistic curved momentum space. Modern Physics Letters A, 2020, 35, 2050180.	1.2	4
5	Planck-scale-deformed relativistic symmetries and diffeomorphisms in momentum space. Physical Review D, 2020, 101, .	4.7	10
6	Path integral quantization of a spinning particle. Physical Review D, 2020, 101, .	4.7	1
7	The Duflo non-commutative Fourier transform for the Lorentz group. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2040011.	2.0	0
8	Noncommutative Fourier transform for the Lorentz group via the Duflo map. Physical Review D, 2019, 99, .	4.7	10
9	Relative-locality phenomenology on Snyder spacetime. Classical and Quantum Gravity, 2018, 35, 145006.	4.0	10
10	Quantum-gravity-induced dual lensing and IceCube neutrinos. International Journal of Modern Physics D, 2017, 26, 1750076.	2.1	11
11	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>κ</mml:mi></mml:math> –de Sitter and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>κ</mml:mi></mml:math> -Poincaré symmetries emerging from Chern-Simons <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo		

#	Article	IF	Citations
19	DEFORMED LORENTZ SYMMETRY IN EXPANDING SPACETIMES AND THE FERMI TELESCOPE. , 2015, , .		0
20	Generally covariant formulation of relative locality in curved spacetime. Physical Review D, 2014, 89, .	4.7	18
21	Predictive description of Planck-scale-induced spacetime fuzziness. Physical Review D, 2013, 87, .	4.7	7
22	RELATIVE LOCALITY IN CURVED SPACETIME. Modern Physics Letters A, 2013, 28, 1350101.	1.2	4
23	Relative locality in a quantum spacetime and the pregeometry of κ-Minkowski. European Physical Journal C, 2013, 73, 1.	3.9	21
24	Relative locality and gravity's weight on worldline fuzziness. Journal of Physics: Conference Series, 2013, 410, 012143.	0.4	0
25	Relative-locality distant observers and the phenomenology of momentum-space geometry. Classical and Quantum Gravity, 2012, 29, 075007.	4.0	61
26	Deformed Lorentz symmetry and relative locality in a curved/expanding spacetime. Physical Review D, 2012, 86, .	4.7	27
27	GRAVITY'S WEIGHT ON WORLDLINE FUZZINESS. International Journal of Modern Physics D, 2012, 21, 1242012.	2.1	1
28	κ-Poincaré phase space: speed of massless particles and relativity of spacetime locality. Journal of Physics: Conference Series, 2012, 343, 012105.	0.4	2
29	Longitudinal and transverse relativity of spacetime locality in Planck-scale-deformed phase spaces. Journal of Physics: Conference Series, 2012, 360, 012060.	0.4	3
30	Weakness of accelerator bounds on departures from Lorentz symmetry for the electron. Europhysics Letters, 2012, 99, 21001.	2.0	5
31	Taming Nonlocality in Theories with Planck-Scale Deformed Lorentz Symmetry. Physical Review Letters, 2011, 106, 071301.	7.8	71
32	Speed of particles and a relativity of locality in κ-Minkowski quantum spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 150-156.	4.1	53
33	OPERA-REASSESSING DATA ON THE ENERGY DEPENDENCE OF THE SPEED OF NEUTRINOS. International Journal of Modern Physics D, 2011, 20, 2623-2640.	2.1	33