

# Abel Camacho

## List of Publications by Year in descending order

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28  
papers

215  
citations

1040056

9  
h-index

1058476

14  
g-index

28  
all docs

28  
docs citations

28  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	White dwarfs as test objects of Lorentz violations. <i>Classical and Quantum Gravity</i> , 2006, 23, 7355-7368.	4.0	29
2	Kerr-Schild metric in topological massive (2+1) gravity. <i>General Relativity and Gravitation</i> , 2005, 37, 759-768.	2.0	28
3	On the incompatibility between quantum theory and general relativity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 663, 99-102.	4.1	21
4	Thermodynamics of a photon gas and deformed dispersion relations. <i>General Relativity and Gravitation</i> , 2007, 39, 1175-1183.	2.0	18
5	STABILITY OF BOSE-EINSTEIN CONDENSATES IN A LORENTZ VIOLATING SCENARIO. <i>Modern Physics Letters A</i> , 2010, 25, 459-469.	1.2	15
6	Decoherence and Bare Mass Induced by Nonconformal Metric Fluctuations. <i>General Relativity and Gravitation</i> , 2003, 35, 319-325.	2.0	12
7	SOME CONSEQUENCES OF A GENERALIZATION TO HEISENBERG ALGEBRA IN QUANTUM ELECTRODYNAMICS. <i>International Journal of Modern Physics D</i> , 2003, 12, 1687-1692.	2.1	11
8	Critical points in a relativistic bosonic gas induced by the quantum structure of spacetime. <i>General Relativity and Gravitation</i> , 2009, 41, 2677-2685.	2.0	11
9	Spacetime fluctuations and the spreading of wavepackets. <i>Classical and Quantum Gravity</i> , 2009, 26, 225010.	4.0	9
10	Test of some fundamental principles in physics via quantum interference with neutrons and photons. <i>Reports on Progress in Physics</i> , 2007, 70, 1937-1993.	20.1	8
11	Midisuperspace supersymmetric quantum cosmology. <i>Physical Review D</i> , 2008, 77, .	4.7	8
12	Quantum spacetime fluctuations: Lamb shift and hyperfine structure of the hydrogen atom. <i>Physical Review D</i> , 2011, 84, .	4.7	8
13	Letter: Sagnac Interferometry and Non-Newtonian Gravity. <i>General Relativity and Gravitation</i> , 2004, 36, 1207-1211.	2.0	6
14	Bogoliubov space of a Bose-Einstein condensate and quantum spacetime fluctuations. <i>Classical and Quantum Gravity</i> , 2012, 29, 165005.	4.0	6
15	THE ROLE OF THE QUANTUM PROPERTIES OF GRAVITATIONAL RADIATION IN THE DETECTION OF GRAVITATIONAL WAVES. <i>International Journal of Modern Physics A</i> , 1999, 14, 1997-2012.	1.5	5
16	Deformed dispersion relations and the Hanbury-Brown-Twiss Effect. <i>General Relativity and Gravitation</i> , 2005, 37, 1405-1410.	2.0	4
17	Continuous distribution of frequencies and deformed dispersion relations. <i>Classical and Quantum Gravity</i> , 2005, 22, 2101-2106.	4.0	4
18	New experimental proposals for testing Dirac equation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 582, 229-236.	4.1	3

#	ARTICLE	IF	CITATIONS
19	Deformed dispersion relations and the degree of the coherence function. <i>General Relativity and Gravitation</i> , 2006, 38, 547-551.	2.0	3
20	Space-time torsion contribution to quantum interference phases. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 617, 118-123.	4.1	2
21	Speed of Sound of a Bose-Einstein Condensate with Dipole-Dipole Interactions. <i>Journal of Low Temperature Physics</i> , 2013, 173, 343-353.	1.4	2
22	Positronium lifetime in polymers. <i>Journal of Chemical Physics</i> , 2004, 121, 5451-5454.	3.0	1
23	Dark matter as a condensate: deduction of microscopic properties. <i>Astrophysics and Space Science</i> , 2017, 362, 1.	1.4	1
24	Quantum measurements and the $\hat{P}$ -Poincaré group. <i>General Relativity and Gravitation</i> , 2005, 37, 651-657.	2.0	0
25	SPACETIME FLUCTUATIONS AND INERTIA. , 2008, , .		0
26	Alternative method for the measurement of the temperature of a Bose-Einstein condensate. <i>Open Physics</i> , 2010, 8, 717-725.	1.7	0
27	Is the non-physical states conjecture valid?. <i>General Relativity and Gravitation</i> , 2010, 42, 489-508.	2.0	0
28	SPACE-TIME TORSION CONTRIBUTION TO QUANTUM INTERFERENCE PHASES. , 2006, , .		0