

Angel Paredes

List of Publications by Year in descending order

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66
papers

1,853
citations

257450

24
h-index

254184

43
g-index

66
all docs

66
docs citations

66
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	On vortex and dark solitons in the cubic-quintic nonlinear Schrödinger equation. Physica D: Nonlinear Phenomena, 2022, 437, 133340.	2.8	7
2	Dark holograms and gravitational waves. Journal of High Energy Physics, 2021, 2021, 1.	4.7	33
3	A Simple and Ready to Use Code to Simulate Paraxial Beam Propagation. , 2021, , .		1
4	Analysis of key variables for energy efficiency in warships. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2020, 234, 26-36.	0.5	1
5	From optics to dark matter: A review on nonlinear Schrödinger-Poisson systems. Physica D: Nonlinear Phenomena, 2020, 403, 132301.	2.8	25
6	A Fractional Derivative Modeling of Heating and Cooling of LED Luminaires. Mathematics, 2020, 8, 362.	2.2	3
7	QMwebJS: An Open Source Software Tool to Visualize and Share Time-Evolving Three-Dimensional Wavefunctions. Mathematics, 2020, 8, 430.	2.2	4
8	Fate of false vacua in holographic first-order phase transitions. Journal of High Energy Physics, 2020, 2020, 1.	4.7	27
9	QMBlender: Particle-based visualization of 3D quantum wave function dynamics. Journal of Computational Science, 2019, 35, 44-56.	2.9	11
10	Comment on "the ultimate limits of the relativistic rocket equation. The Planck photon rocket". Acta Astronautica, 2019, 161, 373-374.	3.2	1
11	Vortex revivals and Fermi-Pasta-Ulam-Tsingou recurrence. Physical Review E, 2019, 99, 062211.	2.1	5
12	Aprendizaje de la Teoría de la Relatividad Restringida de Einstein. Estado de la Cuestión. Revista Eureka Sobre Enseñanza Y Divulgación De Las Ciencias, 2019, 17, 1-16.	0.4	0
13	Archimedes meets Einstein: a millennial geometric bridge. European Journal of Physics, 2018, 39, 045802.	0.6	3
14	On Nonlinear Schrödinger Equation as a Model for Dark Matter. Understanding Complex Systems, 2018, , 145-174.	0.6	0
15	An open source virtual laboratory for the Schrödinger equation. European Journal of Physics, 2018, 39, 055802.	0.6	14
16	USE OF STATISTICAL CORRELATION FOR ENERGY MANAGEMENT IN OFFICE PREMISES ADOPTING TECHNIQUES OF THE INDUSTRY 4.0. Dyna (Spain), 2018, 93, 602-607.	0.2	3
17	Spatial solitons in thermo-optical media from the nonlinear Schrödinger-Poisson equation and dark-matter analogs. Physical Review A, 2017, 95, .	2.5	26
18	Dynamics of vortex-antivortex pairs and rarefaction pulses in liquid light. Physical Review E, 2017, 95, 032208.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Delayed collapses of Bose-Einstein condensates in relation to anti-de Sitter gravity. <i>Physical Review E</i> , 2017, 95, 032216.	2.1	23
20	Photonic Nambu-Goldstone bosons. <i>Physical Review A</i> , 2017, 96, .	2.5	2
21	A simple model for automatic analysis and diagnosis of environmental thermal comfort in energy efficient buildings. <i>Applied Energy</i> , 2016, 177, 60-70.	10.1	13
22	Interference of dark matter solitons and galactic offsets. <i>Physics of the Dark Universe</i> , 2016, 12, 50-55.	4.9	45
23	Dark Matter Optics. , 2016, , .		0
24	Assessment of the quality of a Master on Photonics in Galicia, Spain. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
25	Analysis of a passive heat sink for temperature stabilization of high-power LED bulbs. <i>Journal of Physics: Conference Series</i> , 2015, 605, 012005.	0.4	7
26	Master on Photonics and Laser Technologies: on-line teaching experience. , 2014, , .		0
27	Drag force in bimodal cubic-quintic nonlinear Schrödinger equation. <i>Physical Review E</i> , 2014, 90, 033204.	2.1	4
28	Optimized photonic gauge of extreme high vacuum with Petawatt lasers. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 065601.	1.5	2
29	Self-induced mode mixing of ultraintense lasers in vacuum. <i>Physical Review A</i> , 2014, 90, .	2.5	18
30	Coherent Cavitation in the Liquid of Light. <i>Physical Review Letters</i> , 2014, 112, 173901.	7.8	29
31	Outcoupling vector solitons from a Bose-Einstein condensate with time-dependent interatomic forces. <i>Physical Review A</i> , 2013, 87, .	2.5	13
32	Coherent emission of atomic soliton pairs by Feshbach-resonance tuning. <i>Physical Review A</i> , 2012, 86, .	2.5	11
33	Measuring Extreme Vacuum Pressure with Ultraintense Lasers. <i>Physical Review Letters</i> , 2012, 109, 253903.	7.8	4
34	Accelerated detectors and worldsheet horizons in AdS/CFT. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	16
35	Towards holographic walking from $\mathcal{N} = 4$ super Yang-Mills. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	17
36	An AdS/QCD model from tachyon condensation: II. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	67

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37	Unquenched Flavor in the Gauge/Gravity Correspondence. <i>Advances in High Energy Physics</i> , 2010, 2010, 1-93.	1.1	111
38	AdS/QCD model from an effective action for open string tachyons. <i>Physical Review D</i> , 2010, 81, .	4.7	33
39	Screening effects on meson masses from holography. <i>Journal of High Energy Physics</i> , 2009, 2009, 034-034.	4.7	22
40	The Klebanov-Strassler model with massive dynamical flavors. <i>Journal of High Energy Physics</i> , 2009, 2009, 153-153.	4.7	38
41	D3-D7 quark-gluon plasmas. <i>Journal of High Energy Physics</i> , 2009, 2009, 117-117.	4.7	84
42	Temperature versus acceleration: the Unruh effect for holographic models. <i>Journal of High Energy Physics</i> , 2009, 2009, 015-015.	4.7	20
43	Non chiral dynamical flavors and screening on the conifold. <i>Fortschritte Der Physik</i> , 2009, 57, 514-520.	4.4	19
44	Phase transitions in large heavy quark potentials. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 192-193, 134-135.	0.4	4
45	Elaborations on the string dual to $N=1$ SQCD. <i>Physical Review D</i> , 2008, 77, .	4.7	39
46	Heavy-quark potential with dynamical flavors: A first-order transition. <i>Physical Review D</i> , 2008, 78, .	4.7	25
47	Mesons versus quasi-normal modes: undercooling and overheating. <i>Journal of High Energy Physics</i> , 2008, 2008, 027-027.	4.7	18
48	Klebanov-Witten theory with massive dynamical flavors. <i>Journal of High Energy Physics</i> , 2008, 2008, 048-048.	4.7	55
49	Chiral symmetry breaking as open string tachyon condensation. <i>Nuclear Physics B</i> , 2007, 787, 98-134.	2.5	173
50	A note on the string dual of $N=1$ SQCD-like theories. <i>Fortschritte Der Physik</i> , 2007, 55, 678-685.	4.4	13
51	Non-critical string duals of four-dimensional CFTs with fundamental matter. <i>Fortschritte Der Physik</i> , 2006, 54, 300-308.	4.4	4
52	On unquenched Script $N = 2$ holographic flavor. <i>Journal of High Energy Physics</i> , 2006, 2006, 032-032.	4.7	37
53	Fundamental matter, meson spectroscopy and non-critical string/gauge duality. <i>Journal of High Energy Physics</i> , 2006, 2006, 127-127.	4.7	57
54	Towards the string dual of $N=1$ supersymmetric QCD-like theories. <i>Physical Review D</i> , 2006, 73, .	4.7	118

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55	Supersymmetric defects in the Maldacena-NÃ±ez background. Journal of High Energy Physics, 2005, 032-032.	4.7	5
56	Adding flavor to the gravity dual of non-commutative gauge theories. Journal of High Energy Physics, 2005, 2005, 017-017.	4.7	32
57	Non-critical holography and four-dimensional CFT's with fundamentals. Journal of High Energy Physics, 2005, 2005, 012-012.	4.7	149
58	Multiflavour excited mesons from the fifth dimension. Nuclear Physics B, 2005, 713, 438-464.	2.5	41
59	Interlinguistic similarity and language death dynamics. Europhysics Letters, 2005, 69, 1031-1034.	2.0	105
60	Singularity resolution in gauged supergravity and conifold unification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 554, 197-206.	4.1	9
61	Flavoring the gravity dual of Script N = 1 Yang-Mills with probes. Journal of High Energy Physics, 2003, 2003, 024-024.	4.7	95
62	Let's Twist Again: General Metrics of G(2) Holonomy from Gauged Supergravity. Journal of High Energy Physics, 2003, 2003, 011-011.	4.7	19
63	NONCOMMUTATIVE FIELD THEORY AND THE DYNAMICS OF QUANTUM HALL FLUIDS. International Journal of Modern Physics A, 2002, 17, 3589-3606.	1.5	17
64	Wrapped branes with fluxes in 8d gauged supergravity. Journal of High Energy Physics, 2002, 2002, 075-075.	4.7	9
65	Stable wrapped branes. Journal of High Energy Physics, 2001, 2001, 011-011.	4.7	61
66	Relativistic velocity addition from the geometry of momentum space. European Journal of Physics, 0, , .	0.6	2