

Luca C Perotti

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

63
citations

1937685

4
h-index

1720034

7
g-index

16
all docs

16
docs citations

16
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Universal analytic properties of noise: introducing the j -matrix formalism. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009, 42, 365202.	2.1	17
2	Ionization of Rydberg alkali-metal atoms in quasistatic electric fields: A classical view of the ~ 5 scaling of the threshold field. <i>Physical Review A</i> , 2006, 73, .	2.5	8
3	Enhanced Frequency Resolution in Data Analysis. <i>American Journal of Computational Mathematics</i> , 2013, 03, 242-251.	0.5	7
4	Embedding physics into technology: infrared thermography and building inspection as a teaching tool – a new participated strategy approach to the physics of heat transfer and energy saving for professional schools. <i>Canadian Journal of Physics</i> , 2019, 97, 1019-1026.	1.1	5
5	Transport of a single ion in an optical lattice: spatial diffusion and energy. <i>Optics Communications</i> , 2000, 183, 73-94.	2.1	4
6	Small phase-space structures and their relevance to pulsed quantum evolution: Stepwise ionization of the excited hydrogen atom in a microwave pulse. <i>Physical Review A</i> , 2010, 81, .	2.5	4
7	Truncations of a class of pseudo-Hermitian tridiagonal matrices. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 438, 738-758.	1.0	4
8	Proposed interpretation of microwave ionization of Rydberg alkali-metal atoms. <i>Physical Review A</i> , 2005, 71, .	2.5	3
9	Computing high precision Matrix Padé approximants. <i>Numerical Algorithms</i> , 2012, 61, 189-208.	1.9	3
10	Realistic semiconductor heterostructures design using inverse scattering. <i>Microelectronics Journal</i> , 2003, 34, 1037-1041.	2.0	2
11	Quantum double pendulum: Study of an autonomous classically chaotic quantum system. <i>Physical Review E</i> , 2004, 70, 066218.	2.1	2
12	Noise in the complex plane: open problems. <i>Numerical Algorithms</i> , 2013, 62, 559-569.	1.9	2
13	Motion of a superconducting loop in an inhomogeneous magnetic field: a didactic experiment. <i>European Journal of Physics</i> , 2018, 39, 055503.	0.6	2
14	Low frequency quantum stabilization of the hydrogen atom in a microwave field: scarred states and classical stability island overlap. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 245002.	1.5	0
15	Cross section for (nearly) everyone. <i>Canadian Journal of Physics</i> , 2015, 93, 1555-1560.	1.1	0
16	Recovery of the Starting Times of Delayed Signals. <i>IEEE Signal Processing Letters</i> , 2018, 25, 1455-1459.	3.6	0