

# Luca C Perotti

## List of Publications by Year in descending order

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16  
papers

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citations

1937685

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times ranked

49  
citing authors

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