

Marcela Grether

List of Publications by Year in descending order

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19
papers

173
citations

1162889

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h-index

1125617

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19
all docs

19
docs citations

19
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Chaos in Time Series of Single Photons as a Superposition of Wave and Particle States. Photonics, 2021, 8, 326.	0.9	1
2	Role of superconducting energy gap in extended BCS-Bose crossover theory. International Journal of Modern Physics B, 2017, 31, 1745004.	1.0	3
3	BCS-Bose crossover theory extended with hole Cooper pairs. International Journal of Modern Physics B, 2017, 31, 1745013.	1.0	3
4	Fabrication of large all-PDMS micropatterned waveguides for lab on chip integration using a rapid prototyping technique. Optical Materials Express, 2017, 7, 1343.	1.6	13
5	Teaching quantum mechanics with the Hong-Ou-Mandel interferometer. , 2014, , .		0
6	Rapid fabrication of on-demand high-resolution optical masks with a CD-DVD pickup unit. Applied Optics, 2014, 53, 1802.	0.9	8
7	New perspectives for direct PDMS microfabrication using a CD-DVD laser. Lab on A Chip, 2013, 13, 4848.	3.1	24
8	BCS-BEC and observed sharp vs. BCS exponential rise in T_c . Physica C: Superconductivity and Its Applications, 2013, 493, 28-30.	0.6	0
9	Generalized BEC and crossover theories of superconductors and ultracold Fermi gases. Physica C: Superconductivity and Its Applications, 2013, 493, 85-88.	0.6	0
10	Planck-scale effects on Bose-Einstein condensates. Europhysics Letters, 2012, 98, 60001.	0.7	18
11	The Hong-Ou-Mandel interferometer in the undergraduate laboratory. European Journal of Physics, 2012, 33, 1843-1850.	0.3	10
12	Study of stability of relativistic ideal Bose-Einstein condensates. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2911-2916.	0.9	0
13	A generalized BEC picture of superconductors. International Journal of Quantum Chemistry, 2012, 112, 3018-3024.	1.0	15
14	Low-dimensional Fermi and Bose gases. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 44, 394-399.	1.3	3
15	Energy level structure and quantum phase transitions of spin systems with nonaxially symmetric Hamiltonians. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 475301.	0.7	7
16	Bose-Einstein Condensation in the Relativistic Ideal Bose Gas. Physical Review Letters, 2007, 99, 200406.	2.9	54
17	Non-radiative energy transfer between impurity ions in crystals: configuration mixing. Optical Materials, 1999, 12, 65-73.	1.7	1
18	Long-range order Hartree-Fock states with different magnetic properties. Journal of Physics C: Solid State Physics, 1979, 12, 249-263.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Long-range order HF states in the deformable jellium model. Journal of Physics C: Solid State Physics, 1979, 12, L715-L719.	1.5	8