

Marcela Grether

List of Publications by Year in descending order

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19
papers

173
citations

1162889

8
h-index

1125617

13
g-index

19
all docs

19
docs citations

19
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Bose-Einstein Condensation in the Relativistic Ideal Bose Gas. <i>Physical Review Letters</i> , 2007, 99, 200406.	2.9	54
2	New perspectives for direct PDMS microfabrication using a CD-DVD laser. <i>Lab on A Chip</i> , 2013, 13, 4848.	3.1	24
3	Planck-scale effects on Bose-Einstein condensates. <i>Europhysics Letters</i> , 2012, 98, 60001.	0.7	18
4	A generalized BEC picture of superconductors. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 3018-3024.	1.0	15
5	Fabrication of large all-PDMS micropatterned waveguides for lab on chip integration using a rapid prototyping technique. <i>Optical Materials Express</i> , 2017, 7, 1343.	1.6	13
6	The Hong-Ou-Mandel interferometer in the undergraduate laboratory. <i>European Journal of Physics</i> , 2012, 33, 1843-1850.	0.3	10
7	Long-range order HF states in the deformable jellium model. <i>Journal of Physics C: Solid State Physics</i> , 1979, 12, L715-L719.	1.5	8
8	Rapid fabrication of on-demand high-resolution optical masks with a CD-DVD pickup unit. <i>Applied Optics</i> , 2014, 53, 1802.	0.9	8
9	Energy level structure and quantum phase transitions of spin systems with nonaxially symmetric Hamiltonians. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2011, 44, 475301.	0.7	7
10	Long-range order Hartree-Fock states with different magnetic properties. <i>Journal of Physics C: Solid State Physics</i> , 1979, 12, 249-263.	1.5	5
11	Low-dimensional Fermi and Bose gases. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011, 44, 394-399.	1.3	3
12	Role of superconducting energy gap in extended BCS-Bose crossover theory. <i>International Journal of Modern Physics B</i> , 2017, 31, 1745004.	1.0	3
13	BCS-Bose crossover theory extended with hole Cooper pairs. <i>International Journal of Modern Physics B</i> , 2017, 31, 1745013.	1.0	3
14	Non-radiative energy transfer between impurity ions in crystals: configuration mixing. <i>Optical Materials</i> , 1999, 12, 65-73.	1.7	1
15	Quantum Chaos in Time Series of Single Photons as a Superposition of Wave and Particle States. <i>Photonics</i> , 2021, 8, 326.	0.9	1
16	Study of stability of relativistic ideal Bose-Einstein condensates. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012, 376, 2911-2916.	0.9	0
17	BCS-BEC and observed sharp vs. BCS exponential rise in T_c . <i>Physica C: Superconductivity and Its Applications</i> , 2013, 493, 28-30.	0.6	0
18	Generalized BEC and crossover theories of superconductors and ultracold Fermi gases. <i>Physica C: Superconductivity and Its Applications</i> , 2013, 493, 85-88.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Teaching quantum mechanics with the Hong-Ou-Mandel interferometer. , 2014, , .		0