

Alexandra B Artusio-Glimpse

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

170
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of electromagnetically induced transparency based Rydberg-atom electrometry through population repumping. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	32
2	Continuous radio-frequency electric-field detection through adjacent Rydberg resonance tuning. <i>Physical Review A</i> , 2021, 104, .	2.5	31
3	Modern RF Measurements With Hot Atoms: A Technology Review of Rydberg Atom-Based Radio Frequency Field Sensors. <i>IEEE Microwave Magazine</i> , 2022, 23, 44-56.	0.8	25
4	Atomic spectra in a six-level scheme for electromagnetically induced transparency and Autler-Townes splitting in Rydberg atoms. <i>Physical Review A</i> , 2021, 103, .	2.5	22
5	Rydberg atom-based field sensing enhancement using a split-ring resonator. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	22
6	Micromachined Force Scale for Optical Power Measurement by Radiation Pressure Sensing. <i>IEEE Sensors Journal</i> , 2018, 18, 7941-7948.	4.7	12
7	Miniature force sensor for absolute laser power measurements via radiation pressure at hundreds of watts. <i>Optics Express</i> , 2020, 28, 13310.	3.4	9
8	Radiation-Pressure-Enabled Traceable Laser Sources at CW Powers up to 50 kW. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 1833-1839.	4.7	7
9	High amplification laser-pressure optic enables ultra-low uncertainty measurements of optical laser power at kilowatt levels. <i>Metrologia</i> , 2021, 58, 055010.	1.2	5
10	Axial force radiometer for primary standard laser power measurements using photon momentum. <i>Metrologia</i> , 2021, 58, 015010.	1.2	4
11	Feedback Control of a Nonlinear Electrostatic Force Transducer. <i>Sensors</i> , 2020, 20, 7337.	3.8	1