

Sebastian Slama

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonically tailored micropotentials for ultracold atoms. Nature Photonics, 2011, 5, 494-498.	31.4	78
2	Dynamical Instability of a Bose-Einstein Condensate in an Optical Ring Resonator. Physical Review Letters, 2014, 112, 115302.	7.8	52
3	Highly versatile atomic micro traps generated by multifrequency magnetic field modulation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 1055-1064.	1.5	47
4	Cooperative coupling of ultracold atoms and surface plasmons. Nature Physics, 2014, 10, 937-942.	16.7	42
5	Phase-Sensitive Detection of Bragg Scattering at 1D Optical Lattices. Physical Review Letters, 2005, 94, 193901.	7.8	36
6	Supersolid Properties of a Bose-Einstein Condensate in a Ring Resonator. Physical Review Letters, 2020, 124, 143602.	7.8	33
7	Towards surface quantum optics with Bose-Einstein condensates in evanescent waves. Applied Physics B: Lasers and Optics, 2009, 96, 275-279.	2.2	18
8	Controlling mode locking in optical ring cavities. Applied Physics B: Lasers and Optics, 2007, 87, 643-647.	2.2	16
9	Cooperative scattering by cold atoms. Journal of Modern Optics, 2010, 57, 1841-1848.	1.3	13
10	Controlling photon bunching and antibunching of two quantum emitters near a core-shell sphere. Physical Review A, 2020, 101, .	2.5	10
11	Plasmonic trapping potentials for cold atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 135005.	1.5	9
12	Superradiance decoherence caused by long-range Rydberg-atom pair interactions. Physical Review A, 2022, 105, .	2.5	8
13	Photon-antibunching in the fluorescence of statistical ensembles of emitters at an optical nanofiber-tip. New Journal of Physics, 2019, 21, 035009.	2.9	7
14	Surface-plasmon-based dispersive detection and spectroscopy of ultracold atoms. Physical Review Research, 2021, 3, .	3.6	2
15	Nanofiber-Induced Losses Inside an Optical Cavity. Physical Review Applied, 2021, 16, .	3.8	2