

Anna Krasteva

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

66
citations

1684188

5
h-index

1588992

8
g-index

20
all docs

20
docs citations

20
times ranked

67
citing authors

#	ARTICLE	IF	CITATIONS
1	Sub-natural width N-type resonance in cesium atomic vapour: splitting in magnetic fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 035001.	1.5	15
2	Laser spectroscopy of sub-micrometre- and micrometre-thick caesium-vapour layers. Quantum Electronics, 2013, 43, 875-884.	1.0	11
3	Observation and theoretical simulation of electromagnetically induced transparency and enhanced velocity selective optical pumping in cesium vapour in a micrometric thickness optical cell. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 175004.	1.5	8
4	Unstable vicinal crystal growth from cellular automata. AIP Conference Proceedings, 2016, , .	0.4	8
5	Time scaling relations for step bunches from models with step-step attractions (B1-type models). AIP Conference Proceedings, 2016, , .	0.4	7
6	Spin randomization of light-induced desorbed Rb atoms. Journal of Physics: Conference Series, 2014, 514, 012029.	0.4	4
7	Calculation of the nonlinear interaction between a laser beam and alkali-metal atomic vapor in an ultrathin cell. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2016, 83, 659.	0.4	4
8	Coherent Population Trapping Resonances in Cs Atomic Vapor Layers of Micrometric Thickness. International Journal of Optics, 2011, 2011, 1-11.	1.4	3
9	Velocity selective optical pumping resonance sign reversal. , 2013, , .		2
10	High resolution spectroscopy of Cs vapor confined in optical cells of few-micron thicknesses. Journal of Physics: Conference Series, 2012, 397, 012062.	0.4	1
11	High Resolution Laser Spectroscopy of Cesium Vapor Layers with Nanometric Thickness. , 0, , .		1
12	Sub-natural width resonances in Cs vapor confined in micrometric thickness optical cell. Proceedings of SPIE, 2013, , .	0.8	1
13	Two-photon resonance on the D2line of Cs enhanced by optical pumping. Journal of Physics: Conference Series, 2015, 594, 012009.	0.4	1
14	Bi-chromatic spectroscopy in micrometric optical cells. , 2013, , .		0
15	Velocity anisotropy effect in pump-probe spectra of cesium in a micrometric thickness optical cell. Proceedings of SPIE, 2015, , .	0.8	0
16	Comparison of sub-Doppler-width resonances in transmission and reflection spectra of micrometer-thick Cs vapor layers. AIP Conference Proceedings, 2016, , .	0.4	0
17	Forty years after the first dark resonance experiment: an overview of the COSMA project results. Proceedings of SPIE, 2016, , .	0.8	0
18	Dark-state resonances observed on the D2 line of potassium. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Influence of spontaneous emission transfer on the resonances of interaction of laser radiation with alkali atoms confined in an extremely thin cell. Journal of Physics: Conference Series, 2017, 810, 012040.	0.4	0
20	Nonlinear resonances sign reversal and longitudinal alignment on the resonant levels of ^{133}Cs thin-layer vapour. Proceedings of SPIE, 2017, . .	0.8	0