

Daba A Radnatarov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3995527/publications.pdf>

Version: 2024-02-01

21
papers

154
citations

1307594

7
h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic electronic-controlled mode locking self-start in fibre lasers with non-linear polarisation evolution. Optics Express, 2013, 21, 20626.	3.4	49
2	Transient processes under dynamic excitation of a coherent population trapping resonance. Quantum Electronics, 2016, 46, 668-671.	1.0	19
3	Atomic clock based on a coherent population trapping resonance in ^{87}Rb with improved high-frequency modulation parameters. , 2015, , .		13
4	CPT atomic clock with cold-technology-based vapour cell. Optics and Laser Technology, 2019, 119, 105634.	4.6	12
5	Stability properties of an Rb CPT atomic clock with buffer-gas-free cells under dynamic excitation. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2700.	2.1	11
6	240-GHz continuously frequency-tuneable Nd:YVO ₄ /LBO laser with two intra-cavity locked etalons. Optics Express, 2015, 23, 27322.	3.4	10
7	Efficiency of different methods of extra-cavity second harmonic generation of continuous wave single-frequency radiation. Applied Optics, 2016, 55, 502.	2.1	10
8	Vector magnetometer based on the effect of coherent population trapping. Applied Optics, 2022, 61, 3604.	1.8	8
9	Variable-wavelength second harmonic generation of CW Yb-fibre laser in partially coupled enhancement cavity. Optics Express, 2014, 22, 7046.	3.4	7
10	Resonance reflection of light by ordered silicon nanopillar arrays with the vertical p-n junction. Thin Solid Films, 2019, 672, 109-113.	1.8	5
11	High-power CW single-frequency Nd:YVO ₄ /LBO laser quasi-continuously tuneable over a wide frequency range. , 2014, , .		2
12	Effect of electromagnetically induced transparency delay generated by dynamic coherent population trapping in Rb vapour. , 2016, , .		2
13	Suppression of light-field shift of CPT resonances in optically dense media. , 2021, , .		2
14	Self-start of passively mode-locked ring fibre oscillator as a function of pump power. Proceedings of SPIE, 2014, , .	0.8	1
15	Feedback enhancement of the amplitude of dynamically excited coherent population trapping resonance in Rb vapour. Proceedings of SPIE, 2016, , .	0.8	1
16	Method of characterizing the multicomponent spectrum of a VCSEL in devices based on the CPT effect. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 3533.	2.1	1
17	Atomic clock stability under dynamic excitation of coherent population trapping resonance in cells without buffer gas. , 2018, , .		1
18	CW Yb-fibre laser with wavelength-variable efficient intracavity frequency doubling in partially coupled enhancement cavity. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	New method for enhancement of contrast of coherent population trapping resonance in Rb vapour. , 2017, , .		0
20	Properties of Rb CPT Atomic Clock at Subharmonic Microwave Modulation Frequencies. IEEE Photonics Journal, 2019, 11, 1-11.	2.0	0
21	Tunable powerful UV laser system with UV noise eater. , 2018, , .		0