

# Anton V Tausenev

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

620  
citations

1040056

9  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methane microwave optical master oscillator for fountain references. Quantum Electronics, 2019, 49, 272-277.	1.0	3
2	High-Peak-Power Femtosecond Pulse Generation by Nonlinear Compression in a Yb-Doped Hybrid Fiber. IEEE Photonics Journal, 2019, 11, 1-11.	2.0	8
3	Compression of femtosecond ytterbium fibre laser pulses using nonlinear processes in silica fibre. Quantum Electronics, 2018, 48, 476-480.	1.0	3
4	Methane based microwave reference oscillator. , 2017, , .		2
5	Femtosecond optical-to-microwave frequency divider with a relative instability of $10^{-4} \text{ } \hat{=} 10^{-16}$ ( $\hat{I}_n = 1 \text{ } \hat{=} 10^{-16}$ ) Tj ETQ <sub>01</sub> 1 0.784314 rgB	1.0	3
6	Nanoscale and femtosecond optical autocorrelator based on a single plasmonic nanostructure. Laser Physics Letters, 2014, 11, 105301.	1.4	4
7	Single nano-hole as a new effective nonlinear element for third-harmonic generation. Laser Physics Letters, 2013, 10, 075901.	1.4	19
8	A nanohole in a thin metal film as an efficient nonlinear optical element. Journal of Experimental and Theoretical Physics, 2013, 117, 21-31.	0.9	2
9	Nanocalised source of femtosecond radiation. Quantum Electronics, 2013, 43, 379-387.	1.0	4
10	Toward saturable absorbers for solid state lasers in form of holey fibers filled with single-wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2010, 247, 3080-3083.	1.5	3
11	Femtosecond fiber laser based methane optical clock. Applied Physics B: Lasers and Optics, 2009, 95, 661-666.	2.2	30
12	Mode-locked 193 nm thulium fiber laser with a carbon nanotube absorber. Optics Letters, 2008, 33, 1336.	3.3	371
13	Realisation of a compact methane optical clock. Quantum Electronics, 2008, 38, 613-614.	1.0	12
14	177 fs erbium-doped fiber laser mode locked with a cellulose polymer film containing single-wall carbon nanotubes. Applied Physics Letters, 2008, 92, .	3.3	78
15	Femtosecond Er <sup>3+</sup> fiber laser for application in an optical clock. Laser Physics, 2007, 17, 1286-1291.	1.2	15
16	Ultrashort-pulse erbium-doped fibre laser using a saturable absorber based on single-wall carbon nanotubes synthesised by the arc-discharge method. Quantum Electronics, 2007, 37, 847-852.	1.0	15
17	Self-mode-locking in erbium-doped fibre lasers with saturable polymer film absorbers containing single-wall carbon nanotubes synthesised by the arc discharge method. Quantum Electronics, 2007, 37, 205-208.	1.0	25
18	Efficient source of femtosecond pulses and its use for broadband supercontinuum generation. Quantum Electronics, 2005, 35, 581-585.	1.0	16

#	ARTICLE	IF	CITATIONS
19	State of the art and outlook for investigations in the field of optical metrology and quantum frequency standards. Quantum Electronics, 2004, 34, 1083-1083.	1.0	0
20	Raman-converter-diode-pumped continuous-wave femtosecond Er-doped fibre laser. Quantum Electronics, 2004, 34, 106-110.	1.0	7