

Timothy Runcorn

List of Publications by Year in descending order

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18
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1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Wideband saturable absorption in few-layer molybdenum diselenide (MoSe ₂) for Q-switching Yb-, Er- and Tm-doped fiber lasers. Optics Express, 2015, 23, 20051.	1.7	252
2	Characterization of the second- and third-order nonlinear optical susceptibilities of monolayer MoS ₂ using multiphoton microscopy. 2D Materials, 2017, 4, 011006.	2.0	147
3	Mid-infrared Raman-soliton continuum pumped by a nanotube-mode-locked sub-picosecond Tm-doped MOPFA. Optics Express, 2013, 21, 23261.	1.7	74
4	Fiber grating compression of giant-chirped nanosecond pulses from an ultra-long nanotube mode-locked fiber laser. Optics Letters, 2015, 40, 387.	1.7	28
5	Visible Raman-Shifted Fiber Lasers for Biophotonic Applications. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	1.9	28
6	Highly efficient mid-infrared difference-frequency generation using synchronously pulsed fiber lasers. Optics Letters, 2016, 41, 2446.	1.7	27
7	High average power parametric wavelength conversion at 331â€“348 Î¼m in MgO:PPLN. Optics Express, 2017, 25, 6421.	1.7	27
8	Q-switched Fiber Laser with MoS ₂ Saturable Absorber. , 2014, , .		19
9	Duration-tunable picosecond source at 560â€“600nm with watt-level average power. Optics Letters, 2015, 40, 3085.	1.7	19
10	Highly efficient nanosecond 560 nm source by SHG of a combined Yb-Raman fiber amplifier. Optics Express, 2018, 26, 4440.	1.7	16
11	Fiber-integrated frequency-doubling of a picosecond Raman laser to 560 nm. Optics Express, 2015, 23, 15728.	1.7	15
12	High Average Power Second-Harmonic Generation of a CW Erbium Fiber MOPA. IEEE Photonics Technology Letters, 2017, 29, 1576-1579.	1.3	10
13	Fiber-integrated 780 nm source for visible parametric generation. Optics Express, 2014, 22, 29726.	1.7	7
14	Nanosecond pulsed 620â€“650nm source by frequency-doubling a phosphosilicate Raman fiber amplifier. Optics Letters, 2019, 44, 6025.	1.7	6
15	Nanotube mode-locked, low repetition rate pulse source for fiber-based supercontinuum generation at low average pump power. , 2014, , .		1
16	Synchronously coupled fiber lasers and sum frequency generation using graphene composites. , 2014, , .		1
17	Multi-Watt-level 3.28â€“3.45 Î¼m difference frequency generation using synchronous fiber lasers. , 2016, , .		1
18	Fiber-integrated second harmonic generation modules for visible and near-visible picosecond pulse generation. Proceedings of SPIE, 2015, , .	0.8	0