

Chun Yin Tang

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Highly-sensitive epinephrine sensors based on organic electrochemical transistors with carbon nanomaterial modified gate electrodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6532-6538.	5.5	59
2	Tuning nonlinear optical absorption properties of WS ₂ nanosheets. <i>Nanoscale</i> , 2015, 7, 17771-17777.	5.6	57
3	Passively Q-switched and femtosecond mode-locked erbium-doped fiber laser based on a 2D palladium disulfide (PdS ₂) saturable absorber. <i>Photonics Research</i> , 2020, 8, 511.	7.0	48
4	Laser Q-switching with PtS ₂ microflakes saturable absorber. <i>Optics Express</i> , 2018, 26, 13055.	3.4	41
5	Ultrafast Laser Pulses Generation by Using 2D Layered PtS ₂ as a Saturable Absorber. <i>Journal of Lightwave Technology</i> , 2019, 37, 1174-1179.	4.6	41
6	Passively Q-Switched Nd:YVO ₄ Laser Using WS ₂ Saturable Absorber Fabricated by Radio Frequency Magnetron Sputtering Deposition. <i>Journal of Lightwave Technology</i> , 2017, 35, 4120-4124.	4.6	33
7	Technique and model for modifying the saturable absorption (SA) properties of 2D nanofilms by considering interband exciton recombination. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7501-7511.	5.5	32
8	Passively Q-switched Ytterbium-doped fiber laser based on broadband multilayer Platinum Ditelluride (PtTe ₂) saturable absorber. <i>Scientific Reports</i> , 2019, 9, 10106.	3.3	32
9	Enhanced Photocatalytic Activity of WS ₂ Film by Laser Drilling to Produce Porous WS ₂ /WO ₃ Heterostructure. <i>Scientific Reports</i> , 2017, 7, 3125.	3.3	31
10	Utilization of group 10 2D TMDs-PdSe ₂ as a nonlinear optical material for obtaining switchable laser pulse generation modes. <i>Nanotechnology</i> , 2021, 32, 055201.	2.6	24
11	In ₂ Se ₃ nanosheets with broadband saturable absorption used for near-infrared femtosecond laser mode locking. <i>Nanotechnology</i> , 2019, 30, 465704.	2.6	19
12	Effect of laser illumination on the morphology and optical property of few-layer MoS ₂ nanosheet in NMP and PMMA. <i>Journal of Materials Chemistry C</i> , 2016, 4, 678-683.	5.5	17
13	High-power passively mode-locked Nd:YVO ₄ laser using SWCNT saturable absorber fabricated by dip coating method. <i>Optics Express</i> , 2015, 23, 4880.	3.4	10