

2D Saturable Absorbers for Fibre Lasers

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Towards "smart lasers": self-optimisation of an ultrafast pulse source using a genetic algorithm. Scientific Reports, 2016, 6, 37616.	1.6	100
2	Molybdenum Disulphide Tape Saturable Absorber for Mode-Locked Double-Clad Ytterbium-Doped All-Fiber Laser Generation. Chinese Physics Letters, 2016, 33, 114201.	1.3	13
3	Gold nanobipyramid Q-switched Nd:LGGG eye-safe laser operating at 1423.4 nm. Applied Optics, 2016, 55, 7351.	2.1	9
4	Nonlinear optical responses in two-dimensional transition metal dichalcogenide multilayer: WS ₂ , WSe ₂ , MoS ₂ and Mo _{0.5} W _{0.5} S ₂ . Optics Express, 2016, 24, 20685.	1.7	113
5	Dark solitons in laser radiation build-up dynamics. Physical Review E, 2016, 93, 032221.	0.8	19
6	Fibre amplifying loop mirror with nonlinearity independent of the intensity of intra-cavity radiation. Proceedings of SPIE, 2016, , .	0.8	0
7	152 fs nanotube-mode-locked thulium-doped all-fiber laser. Scientific Reports, 2016, 6, 28885.	1.6	86
8	All-polarization-maintaining-fiber laser Q-switched by evanescent field interaction with Sb ₂ Te ₃ saturable absorber. Optical Engineering, 2016, 55, 081316.	0.5	20
9	Mode-locked ytterbium-doped all-fiber lasers based on few-layer black phosphorus saturable absorbers. Optics Communications, 2017, 394, 157-160.	1.0	39
10	A novel polymer composite with a small optical band gap: New approaches for photonics and optoelectronics. Journal of Applied Polymer Science, 2017, 134, .	1.3	67
11	2D Materials for Optical Modulation: Challenges and Opportunities. Advanced Materials, 2017, 29, 1606128.	11.1	364
12	Phosphorene quantum dot saturable absorbers for ultrafast fiber lasers. Scientific Reports, 2017, 7, 42357.	1.6	143
13	Tungsten disulphide for ultrashort pulse generation in all-fiber lasers. Nanoscale, 2017, 9, 5806-5811.	2.8	204
14	Wavelength-switchable passively mode-locked fiber laser with mechanically exfoliated molybdenum ditelluride on side-polished fiber. Optics and Laser Technology, 2017, 96, 307-312.	2.2	27
16	Large-area tungsten disulfide for ultrafast photonics. Nanoscale, 2017, 9, 1871-1877.	2.8	126
17	MoS ₂ /Carbon Nanotube Core-Shell Nanocomposites for Enhanced Nonlinear Optical Performance. Chemistry - A European Journal, 2017, 23, 3321-3327.	1.7	57
18	Doubly Q-switched Nd:GGG laser with a few-layer MoS ₂ saturable absorber and an acousto-optic modulator. Optical Materials, 2017, 72, 464-469.	1.7	6
19	Titanium Dioxide (TiO ₂) film as a new saturable absorber for generating mode-locked Thulium-Holmium doped all-fiber laser. Optics and Laser Technology, 2017, 89, 16-20.	2.2	72

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20	Low-loss saturable absorbers based on tapered fibers embedded in carbon nanotube/polymer composites. <i>APL Photonics</i> , 2017, 2, .	3.0	40
21	Tungsten disulfide saturable absorbers for 67 fs mode-locked erbium-doped fiber lasers. <i>Optics Express</i> , 2017, 25, 2950.	1.7	214
22	Fundamental and harmonic mode-locking at 21 μ m with black phosphorus saturable absorber. <i>Optics Express</i> , 2017, 25, 16916.	1.7	114
23	All-fiberized, femtosecond laser at 1912 nm using a bulk-like MoSe ₂ saturable absorber. <i>Optical Materials Express</i> , 2017, 7, 2968.	1.6	77
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27	Bismuth (III) Telluride (Bi ₂ Te ₃) Based Topological Insulator Embedded in PVA as Passive Saturable Absorber in Erbium-Doped Fiber Laser. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 210, 012032.	0.3	3
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32	Tunable passively Q-switched erbium-doped fiber laser with Chitosan/MoS ₂ saturable absorber. <i>Optics and Laser Technology</i> , 2018, 103, 199-205.	2.2	21
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35	Q-switched and mode-locked thulium-doped fiber laser with pure Antimony film Saturable absorber. <i>Optics Communications</i> , 2018, 421, 99-104.	1.0	34
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39	Dispersion engineering of mode-locked fibre lasers. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 033002.	1.0	65
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