

# Mengmeng Tao

## List of Publications by Year in descending order

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158  
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#	ARTICLE	IF	CITATIONS
1	Super-flat supercontinuum generation from a Tm-doped fiber amplifier. Scientific Reports, 2016, 6, 23759.	3.3	25
2	Development of a 2 $\mu$ m Tm-doped fiber laser for hyperspectral absorption spectroscopy applications. Optics Express, 2017, 25, 32386.	3.4	19
3	Experimental demonstration of an Er-doped fiber ring laser mode-locked with a Tm <sup>3+</sup> /Ho co-doped fiber saturable absorber. Laser Physics, 2013, 23, 085102.	1.2	18
4	High peak power actively Q-switched mid-infrared fiber lasers at 3 $\mu$ m. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	18
5	A Tm <sup>3+</sup> /Ho codoped fiber based 38 nm wideband wavelength tunable passively Q-switched Er-doped fiber laser. Laser Physics, 2013, 23, 105104.	1.2	17
6	Theoretical modeling and analysis of a passively Q-switched Er-doped fiber laser with Tm-doped fiber saturable absorber. Optics Communications, 2014, 319, 128-132.	2.1	16
7	Tm <sup>3+</sup> /Ho co-doped fiber-based high repetition rate passive Q-switching of an Er-doped fiber laser. Laser Physics Letters, 2014, 11, 015103.	1.4	14
8	Tm-Ho codoped fiber based multi-wavelength Q-switching of an Er-doped fiber laser. Optics Communications, 2015, 354, 209-212.	2.1	11
9	Modeling of Tm <sup>3+</sup> /Ho codoped fiber saturable absorber based passive Q-switching of an Er-doped fiber laser. Laser Physics, 2014, 24, 085110.	1.2	10
10	Thermal modeling of high-power Yb-doped fiber lasers with irradiated active fibers. Optics Express, 2020, 28, 10104.	3.4	8
11	Experimental investigation of gain-switched Tm <sup>3+</sup> /Ho Co-doped single clad fiber lasers. Laser Physics, 2013, 23, 105101.	1.2	6
12	Impacts of doping concentration on the saturable characteristics of Tm-Ho codoped fiber saturable absorber. Optics and Laser Technology, 2018, 100, 176-182.	4.6	5
13	Gain-switching and gain-switched mode-locking operation of a Tm/Ho co-doped fiber laser. Laser Physics, 2013, 23, 095109.	1.2	4
14	Tm <sup>3+</sup> /Ho Co-Doped Fiber Saturable Absorber Based All-Optical Active Q-Switching. Journal of Russian Laser Research, 2015, 36, 495-499.	0.6	3
15	Tm-Ho codoped fiber saturable absorber based passive Q-switching with subsidiary pump. Laser Physics, 2015, 25, 075106.	1.2	3
16	Modeling and Analysis of a Pulsed Er-Tm Fiber Laser System. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 37-43.	2.9	3
17	Modelling and characteristics of actively Q-switched Er-doped fibre laser with Tm-doped fibre saturable absorber. Journal of Modern Optics, 2017, 64, 471-477.	1.3	3
18	Wavelength tuning of a passively Q-switched Er-doped fiber laser based on a Tm <sup>3+</sup> /Ho codoped fiber saturable absorber. Laser Physics, 2018, 28, 115108.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Thermal modeling of resonantly pumped high power Tm-doped fiber amplifiers. Results in Physics, 2022, 36, 105407.	4.1	3
20	Tm-Ho codoped fiber based all fiber amplification of a gain-switched 2 $\mu$ m fiber laser. Optik, 2014, 125, 6198-6200.	2.9	2
21	Modeling and Analysis of a Pulsed Yb-Tm Fiber Laser System. Journal of Lightwave Technology, 2020, 38, 6635-6643.	4.6	2
22	Improving the repetition rate of Tm-doped fiber saturable absorber based passive Q-switching. , 2015, , .		1
23	Tm-doped Fiber Amplifier with Supercontinuum Output. Journal of Russian Laser Research, 2016, 37, 395-400.	0.6	1
24	Modeling of a pulsed, single cavity Yb-Bi fiber laser taking mode field area mismatch into consideration. Laser Physics, 2019, 29, 035101.	1.2	1