

# Chao Tan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3966533/publications.pdf>

Version: 2024-02-01

14  
papers

53  
citations

1937685

4  
h-index

1720034

7  
g-index

14  
all docs

14  
docs citations

14  
times ranked

81  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation on the dynamic propagation of finite-energy Airy pulses in photonic crystal fibre. <i>Journal of Modern Optics</i> , 2020, 67, 445-453.	1.3	2
2	Numerical Study on the Soliton Mode-Locking of the Er <sup>3+</sup> -Doped Fluoride Fiber Laser at $\sim 3 \mu\text{m}$ with Nonlinear Polarization Rotation. <i>Photonics</i> , 2019, 6, 25.	2.0	5
3	All-Optical Switching Based on the Plasma Channel Induced by Laser Pulses. <i>Advances in Condensed Matter Physics</i> , 2018, 2018, 1-7.	1.1	1
4	Experimental realization of spatial light modulation based on graded-index plasma channels. <i>Optical Engineering</i> , 2017, 56, 044105.	1.0	0
5	A Novel Technique to Measure the Spatial-Temporal Intensity of an Ultrashort Pulse. <i>Journal of Russian Laser Research</i> , 2017, 38, 294-300.	0.6	2
6	Plasma optical modulation for lasers based on the plasma induced by femtosecond pulses. <i>Optics Express</i> , 2017, 25, 14065.	3.4	9
7	Graphene Oxide: A Perfect Material for Spatial Light Modulation Based on Plasma Channels. <i>Materials</i> , 2017, 10, 354.	2.9	3
8	Solution Growth of Two-Dimensional Bi <sub>2</sub> Se <sub>3</sub> Nanosheets for Two-Color All-Optical Switching. <i>Materials</i> , 2017, 10, 1332.	2.9	8
9	Diffraction modulation evolution from a knife-edge for small-scale self-focusing. <i>Optical and Quantum Electronics</i> , 2015, 47, 2697-2707.	3.3	1
10	An experimental method for pulse-width measurement in partial positions of an ultrashort-pulsed beam. , 2014, , .		0
11	Topological insulator Sb <sub>2</sub> Te <sub>3</sub> as an optical media for the generation of ring-shaped beams. <i>Optical Materials Express</i> , 2014, 4, 2016.	3.0	12
12	Experimental measurement of ultrashort pulse evolution at different spatial positions in nonlinear media. <i>Optics and Laser Technology</i> , 2014, 59, 47-51.	4.6	3
13	A Method for Measuring the Pulsewidth at Different Spatial Positions of Ultrashort Laser Pulses. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 1263-1265.	2.5	2
14	Generation of ring-shaped beams by a graded-index plasma lens. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 125202.	2.2	5