

# Jinlong Xu

## List of Publications by Year in descending order

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15  
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#	ARTICLE	IF	CITATIONS
1	Giant and Broadband Multiphoton Absorption Nonlinearities of a 2D Organometallic Perovskite Ferroelectric. <i>Advanced Materials</i> , 2020, 32, e2002972.	21.0	51
2	High-harmonic generation in Weyl semimetal $\hat{\Gamma}^2$ -WP2 crystals. <i>Nature Communications</i> , 2021, 12, 6437.	12.8	40
3	The First Improper Ferroelectric of 2D Multilayered Hybrid Perovskite Enabling Strong Tunable Polarization- $\hat{\Gamma}$ -Directed Second Harmonic Generation Effect. <i>Advanced Functional Materials</i> , 2021, 31, 2103012.	14.9	34
4	Broadband photocarrier dynamics and nonlinear absorption of PLD-grown WTe <sub>2</sub> semimetal films. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	31
5	A Plasmon-Enhanced SnSe <sub>2</sub> Photodetector by Non-Contact Ag Nanoparticles. <i>Small</i> , 2021, 17, e2102351.	10.0	25
6	2D van der Waals Layered [C(NH <sub>2</sub> ) <sub>3</sub> ] <sub>2</sub> SO <sub>3</sub> S Exhibits Desirable UV Nonlinear-Optical Trade-Off. <i>Inorganic Chemistry</i> , 2021, 60, 14544-14549.	4.0	18
7	A 2 micron passively Q-switched bulk state pulsed laser based on WS <sub>2</sub> . <i>RSC Advances</i> , 2017, 7, 47565-47569.	3.6	10
8	Sb <sub>2</sub> Te <sub>3</sub> as the saturable absorber for the $\hat{\Gamma}^2$ 2.0 $\hat{\Gamma}^4$ m passively Q-switched solid state pulsed laser. <i>RSC Advances</i> , 2019, 9, 29312-29316.	3.6	8
9	Plasmon-Assisted Broadband All-Optical Control of Highly Intense Femtosecond Laser by Weak Continuous-Wave Laser. <i>Advanced Optical Materials</i> , 2020, 8, 2000560.	7.3	6
10	2- $\mu$ m Repetition-Rate Tunable (1-6 GHz) Picosecond Source. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 2234-2237.	2.5	5
11	Synthesis of WS <sub>1.76</sub> Te <sub>0.24</sub> alloy through chemical vapor transport and its high-performance saturable absorption. <i>Scientific Reports</i> , 2019, 9, 19457.	3.3	5
12	Nonlinear saturable absorption in antimonene quantum dots for passively Q-switching Pr:YLF laser. <i>Nano Select</i> , 2021, 2, 1741-1749.	3.7	4
13	2.8 $\hat{\Gamma}^4$ m Passively Q-switched solid state pulse laser based on MoS <sub>2</sub> /Graphene heterojunction. , 2017, , .		1
14	Ferroelectric properties in metal-coordinated complex tris(2-hydroxyethyl) ammonium trichloro cadmium( $\text{[SCp]Cl}_3$ ). <i>Journal of Materials Chemistry C</i> , 2022, 10, 2255-2262.	5.5	1
15	GaInSn liquid nanospheres as a saturable absorber for Q-switched pulse generation at 639nm. <i>Optics Express</i> , 2022, 30, 28242.	3.4	1