Xiaolei Zhu

List of Publications by Year
in descending order

12	103	1684188 5	1372567 10
papers	citations	h-index	g-index

12	12	12	68
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of Flow Field Analysis in Ion Beam Figuring for Ultra-Smooth Machining of Monocrystalline Silicon Mirror. Micromachines, 2022, 13, 318.	2.9	3
2	Compact wavelength tunable output around 440 nm pulsed laser for oceanic lidar application. Optics Communications, 2021, 485, 126706.	2.1	5
3	Compact and high reliable frequency-stabilized laser system at 589Ânm based on the distributed-feedback laser diodes. Applied Physics B: Lasers and Optics, 2021, 127, 1.	2.2	1
4	Research on ultra-smooth machining technique for monocrystalline silicon substrate. Journal of Modern Optics, 2020, 67, 1227-1232.	1.3	3
5	Oceanic Lidar: Theory and Experiment. EPJ Web of Conferences, 2020, 237, 07021.	0.3	1
6	A Semianalytic Monte Carlo Simulator for Spaceborne Oceanic Lidar: Framework and Preliminary Results. Remote Sensing, 2020, 12, 2820.	4.0	11
7	A Dual-Wavelength Ocean Lidar for Vertical Profiling of Oceanic Backscatter and Attenuation. Remote Sensing, 2020, 12, 2844.	4.0	20
8	5.6-mJ, Single-Frequency, End-Pumped Tm:Ho:LuLiF₄ Slab Amplifier System. IEEE Photonics Technology Letters, 2020, 32, 231-234.	2.5	3
9	Lidar Remote Sensing of Seawater Optical Properties: Experiment and Monte Carlo Simulation. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9489-9498.	6.3	33
10	Validation of the Analytical Model of Oceanic Lidar Returns: Comparisons with Monte Carlo Simulations and Experimental Results. Remote Sensing, 2019, 11, 1870.	4.0	19
11	Actively Q-switched laser performance of Nd:LuAG crystal with birefringence compensator. Optical and Quantum Electronics, 2015, 47, 3213-3220.	3.3	4
12	Temperature-dependent performances of diode-pumped Yb:YAG disk lasers. , 2011, , .		0