

Guodong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

167
citations

1478505

6
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Bessel beams: advanced tools for laser materials processing. <i>Advanced Optical Technologies</i> , 2018, 7, 165-174.	1.7	71
2	Efficient point-by-point Bragg gratings fabricated in embedded laser-written silica waveguides using ultrafast Bessel beams. <i>Optics Letters</i> , 2018, 43, 2161.	3.3	18
3	Ultrashort Bessel beam photoinscription of Bragg grating waveguides and their application as temperature sensors. <i>Photonics Research</i> , 2019, 7, 806.	7.0	18
4	Design and Fabrication of Dual-Scale Broadband Antireflective Structures on Metal Surfaces by Using Nanosecond and Femtosecond Lasers. <i>Micromachines</i> , 2020, 11, 20.	2.9	15
5	Reconstructing of Embedded High-Aspect-Ratio Nano-Voids Generated by Ultrafast Laser Bessel Beams. <i>Micromachines</i> , 2020, 11, 671.	2.9	12
6	Nonlinear Optical Response of Reflective MXene Molybdenum Carbide Films as Saturable Absorbers. <i>Nanomaterials</i> , 2020, 10, 2391.	4.1	10
7	Thermal and mechanical limitations to processing resolution in volume non-diffractive ultrafast laser structuring. <i>Applied Surface Science</i> , 2021, 570, 151170.	6.1	8
8	Photochemical response triggered by ultrashort laser Gaussian-Bessel beams in photo-thermo-refractive glass. <i>Optics Express</i> , 2020, 28, 31093.	3.4	5
9	Nano-Crystal and Microstructure Formation in Fluoride Photo-Thermo-Refractive Glass Using Chirp-Controlled Ultrafast Laser Bessel Beams. <i>Nanomaterials</i> , 2021, 11, 1432.	4.1	4
10	Research on the Response Characteristics of Vanadium Pentoxide Film to the Irradiation of Ultrafast Pulsed Laser. <i>Nanomaterials</i> , 2021, 11, 2078.	4.1	3
11	Effects of CeO ₂ and Sb ₂ O ₃ on the Nonlinear Photochemical Process in Ultrashort Laser Gaussian-Bessel Beams Irradiated Photo-Thermo-Refractive Glass. <i>Micromachines</i> , 2021, 12, 615.	2.9	2
12	Method of encapsulating silver nanodots using porous glass and its application in Q-switched all solid-state laser. <i>Optics Express</i> , 2019, 27, 5337.	3.4	1