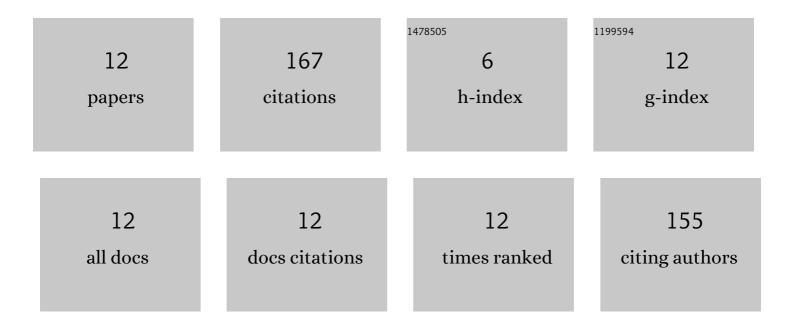
## **Guodong Zhang**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2139371/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Effects of CeO2 and Sb2O3 on the Nonlinear Photochemical Process in Ultrashort Laser Gaussian—Bessel Beams Irradiated Photo—Thermo—Refractive Glass. Micromachines, 2021, 12, 615.	2.9	2
2	Nano-Crystal and Microstructure Formation in Fluoride Photo-Thermo-Refractive Glass Using Chirp-Controlled Ultrafast Laser Bessel Beams. Nanomaterials, 2021, 11, 1432.	4.1	4
3	Research on the Response Characteristics of Vanadium Pentoxide Film to the Irradiation of Ultrafast Pulsed Laser. Nanomaterials, 2021, 11, 2078.	4.1	3
4	Thermal and mechanical limitations to processing resolution in volume non-diffractive ultrafast laser structuring. Applied Surface Science, 2021, 570, 151170.	6.1	8
5	Design and Fabrication of Dual-Scale Broadband Antireflective Structures on Metal Surfaces by Using Nanosecond and Femtosecond Lasers. Micromachines, 2020, 11, 20.	2.9	15
6	Reconstructing of Embedded High-Aspect-Ratio Nano-Voids Generated by Ultrafast Laser Bessel Beams. Micromachines, 2020, 11, 671.	2.9	12
7	Nonlinear Optical Response of Reflective MXene Molybdenum Carbide Films as Saturable Absorbers. Nanomaterials, 2020, 10, 2391.	4.1	10
8	Photochemical response triggered by ultrashort laser Gaussian-Bessel beams in photo-thermo-refractive glass. Optics Express, 2020, 28, 31093.	3.4	5
9	Ultrashort Bessel beam photoinscription of Bragg grating waveguides and their application as temperature sensors. Photonics Research, 2019, 7, 806.	7.0	18
10	Method of encapsulating silver nanodots using porous glass and its application in Q-switched all solid-state laser. Optics Express, 2019, 27, 5337.	3.4	1
11	Ultrafast Bessel beams: advanced tools for laser materials processing. Advanced Optical Technologies, 2018, 7, 165-174.	1.7	71
12	Efficient point-by-point Bragg gratings fabricated in embedded laser-written silica waveguides using ultrafast Bessel beams. Optics Letters, 2018, 43, 2161.	3.3	18