

Guanghua Cheng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optical Properties of V2O5 Thin Films on Different Substrates and Femtosecond Laser-Induced Phase Transition Studied by Pump-Probe Method. <i>Nanomaterials</i> , 2022, 12, 330.	4.1	2
2	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
3	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
4	Index Modulation Embedded in Type I Waveguide Written by Femtosecond Laser in Fused Silica. <i>Micromachines</i> , 2021, 12, 1579.	2.9	1
5	Effect of cation vacancies on the optical and dielectric properties of K ₂ Sr ₂ Nb ₅ O ₁₅ : A first-principles study. <i>Journal of the American Ceramic Society</i> , 2020, 103, 1912-1926.	3.8	1
6	In Vitro Bioactivity and Biocompatibility of Bio-Inspired Ti-6Al-4V Alloy Surfaces Modified by Combined Laser Micro/Nano Structuring. <i>Molecules</i> , 2020, 25, 1494.	3.8	20
7	Nanosecond level passively Q-switched Nd:YAG and Nd:YVO ₄ laser using black phosphorus as a saturable absorber. <i>Modern Physics Letters B</i> , 2019, 33, 1950163.	1.9	3
8	High-resolution material structuring using ultrafast laser non-diffractive beams. <i>Advances in Physics: X</i> , 2019, 4, 1659180.	4.1	17
9	Transmission performance of 90°-bend optical waveguides fabricated in fused silica by femtosecond laser inscription. <i>Optics Letters</i> , 2017, 42, 3470.	3.3	4