Hu Wang

List of Publications by Year
in descending order

20 papers	274 citations	1040056 9 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	265 citing authors

#	Article	IF	Citations
1	Surface Passivation of MAPbBr₃ Perovskite Single Crystals to Suppress Ion Migration and Enhance Photoelectronic Performance. ACS Applied Materials & Interfaces, 2022, 14, 10917-10926.	8.0	39
2	Space Debris Detection and Positioning Technology Based on Multiple Star Trackers. Applied Sciences (Switzerland), 2022, 12, 3593.	2.5	12
3	Accurate Determination of Conversion Gains of SVOM VT CCDs Based on a Signal-Dependent Charge-Sharing Mechanism. Electronics (Switzerland), 2021, 10, 931.	3.1	4
4	Interface evolution of cosputtering NiC/Ti multilayer for neutron application. Optical Engineering, 2021, 60, .	1.0	3
5	Structure and shock properties of amorphous silica predicted by a metal-organic framework force field. Optical Materials Express, 2021, 11, 3433.	3.0	0
6	DM-SLAM: Monocular SLAM in Dynamic Environments. Applied Sciences (Switzerland), 2020, 10, 4252.	2.5	10
7	Rapid growth of a long-seed KDP crystal. High Power Laser Science and Engineering, 2020, 8, .	4.6	11
8	Rapid Growth of a Cuboid DKDP (KD_xH_{2â€“x}PO₄) Crystal. Crystal Growth and Design, 2019, 19, 2746-2750.	3.0	16
9	Investigation of the pyramidâ€“prism boundary of a rapidly grown KDP crystal. CrystEngComm, 2019, 21, 1482-1487.	2.6	20
10	New route for modification of thermochromic properties of vanadium dioxide films via high-energy X-ray irradiation. Ceramics International, 2019, 45, 1661-1669.	4.8	9
11	Significant change in optical and thermochromic properties for VO₂ films post-treated by low-energy argon ions. Optical Materials Express, 2019, 9, 1979.	3.0	7
12	Electrochromic behavior of WO3 thin films prepared by GLAD. Applied Surface Science, 2018, 447, 471-478.	6.1	37
13	Thermochromism of vanadium dioxide films controlled by the thickness of ZnO buffer layer under low substrate temperature. Journal of Alloys and Compounds, 2018, 740, 844-851.	5.5	31
14	Thermochromic and Femtosecond-Laser-Induced Damage Performance of Tungsten-Doped Vanadium Dioxide Films Prepared Using an Alloy Target. Materials, 2018, 11, 1724.	2.9	6
15	VO2 thin films with low phase transition temperature grown on ZnO/glass by applying substrate DC bias at low temperature of 250â€Â°C. Applied Surface Science, 2018, 453, 23-30.	6.1	19
16	Enhanced visible transmittance and reduced transition temperature for VO₂ thin films modulated by index-tunable SiO₂ anti-reflection coatings. RSC Advances, 2018, 8, 28953-28959.	3.6	25
17	Transition from isolated submicrometer pits to integral ablation of HfO 2 and SiO 2 films under subpicosecond irradiation. Optics Communications, 2017, 387, 214-222.	2.1	6
18	Laser-resistance sensitivity to substrate pit size of multilayer coatings. Scientific Reports, 2016, 6, 27076.	3.3	9

#	Article	IF	Citations
19	Origin of the plasma scalds in dielectric coatings induced by 1Ï‰ laser. Applied Physics Letters, 2016, 108, .	3.3	7
20	Beam modulation caused by the plasma scalds in the multilayer dielectric films. Optics Letters, 2015, 40, 2925.	3.3	3