

Xudong

List of Publications by Year in descending order

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22
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544
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Power Scaling of Simple CW Ultraviolet via Pr: LiYF ₄ -LBO Laser at 320 nm. IEEE Photonics Technology Letters, 2022, 34, 129-132.	2.5	8
2	Direct ink writing of high-performance Bi ₂ Te ₃ -based thermoelectric materials using quasi-inorganic inks and interface engineering. Journal of Materials Chemistry A, 2022, 10, 12921-12927.	10.3	8
3	Synthesis of ZnO and Cu-doped ZnO Nanocrystalline by Solution Combustion Method and Their Catalytic Effects on Thermal Behavior of KClO ₄ . Combustion Science and Technology, 2021, 193, 75-89.	2.3	5
4	Directional charge transportation and Rayleigh scattering for the optimal in-band quantum yield of a composite semiconductor nano-photocatalyst. Catalysis Science and Technology, 2021, 11, 3855-3864.	4.1	1
5	Effect of Heat Treatment on the Microstructure and Mechanical Properties of Selective Laser-Melted Ti64 and Ti-5Al-5Mo-5V-1Cr-1Fe. Metals, 2021, 11, 534.	2.3	20
6	Enhancing the figure of merit of n-type PbTe materials through multi-scale graphene induced interfacial engineering. Nano Today, 2021, 39, 101176.	11.9	20
7	Boosting the Loading of Metal Single Atoms via a Bioconcentration Strategy. Small, 2020, 16, e1905920.	10.0	40
8	Design of a 2 T Magnetic System Based on Storage Supercapacitor. IEEE Transactions on Magnetics, 2020, 56, 1-4.	2.1	0
9	A new design of divided solenoid with high homogeneity based on linear programming. Review of Scientific Instruments, 2020, 91, 014708.	1.3	0
10	Negative refraction inspired polariton lens in van der Waals lateral heterojunctions. Applied Physics Letters, 2019, 114, 221101.	3.3	8
11	Floral and lamellar europium(III)-based metal-organic frameworks as high sensitivity luminescence sensors for acetone. New Journal of Chemistry, 2019, 43, 8363-8369.	2.8	20
12	Facile Preparation of Micrometer KClO ₄ /Zr Energetic Composite Particles with Enhanced Light Radiation. Materials, 2019, 12, 199.	2.9	3
13	Synergistic tuning of carrier mobility, effective mass, and point defects scattering triggered high thermoelectric performance in n-type Ge-doped PbTe. Journal of Applied Physics, 2019, 125, 055104.	2.5	6
14	Ultrafast one-step synthesis of N and Ti ³⁺ codoped TiO ₂ nanosheets via energetic material deflagration. Nano Research, 2018, 11, 4735-4743.	10.4	18
15	Laser effects based optimal laser parameter identifications for paint removal from metal substrate at 1064 nm: a multi-pulse model. Journal of Modern Optics, 2017, 64, 1947-1959.	1.3	38
16	Capture of Cs ⁺ and Sr ²⁺ from Aqueous Solutions by Using Cr Doped TiO ₂ Nanotubes. Journal of Nanoscience and Nanotechnology, 2017, 17, 3943-3950.	0.9	6
17	Bottom-Up Fabrication of Single-Layered Nitrogen-Doped Graphene Quantum Dots through Intermolecular Carbonization Arrayed in a 2D Plane. Chemistry - A European Journal, 2016, 22, 272-278.	3.3	60
18	Core-Shell Al-Polytetrafluoroethylene (PTFE) Configurations to Enhance Reaction Kinetics and Energy Performance for Nanoenergetic Materials. Chemistry - A European Journal, 2016, 22, 279-284.	3.3	106

#	ARTICLE	IF	CITATIONS
19	One-step hydrothermal synthesis of iron and nitrogen co-doped TiO ₂ nanotubes with enhanced visible-light photocatalytic activity. CrystEngComm, 2015, 17, 8368-8376.	2.6	30
20	Highly porous titania network: fabrication, characterization and photocatalytic activity. Journal of Sol-Gel Science and Technology, 2013, 65, 287-295.	2.4	3
21	Optical properties of a nanomatch-like plasmonic structure. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2010, 27, 1783.	1.5	0