

# Xudong

## List of Publications by Year in descending order

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21  
papers

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citations

1040056

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794594

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docs citations

22  
times ranked

544  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Boosting the Loading of Metal Single Atoms via a Bioconcentration Strategy. Small, 2020, 16, e1905920.	10.0	40
4	Laser effects based optimal laser parameter identifications for paint removal from metal substrate at 1064Ånm: a multi-pulse model. Journal of Modern Optics, 2017, 64, 1947-1959.	1.3	38
5	One-step hydrothermal synthesis of iron and nitrogen co-doped TiO <sub>2</sub> nanotubes with enhanced visible-light photocatalytic activity. CrystEngComm, 2015, 17, 8368-8376.	2.6	30
6	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
7	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
8	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
9	Ultrafast one-step synthesis of N and Ti <sup>3+</sup> codoped TiO <sub>2</sub> nanosheets via energetic material deflagration. Nano Research, 2018, 11, 4735-4743.	10.4	18
10	Negative refraction inspired polariton lens in van der Waals lateral heterojunctions. Applied Physics Letters, 2019, 114, 221101.	3.3	8
11	Towards Power Scaling of Simple CW Ultraviolet via Pr: LiYF <sub>4</sub> -LBO Laser at 320 nm. IEEE Photonics Technology Letters, 2022, 34, 129-132.	2.5	8
12	Direct ink writing of high-performance Bi <sub>2</sub> Te <sub>3</sub> -based thermoelectric materials using quasi-inorganic inks and interface engineering. Journal of Materials Chemistry A, 2022, 10, 12921-12927.	10.3	8
13	Capture of Cs <sup>+</sup> and Sr <sup>2+</sup> from Aqueous Solutions by Using Cr Doped TiO <sub>2</sub> Nanotubes. Journal of Nanoscience and Nanotechnology, 2017, 17, 3943-3950.	0.9	6
14	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
15	Synthesis of ZnO and Cu-doped ZnO Nanocrystalline by Solution Combustion Method and Their Catalytic Effects on Thermal Behavior of KClO <sub>4</sub> . Combustion Science and Technology, 2021, 193, 75-89.	2.3	5
16	Highly porous titania network: fabrication, characterization and photocatalytic activity. Journal of Sol-Gel Science and Technology, 2013, 65, 287-295.	2.4	3
17	Facile Preparation of Micrometer KClO <sub>4</sub> /Zr Energetic Composite Particles with Enhanced Light Radiation. Materials, 2019, 12, 199.	2.9	3
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Design of a 2 T Magnetic System Based on Storage Supercapacitor. IEEE Transactions on Magnetics, 2020, 56, 1-4.	2.1	0
21	A new design of divided solenoid with high homogeneity based on linear programming. Review of Scientific Instruments, 2020, 91, 014708.	1.3	0