

# Xudong

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,677  
citations

394421

19  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Core-shell CoFe <sub>2</sub> O <sub>4</sub> @C nanoparticles coupled with rGO for strong wideband microwave absorption. Journal of Colloid and Interface Science, 2022, 607, 192-202.	9.4	71
2	Metal-organic framework-based materials for flexible supercapacitor application. Coordination Chemistry Reviews, 2022, 452, 214300.	18.8	112
3	Flexible N-doped carbon fibers decorated with Cu/Cu <sub>2</sub> O particles for excellent electromagnetic wave absorption. Journal of Colloid and Interface Science, 2022, 616, 347-359.	9.4	18
4	Composite solid electrolyte with Li <sup>+</sup> conducting 3D porous garnet-type framework for all-solid-state lithium batteries. Materials Chemistry Frontiers, 2022, 6, 1672-1680.	5.9	8
5	Microwave-assisted catalytic depolymerization of lignin from birch sawdust to produce phenolic monomers utilizing a hydrogen-free strategy. Journal of Hazardous Materials, 2021, 402, 123490.	12.4	27
6	Synthesis of covalently bonded reduced graphene oxide-Fe <sub>3</sub> O <sub>4</sub> nanocomposites for efficient electromagnetic wave absorption. Journal of Materials Science and Technology, 2021, 72, 93-103.	10.7	109
7	Polypyrrole-Based Composite Materials for Electromagnetic Wave Absorption. Polymer Reviews, 2021, 61, 646-687.	10.9	86
8	MoS <sub>2</sub> -Decorated/Integrated Carbon Fiber: Phase Engineering Well-Regulated Microwave Absorber. Nano-Micro Letters, 2021, 13, 114.	27.0	79
9	Inkjet Printing Transparent and Conductive MXene (Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> ) Films: A Strategy for Flexible Energy Storage Devices. ACS Applied Materials & Interfaces, 2021, 13, 17766-17780.	8.0	79
10	Floating Grain Formation and Macrosegregation in a 2024 Al Alloy Prepared by Hot-Top DC Casting with a 2024 Al Alloy Insert. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 3342-3352.	2.2	5
11	Unexpected Formation of Organic Siloxanes alongside Ethylphenols in the Catalytic Hydrogenation of Waste Enzymatic Lignin. Advanced Energy and Sustainability Research, 2021, 2, 2100059.	5.8	2
12	Enhanced electromagnetic wave absorption performance of core-shell Fe <sub>3</sub> O <sub>4</sub> @poly(3,4-ethylenedioxythiophene) microspheres/reduced graphene oxide composite. Carbon, 2021, 178, 273-284.	10.3	69
13	Excellent electromagnetic wave absorption properties of the ternary composite ZnFe <sub>2</sub> O <sub>4</sub> @PANI-rGO optimized by introducing covalent bonds. Composites Science and Technology, 2021, 210, 108801.	7.8	33
14	Syngas Production via CO <sub>2</sub> Reforming of Methane over Aluminum-Promoted NiO@10Al <sub>2</sub> O <sub>3</sub> @ZrO <sub>2</sub> Catalyst. ACS Omega, 2021, 6, 22383-22394.	3.5	5
15	Magnetic porous CoNi@C derived from bamboo fiber combined with metal-organic-framework for enhanced electromagnetic wave absorption. Journal of Colloid and Interface Science, 2021, 595, 78-87.	9.4	79
16	Broadband and multilayer core-shell FeCo@C@mSiO <sub>2</sub> nanoparticles for microwave absorption. Journal of Alloys and Compounds, 2020, 812, 152168.	5.5	38
17	Formation and in situ separation of oligomeric products from complete depolymerization of pubescens using a catalyst-free biphasic system. Cellulose, 2020, 27, 1951-1964.	4.9	7
18	Recent Advances in the Catalytic Depolymerization of Lignin towards Phenolic Chemicals: A Review. ChemSusChem, 2020, 13, 4296-4317.	6.8	207

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19	m7GPredictor: An improved machine learning-based model for predicting internal m7G modifications using sequence properties. <i>Analytical Biochemistry</i> , 2020, 609, 113905.	2.4	18
20	As-Cast Structure and Temperature Field of Direct-Chill Cast 2024 Alloy Ingot at Different Casting Speeds. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 6840-6848.	2.5	5
21	High thermal conductivity and low thermal expansion coefficient of isotropic graphite-reinforced aluminum matrix composites prepared by in situ curing of silicon aerogel. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9250-9259.	2.2	2
22	Core-Shell Co, Zn Bimetallic Selenide Embedded Nitrogen-Doped Carbon Polyhedral Frameworks Assist in Sodium-Ion Battery Ultralong Cycle. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8381-8390.	6.7	92
23	Synthesis of poly(phenylacetylene)s containing chiral phenylethyl carbamate residues as coated type CSPs with high solvent tolerability. <i>Chirality</i> , 2020, 32, 547-555.	2.6	3
24	Effect of the Intensity of Melt Shearing on the As Cast Structure of Direct Chill Cast 2024 Aluminum Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 5727-5733.	2.2	15
25	The 3D CoNi alloy particles embedded in N-doped porous carbon foams for high-performance microwave absorbers. <i>Carbon</i> , 2019, 152, 545-555.	10.3	211
26	Energy Consumption Optimization for Public Buildings by Using Data-driven Heuristic Dynamic Programming Algorithm. , 2019, , .		2
27	Design and microwave absorption properties of thistle-like CoNi enveloped in dielectric Ag decorated graphene composites. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 110-121.	9.4	100
28	Novel nanocomposites of cobalt ferrite covalently-grafted on graphene by amide bond as superior electromagnetic wave absorber. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 218-227.	9.4	51
29	Synthesis and Microwave Absorption Enhancement of CoNi@SiO <sub>2</sub> @C Hierarchical Structures. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 5507-5516.	3.7	72
30	Performances of Several Solvents on the Cleavage of Inter- and Intramolecular Linkages of Lignin in Corn cob Residue. <i>ChemSusChem</i> , 2018, 11, 1494-1504.	6.8	34
31	Effect of Tetrahydrofuran on the Solubilization and Depolymerization of Cellulose in a Biphasic System. <i>ChemSusChem</i> , 2018, 11, 397-405.	6.8	36
32	Aqueous Phase Selective Hydrogenation of Lignin-Derived Phenols to Cyclohexanols Over Pd/Al <sub>2</sub> O <sub>3</sub> . <i>Topics in Catalysis</i> , 0, , 1.	2.8	2