Xudong

List of Publications by Year
in descending order

32	1,677	394421 19	454955 30
papers	citations	h-index	g-index

32	32	32	1263
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	The 3D CoNi alloy particles embedded in N-doped porous carbon foams for high-performance microwave absorbers. Carbon, 2019, 152, 545-555.	10.3	211
2	Recent Advances in the Catalytic Depolymerization of Lignin towards Phenolic Chemicals: A Review. ChemSusChem, 2020, 13, 4296-4317.	6.8	207
3	Metal-organic framework-based materials for flexible supercapacitor application. Coordination Chemistry Reviews, 2022, 452, 214300.	18.8	112
4	Synthesis of covalently bonded reduced graphene oxide-Fe3O4 nanocomposites for efficient electromagnetic wave absorption. Journal of Materials Science and Technology, 2021, 72, 93-103.	10.7	109
5	Design and microwave absorption properties of thistle-like CoNi enveloped in dielectric Ag decorated graphene composites. Journal of Colloid and Interface Science, 2019, 534, 110-121.	9.4	100
6	Coreâ€œShell Co, Zn Bimetallic Selenide Embedded Nitrogen-Doped Carbon Polyhedral Frameworks Assist in Sodium-Ion Battery Ultralong Cycle. ACS Sustainable Chemistry and Engineering, 2020, 8, 8381-8390.	6.7	92
7	Polypyrrole-Based Composite Materials for Electromagnetic Wave Absorption. Polymer Reviews, 2021, 61, 646-687.	10.9	86
8	MoS2-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 (Ti₃C₂<i>T</i>_{<i>x</i>}) Films: A Strategy for Flexible Energy Storage Devices. ACS Applied Materials & Interfaces, 2021, 13, 17766-17780.	8.0	79
10	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
11	Synthesis and Microwave Absorption Enhancement of CoNi@SiO₂@C Hierarchical Structures. Industrial & Engineering Chemistry Research, 2018, 57, 5507-5516.	3.7	72
12	Core-shell CoFe2O4@C nanoparticles coupled with rGO for strong wideband microwave absorption. Journal of Colloid and Interface Science, 2022, 607, 192-202.	9.4	71
13	Enhanced electromagnetic wave absorption performance of core-shell Fe3O4@poly(3,4-ethylenedioxythiophene) microspheres/reduced graphene oxide composite. Carbon, 2021, 178, 273-284.	10.3	69
14	Novel nanocomposites of cobalt ferrite covalently-grafted on graphene by amide bond as superior electromagnetic wave absorber. Journal of Colloid and Interface Science, 2019, 540, 218-227.	9.4	51
15	Broadband and multilayer core-shell FeCo@C@mSiO2 nanoparticles for microwave absorption. Journal of Alloys and Compounds, 2020, 812, 152168.	5.5	38
16	Effect of Tetrahydrofuran on the Solubilization and Depolymerization of Cellulose in a Biphasic System. ChemSusChem, 2018, 11, 397-405.	6.8	36
17	Performances of Several Solvents on the Cleavage of Interâ€•and Intramolecular Linkages of Lignin in Corncob Residue. ChemSusChem, 2018, 11, 1494-1504.	6.8	34
18	Excellent electromagnetic wave absorption properties of the ternary composite ZnFe2O4@PANI-rGO optimized by introducing covalent bonds. Composites Science and Technology, 2021, 210, 108801.	7.8	33

#	Article	IF	Citations
19	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
20	m7GPredictor: An improved machine learning-based model for predicting internal m7G modifications using sequence properties. Analytical Biochemistry, 2020, 609, 113905.	2.4	18
21	Flexible N-doped carbon fibers decorated with Cu/Cu2O particles for excellent electromagnetic wave absorption. Journal of Colloid and Interface Science, 2022, 616, 347-359.	9.4	18
22	Effect of the Intensity of Melt Shearing on the As Cast Structure of Direct Chill Cast 2024 Aluminum Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 5727-5733.	2.2	15
23	Composite solid electrolyte with Li⁺ conducting 3D porous garnet-type framework for all-solid-state lithium batteries. Materials Chemistry Frontiers, 2022, 6, 1672-1680.	5.9	8
24	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
25	As-Cast Structure and Temperature Field of Direct-Chill Cast 2024 Alloy Ingot at Different Casting Speeds. Journal of Materials Engineering and Performance, 2020, 29, 6840-6848.	2.5	5
26	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
27	Syngas Production via CO2 Reforming of Methane over Aluminum-Promoted NiOâ€“10Al2O3â€“ZrO2 Catalyst. ACS Omega, 2021, 6, 22383-22394.	3.5	5
28	Synthesis of poly(phenylacetylene)s containing chiral phenylethyl carbamate residues as coatedâ€type CSPs with high solvent tolerability. Chirality, 2020, 32, 547-555.	2.6	3
29	Energy Consumption Optimization for Public Buildings by Using Data-driven Heuristic Dynamic Programming Algorithm. , 2019, , .		2
30	High thermal conductivity and low thermal expansion coefficientÂof isotropic graphite-reinforced aluminum matrix composites prepared by in situ curing of silicon aerogel. Journal of Materials Science: Materials in Electronics, 2020, 31, 9250-9259.	2.2	2
31	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
32	Aqueous Phase Selective Hydrogenation of Lignin-Derived Phenols to Cyclohexanols Over Pd/Î³-Al2O3. Topics in Catalysis, 0, , 1.	2.8	2