Yunchen Du

List of Publications by Year in Descending Order

146 papers	9,551 citations	53 h-index	95 g-index
155 ext. papers	11,989 ext. citations	8.3 avg, IF	6.66 L-index

#	Paper	IF	Citations
146	Crystalline-Amorphous Ni P O /NiMoO Nanoarrays for Alkaline Water Electrolysis: Enhanced Catalytic Activity via In Situ Surface Reconstruction.. *Small*, **2022**, e2105972	11	6
145	CdS@Polydopamine@SnO2-x sandwich structure with electrostatic repulsion effect and oxygen deficiency: enhanced photocatalytic hydrogen evolution activity and inhibited photo-corrosion. *Chemical Engineering Journal*, **2022**, 434, 134602	14.7	1
144	In-situ interstitial zinc doping-mediated efficient charge separation for ZnIn2S4 nanosheets visible-light photocatalysts towards optimized overall water splitting. *Chemical Engineering Journal*, **2022**, 435, 135074	14.7	2
143	Treatment of shale gas produced water by magnetic CuFeO/TNTs hybrid heterogeneous catalyzed ozone: Efficiency and mechanisms. *Journal of Hazardous Materials*, **2022**, 423, 127124	12.8	3
142	Fe3C/Fe nanoparticles decorated three-dimensional nitrogen-doped carbon foams for highly efficient bisphenol A removal through peroxymonosulfate activation. *Chemical Engineering Journal*, **2022**, 437, 135472	14.7	1
141	SnO2 shells-induced rich Co2+ sites and oxygen vacancies in FexCo3-xO4 nanocubes: Enhanced peroxymonosulfate activation performance for water remediation. *Chemical Engineering Journal*, **2022**, 439, 135682	14.7	2
140	Hierarchical carbon nanotubes@Ni/C foams for high-performance microwave absorption. *Carbon*, **2022**, 196, 867-876	10.4	2
139	Surface reconstruction of phosphorus-doped cobalt molybdate microarrays in electrochemical water splitting. *Chemical Engineering Journal*, **2022**, 446, 137094	14.7	3
138	Composition Optimization and Microstructure Design in MOFs-Derived Magnetic Carbon-Based Microwave Absorbers: A Review. *Nano-Micro Letters*, **2021**, 13, 208	19.5	21
137	A review on recent advances in carbon-based dielectric system for microwave absorption. *Journal of Materials Science*, **2021**, 56, 10782-10811	4.3	14
136	Porous cauliflower-like molybdenum disulfide/cadmium sulfide hybrid micro/nano structure: Enhanced visible light absorption ability and photocatalytic activity. *Journal of Colloid and Interface Science*, **2021**, 590, 352-364	9.3	2
135	Recent Advances in Plasmonic Nanostructures for Enhanced Photocatalysis and Electrocatalysis. *Advanced Materials*, **2021**, 33, e2000086	24	112
134	Phenolic resin reinforcement: A new strategy for hollow NiCo@C microboxes against electromagnetic pollution. *Carbon*, **2021**, 174, 673-682	10.4	25
133	Rationally designed hierarchical N-doped carbon nanotubes wrapping waxberry-like Ni@C microspheres for efficient microwave absorption. *Journal of Materials Chemistry A*, **2021**, 9, 5086-5096	13	51
132	O, S-Dual-Vacancy Defects Mediated Efficient Charge Separation in ZnInS/Black TiO Heterojunction Hollow Spheres for Boosting Photocatalytic Hydrogen Production. *ACS Applied Materials & Interfaces*, **2021**, 13, 37545-37552	9.5	10
131	A review of recent advancements in Ni-related materials used for microwave absorption. *Journal Physics D: Applied Physics*, **2021**, 54, 473003	3	0
130	Construction of core-shell ZnS@In2S3 rhombic dodecahedron Z-scheme heterojunction structure: Enhanced photocatalytic activity and mechanism insight. *Chemical Engineering Journal*, **2021**, 423, 130138	14.7	12

129	Polymer-bubbling for one-step synthesis of three-dimensional cobalt/carbon foams against electromagnetic pollution. *Journal of Materials Science and Technology*, **2021**, 93, 7-16	9.1	11
128	High-efficient electromagnetic absorption and composites of carbon microspheres. *Journal of Applied Physics*, **2021**, 130, 230902	2.5	2
127	Metal□Organic Frameworks Derived Interconnected Bimetallic Metaphosphate Nanoarrays for Efficient Electrocatalytic Oxygen Evolution. *Advanced Functional Materials*, **2020**, 30, 1910498	15.6	60
126	How to Reliably Report the Overpotential of an Electrocatalyst. *ACS Energy Letters*, **2020**, 5, 1083-1087	20.1	70
125	In-situ construction of Mo3S4/Cd0.5Zn0.5S heterojunction: An efficient and stable photocatalyst for H2 evolution. *International Journal of Hydrogen Energy*, **2020**, 45, 21014-21023	6.7	7
124	Enhanced degradation of 5-sulfosalicylic acid using peroxymonosulfate activated by ordered porous silica-confined Co3O4 prepared via a solvent-free confined space strategy. *Separation and Purification Technology*, **2020**, 249, 116972	8.3	13
123	In Situ Growth of Amorphous Fe(OH) on Nickel Nitrate Hydroxide Nanoarrays for Enhanced Electrocatalytic Oxygen Evolution. *ACS Applied Materials & Interfaces*, **2020**, 12, 12668-12676	9.5	23
122	TiO2-loaded epoxy resin with improved electrical characteristics as promising insulating materials. *Plastics, Rubber and Composites*, **2020**, 49, 179-186	1.5	2
121	Ternary Mo2C/Co/C composites with enhanced electromagnetic waves absorption. *Chemical Engineering Journal*, **2020**, 387, 124159	14.7	44
120	Development of 3-dimensional CoO catalysts with various morphologies for activation of Oxone to degrade 5-sulfosalicylic acid in water. *Science of the Total Environment*, **2020**, 724, 138032	10.2	6
119	A crystalline□amorphous Ni□Ni(OH)2 core□shell catalyst for the alkaline hydrogen evolution reaction. *Journal of Materials Chemistry A*, **2020**, 8, 23323-23329	13	31
118	MOFs-derived multi-chamber carbon microspheres with enhanced microwave absorption. *Carbon*, **2020**, 157, 478-485	10.4	89
117	Heterogeneous Interface Induced the Formation of Hierarchically Hollow Carbon Microcubes against Electromagnetic Pollution. *Small*, **2020**, 16, e2003407	11	68
116	Solvent-Free Synthesis of Ultrafine Tungsten Carbide Nanoparticles-Decorated Carbon Nanosheets for Microwave Absorption. *Nano-Micro Letters*, **2020**, 12, 153	19.5	53
115	Dual functions of glucose induced composition-controllable Co/C microspheres as high-performance microwave absorbing materials. *Carbon*, **2020**, 168, 404-414	10.4	42
114	Coordination polymer-derived porous Co3O4 nanosheet as an effective catalyst for activating peroxymonosulfate to degrade sulfosalicylic acid. *Applied Surface Science*, **2020**, 532, 147382	6.7	16
113	Cornstalk-derived macroporous carbon materials with enhanced microwave absorption. *Journal of Materials Science: Materials in Electronics*, **2020**, 1	2.1	3
112	Polydopamine Microsphere-Incorporated Electrospun Fibers as Novel Adsorbents for Dual-Responsive Adsorption of Methylene Blue. *ACS Applied Materials & Interfaces*, **2020**, 12, 49723-49736	9.5	17

111	Core-shell FeCo@carbon nanoparticles encapsulated in polydopamine-derived carbon nanocages for efficient microwave absorption. *Carbon*, **2019**, 145, 701-711	10.4	159
110	Enhanced degradation of paracetamol in water using sulfate radical-based advanced oxidation processes catalyzed by 3-dimensional Co3O4 nanoflower. *Chemical Engineering Journal*, **2019**, 373, 1329-1337	14.7	51
109	Magnetic cobalt-embedded carbon nitride composite derived from one-dimensional coordination polymer as an efficient catalyst for activating oxone to degrade methyltheobromine in water. *Science of the Total Environment*, **2019**, 678, 466-475	10.2	6
108	Fabrication of Three-Dimensional Flower-like Heterogeneous FeO/Fe Particles with Tunable Chemical Composition and Microwave Absorption Performance. *ACS Applied Materials & Interfaces*, **2019**, 11, 19267-19276	9.5	84
107	Synthesis of pomegranate-like Mo2C@C nanospheres for highly efficient microwave absorption. *Chemical Engineering Journal*, **2019**, 372, 312-320	14.7	85
106	Mixed Titanium Oxide Strategy for Enhanced Photocatalytic Hydrogen Evolution. *ACS Applied Materials & Interfaces*, **2019**, 11, 18475-18482	9.5	27
105	Waxberry-like hierarchical Ni@C microspheres with high-performance microwave absorption. *Journal of Materials Chemistry C*, **2019**, 7, 5037-5046	7.1	127
104	Cobalt-impregnated biochar produced from CO-mediated pyrolysis of Co/lignin as an enhanced catalyst for activating peroxymonosulfate to degrade acetaminophen. *Chemosphere*, **2019**, 226, 924-933	8.4	31
103	Ultrafine CoO nanoparticles as an efficient cocatalyst for enhanced photocatalytic hydrogen evolution. *Nanoscale*, **2019**, 11, 15633-15640	7.7	25
102	Space-Confined Synthesis of Core-Shell BaTiO@Carbon Microspheres as a High-Performance Binary Dielectric System for Microwave Absorption. *ACS Applied Materials & Interfaces*, **2019**, 11, 31182-31190	9.5	58
101	Polyaniline: A New Metal-Free Catalyst for Peroxymonosulfate Activation with Highly Efficient and Durable Removal of Organic Pollutants. *Environmental Science & Technology*, **2019**, 53, 9771-9780	10.3	85
100	Ru nanoassembly catalysts for hydrogen evolution and oxidation reactions in electrolytes at various pH values. *Applied Catalysis B: Environmental*, **2019**, 258, 117952	21.8	58
99	Understanding the Phase-Induced Electrocatalytic Oxygen Evolution Reaction Activity on FeOOH Nanostructures. *ACS Catalysis*, **2019**, 9, 10705-10711	13.1	113
98	MoP4 Nanoparticles as a Novel and Efficient Cocatalyst for Enhanced Photocatalytic Hydrogen Evolution. *ChemCatChem*, **2019**, 11, 6244-6251	5.2	7
97	Facile Synthesis of Yolk–Shell Mn3O4 Microspheres as a High-Performance Peroxymonosulfate Activator for Bisphenol A Degradation. *Industrial & Engineering Chemistry Research*, **2019**, 58, 21304-21311	3.9	14
96	Fabrication of uniform Ru-doped NiFeO nanosheets as an efficient hydrogen evolution electrocatalyst. *Chemical Communications*, **2019**, 55, 14649-14652	5.8	24
95	One-step synthesis of novel Fe3C@nitrogen-doped carbon nanotubes/graphene nanosheets for catalytic degradation of Bisphenol A in the presence of peroxymonosulfate. *Chemical Engineering Journal*, **2019**, 356, 1022-1031	14.7	102
94	Prussian Blue Microcrystals with Morphology Evolution as a High-Performance Photo-Fenton Catalyst for Degradation of Organic Pollutants. *ACS Applied Materials & Interfaces*, **2019**, 11, 1174-1184	9.5	28

93	Human-Hair-Derived N, S-Doped Porous Carbon: An Enrichment and Degradation System for Wastewater Remediation in the Presence of Peroxymonosulfate. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 2718-2727	8.3	81
92	Pea-like Fe/FeC Nanoparticles Embedded in Nitrogen-Doped Carbon Nanotubes with Tunable Dielectric/Magnetic Loss and Efficient Electromagnetic Absorption. *ACS Applied Materials & Interfaces*, **2019**, 11, 4268-4277	9.5	158
91	Hydrothermal synthesis of ternary MoS2xSe2(1−x) nanosheets for electrocatalytic hydrogen evolution. *Inorganic Chemistry Frontiers*, **2018**, 5, 1386-1390	6.8	14
90	Unraveling the Raman Enhancement Mechanism on 1T′-Phase ReS Nanosheets. *Small*, **2018**, 14, e1704079	11	56
89	Preparation of reduced graphene oxide coated flaky carbonyl iron composites and their excellent microwave absorption properties.. *RSC Advances*, **2018**, 8, 2971-2977	3.7	22
88	Microwave absorption performance of in situ synthesized Fe3O4-SiO2 hybrid fibres with enhanced environmental stability. *Ceramics International*, **2018**, 44, 6673-6680	5.1	10
87	Degradation of shale gas produced water by magnetic porous MFe2O4 (M = Cu, Ni, Co and Zn) heterogeneous catalyzed ozone. *Chemical Engineering Journal*, **2018**, 345, 98-106	14.7	39
86	Conjugated polymer-mediated synthesis of sulfur- and nitrogen-doped carbon nanotubes as efficient anode materials for sodium ion batteries. *Nano Research*, **2018**, 11, 2573-2585	10	34
85	Surface functionalization of carbonyl iron with aluminum phosphate coating toward enhanced anti-oxidative ability and microwave absorption properties. *Applied Surface Science*, **2018**, 427, 594-602	6.7	37
84	Facile synthesis of 3D flower-like Ni microspheres with enhanced microwave absorption properties. *Journal of Materials Chemistry C*, **2018**, 6, 9615-9623	7.1	74
83	Anion-Induced Size Selection of β-Mo2C Supported on Nitrogen-Doped Carbon Nanotubes for Electrocatalytic Hydrogen Evolution. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 11922-11929	8.3	25
82	Template synthesis of nitrogen-doped carbon nanocages encapsulated carbon nanobubbles as catalyst for activation of peroxymonosulfate. *Inorganic Chemistry Frontiers*, **2018**, 5, 1849-1860	6.8	33
81	Pearson's principle-inspired strategy for the synthesis of amorphous transition metal hydroxide hollow nanocubes for electrocatalytic oxygen evolution. *Materials Chemistry Frontiers*, **2018**, 2, 1523-1528	7.8	16
80	Non-radical-dominated catalytic degradation of bisphenol A by ZIF-67 derived nitrogen-doped carbon nanotubes frameworks in the presence of peroxymonosulfate. *Chemical Engineering Journal* , **2018**, 336, 721-731	14.7	209
79	Cobalt-embedded carbon nanofiber derived from a coordination polymer as a highly efficient heterogeneous catalyst for activating oxone in water. *Chemosphere*, **2018**, 195, 272-281	8.4	24
78	Prussian blue analogues derived magnetic FeCo alloy/carbon composites with tunable chemical composition and enhanced microwave absorption. *Journal of Colloid and Interface Science*, **2018**, 514, 10-20	9.3	162
77	Prussian blue analogues derived porous nitrogen-doped carbon microspheres as high-performance metal-free peroxymonosulfate activators for non-radical-dominated degradation of organic pollutants. *Journal of Materials Chemistry A*, **2018**, 6, 884-895	13	157
76	Homogeneous Metal Nitrate Hydroxide Nanoarrays Grown on Nickel Foam for Efficient Electrocatalytic Oxygen Evolution. *Small*, **2018**, 14, e1803783	11	28

75	Phase transition induced Raman enhancement on vanadium dioxide (VO2) nanosheets. *Journal of Materials Chemistry C*, **2018**, 6, 10855-10860	7.1	20
74	Fabrication of PPy Nanosphere/rGO Composites via a Facile Self-Assembly Strategy for Durable Microwave Absorption. *Polymers*, **2018**, 10,	4.5	10
73	Ultrasmall Mo2C Nanoparticle-Decorated Carbon Polyhedrons for Enhanced Microwave Absorption. *ACS Applied Nano Materials*, **2018**, 1, 5366-5376	5.6	60
72	Cobalt ferrite nanoparticles supported on electrospun carbon fiber as a magnetic heterogeneous catalyst for activating peroxymonosulfate. *Chemosphere*, **2018**, 208, 502-511	8.4	53
71	MOFs-Derived Hollow Co/C Microspheres with Enhanced Microwave Absorption Performance. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 8904-8913	8.3	170
70	Nitrogen, phosphorus, and sulfur tri-doped hollow carbon shells derived from ZIF-67@poly (cyclotriphosphazene-co-4, 4?-sulfonyldiphenol) as a robust catalyst of peroxymonosulfate activation for degradation of bisphenol A. *Carbon*, **2018**, 137, 291-303	10.4	76
69	Highly Efficient Visible-Light-Driven Photocatalytic Hydrogen Production on CdS/CuS/g-CN Ternary Heterostructures. *ACS Applied Materials & Interfaces*, **2018**, 10, 20404-20411	9.5	104
68	Reduced graphene oxide decorated with carbon nanopolyhedrons as an efficient and lightweight microwave absorber. *Journal of Colloid and Interface Science*, **2018**, 528, 174-183	9.3	53
67	Synthesis and microwave absorption enhancement of yolk□shell Fe3O4@C microspheres. *Journal of Materials Science*, **2017**, 52, 6349-6361	4.3	66
66	ZIF-8 derived nitrogen-doped porous carbon as metal-free catalyst of peroxymonosulfate activation. *Environmental Science and Pollution Research*, **2017**, 24, 16276-16288	5.1	40
65	Fabrication of H-TiO2/CdS/Cu2-xS Ternary Heterostructures for Enhanced Photocatalytic Hydrogen Production. *ChemistrySelect*, **2017**, 2, 2681-2686	1.8	8
64	Rational design and synthesis of SnO 2 -encapsulated □Fe 2 O 3 nanocubes as a robust and stable photo-Fenton catalyst. *Applied Catalysis B: Environmental*, **2017**, 210, 23-33	21.8	54
63	Differential shrinkage induced formation of yolk-shell carbon microspheres toward enhanced microwave absorption. *Applied Physics Letters*, **2017**, 111, 133103	3.4	20
62	Performance Vs Convenience of Magnetic Carbon-Metal Nanocomposites: A Low-Cost and Facile Citrate-Derived Strategy for Feco Alloy/Carbon Composites with High-Performance Microwave Absorption. *Comments on Inorganic Chemistry*, **2017**, 37, 301-326	3.9	11
61	Ultrasmall MnO Nanoparticles Supported on Nitrogen-Doped Carbon Nanotubes as Efficient Anode Materials for Sodium Ion Batteries. *ACS Applied Materials & Interfaces*, **2017**, 9, 38401-38408	9.5	51
60	Conjugated polymer-mediated synthesis of nitrogen-doped carbon nanoribbons for oxygen reduction reaction. *Carbon*, **2017**, 124, 630-636	10.4	35
59	CoMoO4 as a novel heterogeneous catalyst of peroxymonosulfate activation for the degradation of organic dyes. *RSC Advances*, **2017**, 7, 36193-36200	3.7	41
58	FeCo alloy nanoparticles supported on ordered mesoporous carbon for enhanced microwave absorption. *Journal of Materials Science*, **2017**, 52, 13636-13649	4.3	52

57	Precursor-directed synthesis of porous cobalt assemblies with tunable close-packed hexagonal and face-centered cubic phases for the effective enhancement in microwave absorption. *Journal of Materials Science*, **2017**, 52, 4399-4411	4.3	24
56	Rational design of core-shell Co@C microspheres for high-performance microwave absorption. *Carbon*, **2017**, 111, 722-732	10.4	493
55	Recent Advances in Conjugated Polymer-Based Microwave Absorbing Materials. *Polymers*, **2017**, 9,	4.5	68
54	Bifunctional Nitrogen-Doped Microporous Carbon Microspheres Derived from Poly(o-methylaniline) for Oxygen Reduction and Supercapacitors. *ACS Applied Materials & Interfaces*, **2016**, 8, 3601-8	9.5	75
53	Ti-containing hierarchical Beta with highly active sites for deep desulfurization of fuels under mild conditions. *Catalysis Science and Technology*, **2016**, 6, 7615-7622	5.5	45
52	Galvanic replacement mediated synthesis of rGO□Mn3O4□Pt nanocomposites for the oxygen reduction reaction. *RSC Advances*, **2016**, 6, 89124-89129	3.7	9
51	Site-Selective Chlorination of Graphene through Laser-Induced In Situ Decomposition of AgCl Nanoparticles. *ChemNanoMat*, **2016**, 2, 515-519	3.5	3
50	Interfacially Engineered Sandwich-Like rGO/Carbon Microspheres/rGO Composite as an Efficient and Durable Microwave Absorber. *Advanced Materials Interfaces*, **2016**, 3, 1500684	4.6	107
49	Degradation of organic pollutants by NiFe2O4/peroxymonosulfate: efficiency, influential factors and catalytic mechanism. *RSC Advances*, **2016**, 6, 11040-11048	3.7	62
48	Rational design of yolk-shell C@C microspheres for the effective enhancement in microwave absorption. *Carbon*, **2016**, 98, 599-606	10.4	209
47	Magnetic CoFe2O4 nanoparticles supported on titanate nanotubes (CoFe2O4/TNTs) as a novel heterogeneous catalyst for peroxymonosulfate activation and degradation of organic pollutants. *Journal of Hazardous Materials*, **2016**, 308, 58-66	12.8	268
46	Heteroatom-Doped Carbon Nanostructures Derived from Conjugated Polymers for Energy Applications. *Polymers*, **2016**, 8,	4.5	31
45	Ultrafast Surface-Plasmon-Induced Photodimerization of p-Aminothiophenol on Ag/TiO2 Nanoarrays. *ChemCatChem*, **2016**, 8, 1819-1824	5.2	37
44	In Situ Raman Monitoring of Silver(I)-Aided Laser-Driven Cleavage Reaction of Cyclobutane. *ChemPhysChem*, **2016**, 17, 46-50	3.2	3
43	Electromagnetic functionalized Co/C composites by in situ pyrolysis of metal-organic frameworks (ZIF-67). *Journal of Alloys and Compounds*, **2016**, 681, 384-393	5.7	177
42	Gamma irradiation induced synthesis of electromagnetic functionalized aligned CoxNi1□ alloy nanobundles. *RSC Advances*, **2016**, 6, 72263-72268	3.7	7
41	An in situ SERS study of substrate-dependent surface plasmon induced aromatic nitration. *Journal of Materials Chemistry C*, **2015**, 3, 5285-5291	7.1	21
40	Metal organic framework-derived Fe/C nanocubes toward efficient microwave absorption. *Journal of Materials Chemistry A*, **2015**, 3, 13426-13434	13	424

39	Constructing Uniform Core-Shell PPy@PANI Composites with Tunable Shell Thickness toward Enhancement in Microwave Absorption. *ACS Applied Materials & Interfaces*, **2015**, 7, 20090-9	9.5	343
38	Fe3+-Exchanged Titanate Nanotubes: A New Kind of Highly Active Heterogeneous Catalyst for Friedel-Crafts Type Benzylation. *Journal of Nanomaterials*, **2015**, 2015, 1-9	3.2	2
37	Irradiation induced one-step synthesis of electromagnetic functionalized reduced graphene oxide–Ni nanocomposites. *RSC Advances*, **2014**, 4, 30467-30470	3.7	30
36	Chemical deposition of Ag nanostructures on polypyrrole films as active SERS substrates. *RSC Advances*, **2014**, 4, 7202	3.7	11
35	Shell thickness-dependent microwave absorption of core-shell Fe3O4@C composites. *ACS Applied Materials & Interfaces*, **2014**, 6, 12997-3006	9.5	700
34	Multifunctional polymer-metal nanocomposites via direct chemical reduction by conjugated polymers. *Chemical Society Reviews*, **2014**, 43, 1349-60	58.5	159
33	Precursor-directed synthesis of quasi-spherical barium ferrite particles with good dispersion and magnetic properties. *CrystEngComm*, **2013**, 15, 808-815	3.3	27
32	Fabrication of thorny Au nanostructures on polyaniline surfaces for sensitive surface-enhanced Raman spectroscopy. *ACS Applied Materials & Interfaces*, **2013**, 5, 49-54	9.5	43
31	Amino Acid-Assisted Synthesis of Hierarchical Silver Microspheres for Single Particle Surface-Enhanced Raman Spectroscopy. *Journal of Physical Chemistry C*, **2013**, 117, 10007-10012	3.8	53
30	Synthesis and characterization of polyaniline nanoparticles with enhanced microwave absorption. *RSC Advances*, **2013**, 3, 12694	3.7	105
29	Microwave absorption enhancement of Fe3O4/polyaniline core/shell hybrid microspheres with controlled shell thickness. *Journal of Applied Polymer Science*, **2013**, 130, 1909-1916	2.9	118
28	Solvothermal Synthesis and Magnetic Properties of La-Substituted Barium Ferrite. *Chemistry Letters*, **2012**, 41, 209-211	1.7	4
27	Highly sensitive surface-enhanced Raman spectroscopy (SERS) platforms based on silver nanostructures fabricated on polyaniline membrane surfaces. *ACS Applied Materials & Interfaces*, **2012**, 4, 2752-6	9.5	91
26	Synthesis of electromagnetic functionalized Fe3O4 microspheres/polyaniline composites by two-step oxidative polymerization. *Journal of Physical Chemistry B*, **2012**, 116, 9523-31	3.4	142
25	The electromagnetic properties and microwave absorption of mesoporous carbon. *Materials Chemistry and Physics*, **2012**, 135, 884-891	4.4	164
24	Fast fabrication of homogeneous silver nanostructures on hydrazine treated polyaniline films for SERS applications. *CrystEngComm*, **2012**, 14, 4952	3.3	17
23	Response to Comment on The electromagnetic property of chemically reduced graphene oxide and its application as microwave absorbing material[Appl. Phys. Lett. 100, 046101 (2012)]. *Applied Physics Letters*, **2012**, 100, 046102	3.4	9
22	The electromagnetic property of chemically reduced graphene oxide and its application as microwave absorbing material. *Applied Physics Letters*, **2011**, 98, 072906	3.4	520

21	Synthesis and characterization of Co□n substituted barium ferrite particles by a reverse microemulsion technique. *Materials Research Bulletin*, **2011**, 46, 643-648	5.1	48
20	Magnetic and electromagnetic properties of composites of iron oxide and Co□ alloy prepared by chemical reduction. *Journal of Magnetism and Magnetic Materials*, **2011**, 323, 14-21	2.8	20
19	Controlled Synthesis and Morphology-Dependent Electromagnetic Properties of Hierarchical Cobalt Assemblies. *Journal of Physical Chemistry C*, **2010**, 114, 14826-14830	3.8	186
18	Pure carbon microwave absorbers from anion-exchange resin pyrolysis. *Synthetic Metals*, **2010**, 160, 2191-2196	3.8	41
17	Controlled Synthesis of Hierarchical Nickel and Morphology-Dependent Electromagnetic Properties. *Journal of Physical Chemistry C*, **2010**, 114, 3196-3203	3.8	186
16	Surfactant-Assisted Solvothermal Synthesis of Ba(CoTi)xFe12□xO19 Nanoparticles and Enhancement in Microwave Absorption Properties of Polyaniline. *Journal of Physical Chemistry C*, **2010**, 114, 19600-19606	3.8	94
15	Solvent-free synthesis of hexagonal barium ferrite (BaFe12O19) particles. *Journal of Materials Science*, **2010**, 45, 2442-2448	4.3	32
14	Urea-assisted synthesis of hydrothermally stable Zr-SBA-15 and catalytic properties over their sulfated samples. *Microporous and Mesoporous Materials*, **2009**, 121, 185-193	5.3	46
13	Synthesis of Sulfated Silica-Doped Tin Oxides and Their High Activities in Transesterification. *Catalysis Letters*, **2008**, 124, 133-138	2.8	15
12	Ordered mesoporous silica materials (SBA-15) with good heat-resistant magnetism. *Journal of Magnetism and Magnetic Materials*, **2008**, 320, 1932-1936	2.8	14
11	Highly efficient synthesis of Fe-containing mesoporous materials by using semi-fluorinated surfactant and their high activities in Friedel□rafts alkylations. *Catalysis Today*, **2008**, 131, 70-75	5.3	23
10	The search of promoters for silica condensation and rational synthesis of hydrothermally stable and well ordered mesoporous silica materials with high degree of silica condensation at conventional temperature. *Microporous and Mesoporous Materials*, **2008**, 112, 225-234	5.3	33
9	Mesoporous aluminophosphates and Fe-aluminophosphates with highly thermal stability and large surface area templated from semi-fluorinated surfactant. *Microporous and Mesoporous Materials*, **2008**, 114, 250-256	5.3	10
8	Ordered mesoporous silica-based materials with very high content of substituted heteroatoms from a pH-adjustor of urea. *Studies in Surface Science and Catalysis*, **2007**, 170, 1734-1739	1.8	5
7	Design and Size Control of Uniform Zeolite Nanocrystals Synthesized in Adjustable Confined Voids Formed by Recyclable Monodisperse Polymer Spheres. *Angewandte Chemie*, **2006**, 118, 5860-5860	3.6	
6	Ordered mesoporous sulfated silica-zirconia materials with high zirconium contents in the structure. *Journal of Porous Materials*, **2006**, 13, 163-171	2.4	28
5	Mesostructured Sulfated Tin Oxide and its High Catalytic Activity in Esterification and Friedel□rafts Acylation. *Catalysis Letters*, **2006**, 108, 155-158	2.8	18
4	Solvent-free preparation of nanosized sulfated zirconia with Br□sted acidic sites from a simple calcination. *Journal of Physical Chemistry B*, **2005**, 109, 2567-72	3.4	113

3	Design and Size Control of Uniform Zeolite Nanocrystals Synthesized in Adjustable Confined Voids Formed by Recyclable Monodisperse Polymer Spheres. *Angewandte Chemie*, **2005**, 117, 2619-2624	3.6	1
2	Anchoring porous carbon nanoparticles on carbon nanotubes as a high-performance composite with a unique core-sheath structure for electromagnetic pollution precaution. *Journal of Materials Chemistry A*,	13	11
1	Cotton cloth supported tungsten carbide/carbon nanocomposites as a Janus film for solar driven interfacial water evaporation. *Journal of Materials Chemistry A*,	13	5