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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

350 papers	22,536 citations	79 h-index	139 g-index
351 ext. papers	24,512 ext. citations	6.2 avg, IF	7.33 L-index

#	Paper	IF	Citations
350	Graphene oxide--MnO ₂ nanocomposites for supercapacitors. <i>ACS Nano</i> , 2010 , 4, 2822-30	16.7	1802
349	GrapheneMetal Particle Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 19841-19845	3.8	1368
348	Graphene oxide doped polyaniline for supercapacitors. <i>Electrochemistry Communications</i> , 2009 , 11, 1158-1161	11.61	702
347	A nanostructured graphene/polyaniline hybrid material for supercapacitors. <i>Nanoscale</i> , 2010 , 2, 2164-70	7.7	536
346	Effect of graphene oxide on the properties of its composite with polyaniline. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 821-8	9.5	531
345	Magnetically Separable ZnFe ₂ O ₄ /Graphene Catalyst and its High Photocatalytic Performance under Visible Light Irradiation. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 7210-7218	3.9	458
344	Recent progress on carbon-based support materials for electrocatalysts of direct methanol fuel cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 6266-6291	13	393
343	Pt-decorated 3D architectures built from graphene and graphitic carbon nitride nanosheets as efficient methanol oxidation catalysts. <i>Advanced Materials</i> , 2014 , 26, 5160-5	24	304
342	One-Step Synthesis of GrapheneCobalt Hydroxide Nanocomposites and Their Electrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 11829-11834	3.8	293
341	Combination of cobalt ferrite and graphene: High-performance and recyclable visible-light photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2012 , 111-112, 280-287	21.8	288
340	Fabrication of flexible metal-nanoparticle films using graphene oxide sheets as substrates. <i>Small</i> , 2009 , 5, 2212-7	11	287
339	Deposition of Co ₃ O ₄ nanoparticles onto exfoliated graphite oxide sheets. <i>Journal of Materials Chemistry</i> , 2008 , 18, 5625		270
338	One step synthesis of oxygen doped porous graphitic carbon nitride with remarkable improvement of photo-oxidation activity: Role of oxygen on visible light photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2017 , 206, 319-327	21.8	262
337	Experimental and density functional studies on 4-(3,4-dihydroxybenzylideneamino)antipyrine, and 4-(2,3,4-trihydroxybenzylideneamino)antipyrine. <i>Computational and Theoretical Chemistry</i> , 2009 , 904, 74-82		255
336	Improved thermal conductivity of epoxy composites using a hybrid multi-walled carbon nanotube/micro-SiC filler. <i>Carbon</i> , 2010 , 48, 1171-1176	10.4	224
335	A g-C ₃ N ₄ /CdS composite catalyst with high visible-light-driven catalytic activity and photostability for methylene blue degradation. <i>Applied Surface Science</i> , 2014 , 295, 164-172	6.7	209
334	Preparation and Characterization of Mesoporous Zirconia Made by Using a Poly (methyl methacrylate) Template. <i>Nanoscale Research Letters</i> , 2008 , 3, 118-22	5	202

333	Reduction of nitrophenols to aminophenols under concerted catalysis by Au/g-C ₃ N ₄ contact system. <i>Applied Catalysis B: Environmental</i> , 2017 , 202, 430-437	21.8	198
332	Design and synthesis of ternary cobalt ferrite/graphene/polyaniline hierarchical nanocomposites for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2014 , 245, 937-946	8.9	196
331	Hydrogenation of nitrophenols catalyzed by carbon black-supported nickel nanoparticles under mild conditions. <i>Applied Catalysis B: Environmental</i> , 2016 , 180, 408-415	21.8	193
330	Fabrication of a graphene/cuprous oxide composite. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 2486-2490	3.3	191
329	One-step synthesis of CoMoO ₄ /graphene composites with enhanced electrochemical properties for supercapacitors. <i>Electrochimica Acta</i> , 2013 , 99, 253-261	6.7	190
328	Synthesis of amphiphilic graphite oxide. <i>Carbon</i> , 2008 , 46, 386-389	10.4	187
327	Sulfur-doped g-C ₃ N ₄ nanosheets with carbon vacancies: General synthesis and improved activity for simulated solar-light photocatalytic nitrogen fixation. <i>Chemical Engineering Journal</i> , 2018 , 353, 147-156	14.7	179
326	Nanostructured ternary composites of graphene/Fe ₂ O ₃ /polyaniline for high-performance supercapacitors. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16844		178
325	Ag/g-C ₃ N ₄ catalyst with superior catalytic performance for the degradation of dyes: a borohydride-generated superoxide radical approach. <i>Nanoscale</i> , 2015 , 7, 13723-33	7.7	176
324	CoFe ₂ O ₄ -graphene nanocomposite as a high-capacity anode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2012 , 83, 166-174	6.7	173
323	Copper Ferrite-Graphene Hybrid: A Multifunctional Heteroarchitecture for Photocatalysis and Energy Storage. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 11700-11709	3.9	166
322	Graphene/SnO ₂ /polypyrrole ternary nanocomposites as supercapacitor electrode materials. <i>RSC Advances</i> , 2012 , 2, 10268	3.7	164
321	Covalently coupled hybrid of graphitic carbon nitride with reduced graphene oxide as a superior performance lithium-ion battery anode. <i>Nanoscale</i> , 2014 , 6, 12555-64	7.7	163
320	BiVO ₄ /graphene catalyst and its high photocatalytic performance under visible light irradiation. <i>Materials Chemistry and Physics</i> , 2011 , 131, 325-330	4.4	163
319	High Photocatalytic Activity of Magnetically Separable Manganese Ferrite/Graphene Heteroarchitectures. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 725-731	3.9	157
318	Shape-Controlled Synthesis of One-Dimensional MnO ₂ via a Facile Quick-Precipitation Procedure and its Electrochemical Properties. <i>Crystal Growth and Design</i> , 2009 , 9, 4356-4361	3.5	157
317	Decorating graphene oxide with CuO nanoparticles in a water-isopropanol system. <i>Nanoscale</i> , 2010 , 2, 988-94	7.7	153
316	Cobalt ferrite/polyaniline heteroarchitecture: a magnetically recyclable photocatalyst with highly enhanced performances. <i>Journal of Materials Chemistry</i> , 2012 , 22, 17485		152

315	Pd nanoparticles supported on low-defect graphene sheets: for use as high-performance electrocatalysts for formic acid and methanol oxidation. <i>Journal of Materials Chemistry</i> , 2012 , 22, 22533		149
314	Excitation profile of surface-enhanced Raman scattering in graphene-metal nanoparticle based derivatives. <i>Nanoscale</i> , 2010 , 2, 1461-6	7.7	148
313	Catalytic hydrogenation of nitrophenols and nitrotoluenes over a palladium/graphene nanocomposite. <i>Catalysis Science and Technology</i> , 2014 , 4, 1742-1748	5.5	145
312	Graphene nanoplate-Pt composite as a high performance electrocatalyst for direct methanol fuel cells. <i>Journal of Power Sources</i> , 2012 , 204, 46-52	8.9	145
311	Reduced-graphene oxide/molybdenum oxide/polyaniline ternary composite for high energy density supercapacitors: Synthesis and properties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 8314		145
310	Bacterial cellulose/TiO ₂ hybrid nanofibers prepared by the surface hydrolysis method with molecular precision. <i>Nanoscale</i> , 2010 , 2, 287-92	7.7	138
309	Chemically integrated two-dimensional hybrid zinc manganate/graphene nanosheets with enhanced lithium storage capability. <i>ACS Nano</i> , 2014 , 8, 8610-6	16.7	137
308	Ternary manganese ferrite/graphene/polyaniline nanostructure with enhanced electrochemical capacitance performance. <i>Journal of Power Sources</i> , 2014 , 266, 384-392	8.9	137
307	Nickel ferrite/graphene heteroarchitectures: Toward high-performance anode materials for lithium-ion batteries. <i>Journal of Power Sources</i> , 2012 , 213, 338-342	8.9	129
306	Reduced graphene oxide decorated with CuO/ZnO hetero-junctions: towards high selective gas-sensing property to acetone. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18635-18643	13	125
305	Optimizing Hybridization of 1T and 2H Phases in MoS ₂ Monolayers to Improve Capacitances of Supercapacitors. <i>Materials Research Letters</i> , 2015 , 3, 177-183	7.4	121
304	Green Suzuki-Miyaura coupling reaction catalyzed by palladium nanoparticles supported on graphitic carbon nitride. <i>Applied Catalysis B: Environmental</i> , 2015 , 165, 661-667	21.8	121
303	Novel PEG functionalized graphene nanosheets: enhancement of dispersibility and thermal stability. <i>Nanoscale</i> , 2011 , 3, 2169-74	7.7	117
302	Palladium nanoparticles supported on graphitic carbon nitride-modified reduced graphene oxide as highly efficient catalysts for formic acid and methanol electrooxidation. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 19084-19094	13	113
301	Preparation and performance of NiCo ₂ O ₄ nanowires-loaded graphene as supercapacitor material. <i>Materials Letters</i> , 2013 , 98, 164-167	3.3	110
300	Multi-walled carbon nanotubes supported nickel ferrite: A magnetically recyclable photocatalyst with high photocatalytic activity on degradation of phenols. <i>Chemical Engineering Journal</i> , 2012 , 195-196, 149-157	14.7	109
299	Hydrothermal preparation of Co ₃ O ₄ @graphene nanocomposite for supercapacitor with enhanced capacitive performance. <i>Materials Letters</i> , 2012 , 82, 61-63	3.3	108
298	Fabrication of an exfoliated graphitic carbon nitride as a highly active visible light photocatalyst. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 24237-24244	13	108

297	Graphene nanoplate-MnO ₂ composites for supercapacitors: a controllable oxidation approach. <i>Nanoscale</i> , 2011 , 3, 3185-91	7.7	107
296	From graphene to metal oxide nanolamellas: a phenomenon of morphology transmission. <i>ACS Nano</i> , 2010 , 4, 6212-8	16.7	107
295	Ternary nitrogen-doped graphene/nickel ferrite/polyaniline nanocomposites for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2014 , 269, 250-259	8.9	106
294	Acetate anion-intercalated nickel-cobalt layered double hydroxide nanosheets supported on Ni foam for high-performance supercapacitors with excellent long-term cycling stability. <i>Electrochimica Acta</i> , 2017 , 236, 18-27	6.7	101
293	Graphene anchored with ZnFe ₂ O ₄ nanoparticles as a high-capacity anode material for lithium-ion batteries. <i>Solid State Sciences</i> , 2013 , 17, 67-71	3.4	100
292	Morphology-controlled fabrication of sulfonated graphene/polyaniline nanocomposites by liquid/liquid interfacial polymerization and investigation of their electrochemical properties. <i>Nano Research</i> , 2011 , 4, 323-333	10	99
291	Experimental and density functional studies on 4-(4-cyanobenzylideneamino)antipyrine. <i>Molecular Physics</i> , 2009 , 107, 223-235	1.7	99
290	Preparation and electrochemical properties of mesoporous Co ₃ O ₄ crater-like microspheres as supercapacitor electrode materials. <i>Current Applied Physics</i> , 2010 , 10, 1422-1426	2.6	96
289	Recent advances on multi-component hybrid nanostructures for electrochemical capacitors. <i>Journal of Power Sources</i> , 2015 , 294, 31-50	8.9	94
288	Formation of WO ₃ nanotube-based bundles directed by NaHSO ₄ and its application in water treatment. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 1246-1253	13	93
287	Yolk-shell-structured MnO ₂ microspheres with oxygen vacancies for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1601-1611	13	92
286	Photo degradation of methyl orange by attapulgite-SnO ₂ -TiO ₂ nanocomposites. <i>Journal of Hazardous Materials</i> , 2009 , 171, 294-300	12.8	92
285	Cobalt Sulfide/Graphene Composite Hydrogel as Electrode for High-Performance Pseudocapacitors. <i>Scientific Reports</i> , 2016 , 6, 21717	4.9	91
284	Green synthesis of graphene oxide sheets decorated by silver nanoprisms and their anti-bacterial properties. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1181-6	4.2	91
283	Strongly coupled manganese ferrite/carbon black/polyaniline hybrid for low-cost supercapacitors with high rate capability. <i>Electrochimica Acta</i> , 2015 , 185, 218-228	6.7	89
282	Nitrogen photofixation by ultrathin amine-functionalized graphitic carbon nitride nanosheets as a gaseous product from thermal polymerization of urea. <i>Applied Catalysis B: Environmental</i> , 2018 , 224, 222-229	21.8	89
281	Graphene-based 3D composite hydrogel by anchoring Co ₃ O ₄ nanoparticles with enhanced electrochemical properties. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 12940-5	3.6	87
280	Design and fabrication of highly open nickel cobalt sulfide nanosheets on Ni foam for asymmetric supercapacitors with high energy density and long cycle-life. <i>Journal of Power Sources</i> , 2018 , 378, 31-39	8.9	87

- 279 Two-dimensional nanosheets based Li-ion full batteries with high rate capability and flexibility. *Nano Energy*, **2015**, 12, 816-823 17.1 86
- 278 Fabrication of a low defect density graphene-nickel hydroxide nanosheet hybrid with enhanced electrochemical performance. *Nano Research*, **2012**, 5, 11-19 10 84
- 277 Graphene-supported nickel ferrite: A magnetically separable photocatalyst with high activity under visible light. *AIChE Journal*, **2012**, 58, 3298-3305 3.6 84
- 276 Depositing ZnO nanoparticles onto graphene in a polyol system. *Materials Chemistry and Physics*, **2011**, 125, 617-620 4.4 84
- 275 One-pot synthesis of graphene/SnO₂/PEDOT ternary electrode material for supercapacitors. *Electrochimica Acta*, **2013**, 108, 118-126 6.7 83
- 274 Fe₃O₄/carbon core-shell nanotubes as promising anode materials for lithium-ion batteries. *Journal of Power Sources*, **2013**, 241, 486-493 8.9 82
- 273 Synthesis and characterization of graphene paper with controllable properties via chemical reduction. *Journal of Materials Chemistry*, **2011**, 21, 14631 80
- 272 Recent advances in graphene-based hybrid nanostructures for electrochemical energy storage. *Nanoscale Horizons*, **2016**, 1, 340-374 10.8 79
- 271 Self-assembled carbon nitride for photocatalytic hydrogen evolution and degradation of p-nitrophenol. *Applied Catalysis B: Environmental*, **2017**, 205, 1-10 21.8 78
- 270 Cadmium Sulfide/Ferrite Nanocomposite as a Magnetically Recyclable Photocatalyst with Enhanced Visible-Light-Driven Photocatalytic Activity and Photostability. *Industrial & Engineering Chemistry Research*, **2013**, 52, 17126-17133 3.9 77
- 269 Ternary Titania/Cobalt Ferrite/Polyaniline Nanocomposite: A Magnetically Recyclable Hybrid for Adsorption and Photodegradation of Dyes under Visible Light. *Industrial & Engineering Chemistry Research*, **2013**, 52, 10105-10113 3.9 76
- 268 Preparation of TiO₂/polyaniline nanocomposite from a lyotropic liquid crystalline solution. *Synthetic Metals*, **2009**, 159, 2525-2529 3.6 76
- 267 Fabrication of Fe₂O₃@graphene nanostructures for enhanced gas-sensing property to ethanol. *Applied Surface Science*, **2014**, 292, 278-284 6.7 73
- 266 Preparation and characterization of Ln₂Zr₂O₇ (Ln = La and Nd) nanocrystals and their photocatalytic properties. *Journal of Alloys and Compounds*, **2008**, 465, 280-284 5.7 73
- 265 Low-Defect MWNT/Pt Nanocomposite as a High Performance Electrocatalyst for Direct Methanol Fuel Cells. *Journal of Physical Chemistry C*, **2011**, 115, 19405-19412 3.8 72
- 264 Design and synthesis of palladium/graphitic carbon nitride/carbon black hybrids as high-performance catalysts for formic acid and methanol electrooxidation. *Journal of Power Sources*, **2015**, 275, 734-741 8.9 71
- 263 Fe₃O₄@graphene oxide composite: A magnetically separable and efficient catalyst for the reduction of nitroarenes. *Materials Research Bulletin*, **2013**, 48, 1885-1890 5.1 70
- 262 NbS Nanosheets with M/Se (M = Fe, Co, Ni) Codopants for Li and Na Storage. *ACS Nano*, **2017**, 11, 10599-10607 10.6 68

261	Magnetic Bi ₂ FeO ₄ -graphene catalyst and its high visible-light photocatalytic performance. <i>RSC Advances</i> , 2013 , 3, 4332	3.7	68
260	Controlled growth of nanostructured MnO ₂ on carbon nanotubes for high-performance electrochemical capacitors. <i>Electrochimica Acta</i> , 2015 , 152, 480-488	6.7	67
259	Bismuth Subcarbonate with Designer Defects for Broad-Spectrum Photocatalytic Nitrogen Fixation. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25321-25328	9.5	66
258	Microwave-assisted synthesis and characterization of 3D flower-like Bi ₂ S ₃ superstructures. <i>Materials Letters</i> , 2007 , 61, 2883-2886	3.3	66
257	Core-shell-like Ni-Pd nanoparticles supported on carbon black as a magnetically separable catalyst for green Suzuki-Miyaura coupling reactions. <i>Applied Catalysis B: Environmental</i> , 2017 , 200, 39-46	21.8	65
256	Influence of multi-walled carbon nanotubes on the cure behavior of epoxy-imidazole system. <i>Carbon</i> , 2009 , 47, 1112-1118	10.4	65
255	Design and synthesis of Pd-MnO ₂ nanolamella-graphene composite as a high-performance multifunctional electrocatalyst towards formic acid and methanol oxidation. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 10367-75	3.6	64
254	A ternary Pt/MnO ₂ /graphene nanohybrid with an ultrahigh electrocatalytic activity toward methanol oxidation. <i>Journal of Power Sources</i> , 2013 , 239, 189-195	8.9	64
253	One-step synthesis of low defect density carbon nanotube-doped Ni(OH) ₂ nanosheets with improved electrochemical performances. <i>RSC Advances</i> , 2011 , 1, 484	3.7	64
252	Well-Combined Magnetically Separable Hybrid Cobalt Ferrite/Nitrogen-Doped Graphene as Efficient Catalyst with Superior Performance for Oxygen Reduction Reaction. <i>Small</i> , 2015 , 11, 5833-43	11	63
251	Synthesis of ZnO/Ag Hybrids and Their Gas-Sensing Performance toward Ethanol. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 8947-8953	3.9	63
250	A general approach for fabricating 3D MFe ₂ O ₄ (M=Mn, Ni, Cu, Co)/graphitic carbon nitride covalently functionalized nitrogen-doped graphene nanocomposites as advanced anodes for lithium-ion batteries. <i>Nano Energy</i> , 2019 , 57, 48-56	17.1	59
249	Self-Standing Carbon Nitride-Based Hydrogels with High Photocatalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 2029-2034	9.5	58
248	Self-assembled hydrothermal synthesis for producing a MnCO ₃ /graphene hydrogel composite and its electrochemical properties. <i>RSC Advances</i> , 2013 , 3, 4400	3.7	58
247	Surface-enhanced Raman scattering of 4-mercaptopyridine on sub-monolayers of Fe ₂ O ₃ nanocrystals (sphere, spindle, cube). <i>Journal of Raman Spectroscopy</i> , 2009 , 40, 1290-1295	2.3	58
246	Synthesis of flower-like CuO nanostructures via a simple hydrolysis route. <i>Materials Letters</i> , 2007 , 61, 5236-5238	3.3	58
245	Pt nanocrystals grown on three-dimensional architectures made from graphene and MoS ₂ nanosheets: Highly efficient multifunctional electrocatalysts toward hydrogen evolution and methanol oxidation reactions. <i>Carbon</i> , 2018 , 139, 369-377	10.4	58
244	Quantum confinement effects on charge-transfer between PbS quantum dots and 4-mercaptopyridine. <i>Journal of Chemical Physics</i> , 2011 , 134, 024707	3.9	57

243	High-performance asymmetric supercapacitors based on MnFe ₂ O ₄ /graphene nanocomposite as anode material. <i>Materials Letters</i> , 2014 , 122, 193-196	3.3	56
242	Preparation and characterization of pyrochlore La ₂ Zr ₂ O ₇ nanocrystals by stearic acid method. <i>Materials Letters</i> , 2008 , 62, 889-891	3.3	53
241	Four MOFs with 2,2'-dimethoxy-4,4'-biphenyldicarboxylic acid: syntheses, structures, topologies and properties. <i>CrystEngComm</i> , 2014 , 16, 784-796	3.3	52
240	Growth and photocatalytic activity of ZnO nanosheets stabilized by Ag nanoparticles. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 4972-4977	5.7	52
239	Synthesis of Bi nanowire networks and their superior photocatalytic activity for Cr(vi) reduction. <i>Nanoscale</i> , 2014 , 6, 10062-70	7.7	51
238	One-Pot Synthesis of Nickel-Modified Carbon Nitride Layers Toward Efficient Photoelectrochemical Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32667-32677	9.5	51
237	Palygorskite and SnO ₂ /TiO ₂ for the photodegradation of phenol. <i>Applied Clay Science</i> , 2011 , 51, 68-73	5.2	51
236	Nanosized Pt anchored onto 3D nitrogen-doped graphene nanoribbons towards efficient methanol electrooxidation. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 19696-19701	13	49
235	The preparation of CdO nanowires from solid-state transformation of a layered metal-organic framework. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 143-149	3.3	49
234	Enhanced visible-light photocatalytic nitrogen fixation over semicrystalline graphitic carbon nitride: Oxygen and sulfur co-doping for crystal and electronic structure modulation. <i>Journal of Colloid and Interface Science</i> , 2018 , 509, 298-306	9.3	47
233	SERS and DFT study of crystal violet. <i>Journal of Molecular Structure</i> , 2013 , 1035, 326-331	3.4	47
232	Preparation of Ag ₂ SO ₄ /graphene nanocomposite from a single source precursor and its surface-enhanced Raman scattering and photoluminescent activity. <i>Materials Characterization</i> , 2011 , 62, 1094-1101	3.9	47
231	Ultrathin molybdenum disulfide/carbon nitride nanosheets with abundant active sites for enhanced hydrogen evolution. <i>Nanoscale</i> , 2018 , 10, 1766-1773	7.7	46
230	Efficient removal of methylene blue over composite-phase BiVO ₄ fabricated by hydrothermal control synthesis. <i>Materials Chemistry and Physics</i> , 2012 , 136, 897-902	4.4	46
229	CuO nanocrystals with controllable shapes grown from solution without any surfactants. <i>Materials Chemistry and Physics</i> , 2008 , 109, 34-38	4.4	46
228	Graphene-based cobalt sulfide composite hydrogel with enhanced electrochemical properties for supercapacitors. <i>New Journal of Chemistry</i> , 2016 , 40, 2843-2849	3.6	45
227	The enhanced adhesion between overlong TiN _x O _y /MnO ₂ nanoarrays and Ti substrate: Towards flexible supercapacitors with high energy density and long service life. <i>Nano Energy</i> , 2018 , 43, 91-102	17.1	45
226	In-situ self-sacrificial fabrication of lanthanide hydroxycarbonates/graphitic carbon nitride heterojunctions: nitrogen photofixation under simulated solar light irradiation. <i>Chemical Engineering Journal</i> , 2018 , 347, 849-859	14.7	44

225	Experimental and theoretical studies on vibrational spectra of 4-(2-furanylmethyleneamino)antipyrine, 4-benzylideneaminoantipyrine and 4-cinnamylideneaminoantipyrine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 73, 892-901	4.4	44
224	One-pot synthesis and electrochemical properties of nitrogen-doped graphene decorated with M(OH) _x (M = FeO, Ni, Co) nanoparticles. <i>Electrochimica Acta</i> , 2013 , 113, 117-126	6.7	43
223	Characterization and their photocatalytic properties of Ln ₂ Zr ₂ O ₇ (Ln=La, Nd, Sm, Dy, Er) nanocrystals by stearic acid method. <i>Solid State Sciences</i> , 2008 , 10, 1379-1383	3.4	43
222	Preparation and characterization of Y ₂ Zr ₂ O ₇ nanocrystals and their photocatalytic properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008 , 150, 194-198	3.1	43
221	Intimately coupled hybrid of graphitic carbon nitride nanoflakelets with reduced graphene oxide for supporting Pd nanoparticles: A stable nanocatalyst with high catalytic activity towards formic acid and methanol electrooxidation. <i>Electrochimica Acta</i> , 2016 , 200, 131-141	6.7	43
220	Preparation of rod-like Sb ₂ S ₃ dendrites processed in conventional hydrothermal. <i>Materials Letters</i> , 2009 , 63, 1258-1261	3.3	42
219	Study on the catalytic effect of NiO nanoparticles on the thermal decomposition of TEGDN/NC propellant. <i>Journal of Hazardous Materials</i> , 2009 , 168, 838-42	12.8	42
218	3D Hierarchical Mesoporous Flowerlike Cobalt Oxide Nanomaterials: Controllable Synthesis and Electrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 8537-8546	3.8	41
217	Adsorption of Perfluorooctane Sulfonate and Perfluorooctanoic Acid on Magnetic Mesoporous Carbon Nitride. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 508-515	2.8	41
216	In situ self-assembled synthesis of Ag-AgBr/Al-MCM-41 with excellent activities of adsorption-photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2017 , 209, 329-338	21.8	39
215	Synthesis of acidified palygorskite/BiOI with exceptional performances of adsorption and visible-light photoactivity for efficient treatment of aniline wastewater. <i>Applied Clay Science</i> , 2015 , 114, 124-132	5.2	39
214	Synthesis of Cobalt Sulfide/Sulfur Doped Carbon Nanocomposites with Efficient Catalytic Activity in the Oxygen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2016 , 22, 18259-18264	4.8	39
213	Pressure difference-induced synthesis of P-doped carbon nanobowls for high-performance supercapacitors. <i>Chemical Engineering Journal</i> , 2020 , 385, 123858	14.7	39
212	Preparing Bi ₁₂ SiO ₂₀ crystals at low temperature through nontopotactic solid-state transformation and improving its photocatalytic activity by etching. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7413-7421 ¹³		38
211	Controlled synthesis of bismuth-containing compounds (Bi ₂ O ₃ , Bi ₅ O ₇ NO ₃ and Bi ₆ O ₆ (OH) ₂ (NO ₃) ₄ ·2H ₂ O) and their photocatalytic performance. <i>CrystEngComm</i> , 2015 , 17, 9185-9192	3.3	38
210	Biomimetic Synthesis of Gelatin Polypeptide-Assisted Noble-Metal Nanoparticles and Their Interaction Study. <i>Nanoscale Research Letters</i> , 2011 , 6, 22	5	38
209	Nano or micro? A mechanism on thermal decomposition of ammonium perchlorate catalyzed by cobalt oxalate. <i>Journal of Hazardous Materials</i> , 2012 , 225-226, 124-30	12.8	37
208	Low-defect multi-walled carbon nanotubes supported PtCo alloy nanoparticles with remarkable performance for electrooxidation of methanol. <i>Electrochimica Acta</i> , 2012 , 80, 118-125	6.7	37

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