

Xin Wang

List of Publications by Year in Descending Order

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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	Covalently Induced Grafting of C ₂ N Nanoflakes onto Reduced Graphene Oxide with Dominant Pseudocapacitive Behaviors for a High-Rate Sodium-Ion Battery Anode. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 15946-15956	8.3	0
349	Recent advances in the heteroatom doping of perovskite oxides for efficient electrocatalytic reactions. <i>Nanoscale</i> , 2021 ,	7.7	5
348	Recent development and applications of electrical conductive MOFs. <i>Nanoscale</i> , 2021 , 13, 485-509	7.7	24
347	Design and Construction of Graphitic/Amorphous Heterophase Porous Carbon with a Lotus-Leaf-like Surface Microstructure for High-Performance Li-Ion and Na-Ion Batteries. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 11475-11484	3.9	10
346	Supramolecular preorganization effect to access single cobalt sites for enhanced photocatalytic hydrogen evolution and nitrogen fixation. <i>Chemical Engineering Journal</i> , 2020 , 394, 124822	14.7	9
345	General synthesis strategy for hollow porous prismatic graphitic carbon nitride: a high-performance photocatalyst for H ₂ production and degradation of RhB. <i>Journal of Materials Science</i> , 2020 , 55, 6037-6050	4.3	8
344	Hollow porous prismatic graphitic carbon nitride with nitrogen vacancies and oxygen doping: a high-performance visible light-driven catalyst for nitrogen fixation. <i>Nanoscale</i> , 2020 , 12, 1833-1841	7.7	33
343	Ultrathin two-dimensional π conjugated coordination polymer Co ₃ (hexaaminobenzene) ₂ nanosheets for highly efficient oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 369-379	13	27
342	Pressure difference-induced synthesis of P-doped carbon nanobowls for high-performance supercapacitors. <i>Chemical Engineering Journal</i> , 2020 , 385, 123858	14.7	39
341	Phosphorous/oxygen co-doped mesoporous carbon bowls as sulfur host for high performance lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2020 , 450, 227658	8.9	16
340	Two-dimensional organic/inorganic superlattice-like heterostructures for energy storage applications. <i>Energy and Environmental Science</i> , 2020 , 13, 4834-4853	35.4	17
339	Two-Dimensional Nanomesh Arrays as Bifunctional Catalysts for N ₂ Electrolysis. <i>ACS Catalysis</i> , 2020 , 10, 11371-11379	13.1	23
338	Hierarchically Structured Two-Dimensional Bimetallic CoNi-Hexaaminobenzene Coordination Polymers Derived from Co(OH) for Enhanced Oxygen Evolution Catalysis. <i>Small</i> , 2020 , 16, e1907043	11	20
337	Sandwich-like reduced graphene oxide/yolk-shell-structured Fe@FeO/carbonized paper as an efficient freestanding electrode for electrochemical synthesis of ammonia directly from H ₂ O and nitrogen. <i>Nanoscale</i> , 2019 , 11, 12997-13006	7.7	18
336	Nickel phosphide decorated with trace amount of platinum as an efficient electrocatalyst for the alkaline hydrogen evolution reaction. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 2006-2014	5.8	11
335	Labyrinth-inspired nitrogen-sulfur co-doped reduced holey graphene oxide/carbonized cellulose paper: A permselective and multifunctional interlayer for high-performance lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2019 , 434, 226728	8.9	29
334	One-pot fabrication of a double Z-scheme CeCO ₃ OH/g-C ₃ N ₄ /CeO ₂ photocatalyst for nitrogen fixation under solar irradiation. <i>Catalysis Science and Technology</i> , 2019 , 9, 2849-2857	5.5	20

333	Heterojunctions Derived by Integrating Arylene-Ethynylene Nanobelts and N-Doped Graphene for Molecular Sensing. <i>ACS Applied Nano Materials</i> , 2019 , 2, 2336-2346	5.6	2
332	Catalytic hydrogenation of p-nitrophenol using a metal-free catalyst of porous crimped graphitic carbon nitride. <i>Applied Surface Science</i> , 2019 , 480, 888-895	6.7	24
331	Preparation of tellurium doped graphitic carbon nitride and its visible-light photocatalytic performance on nitrogen fixation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 563, 263-270	5.1	26
330	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
329	An in situ annealing route to [Bi ₆ O ₆ (OH) ₂](NO ₃) ₄ ·2H ₂ O/g-C ₃ N ₄ heterojunction and its visible-light-driven photocatalytic performance. <i>Materials Research Bulletin</i> , 2018 , 101, 272-279	5.1	13
328	Strongly anisotropic thermal conductivity and adequate breathability of bilayered films for heat management of on-skin electronics. <i>2D Materials</i> , 2018 , 5, 035013	5.9	9
327	Co ₃ O ₄ nanocrystals with exposed low-surface-energy planes anchored on chemically integrated graphitic carbon nitride-modified nitrogen-doped graphene: A high-performance anode material for lithium-ion batteries. <i>Applied Surface Science</i> , 2018 , 439, 447-455	6.7	11
326	Cost-effective nitrogen-doped carbon black supported PdCu alloy nanocatalyst for green Suzuki-Miyaura reactions under mild conditions. <i>Materials Chemistry and Physics</i> , 2018 , 209, 86-94	4.4	13
325	Green synthesis of Ions doped (BiO) ₂ CO ₃ with enhanced visible-light photocatalytic activity. <i>Materials Letters</i> , 2018 , 214, 103-106	3.3	7
324	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
323	Ultrathin molybdenum disulfide/carbon nitride nanosheets with abundant active sites for enhanced hydrogen evolution. <i>Nanoscale</i> , 2018 , 10, 1766-1773	7.7	46
322	Surface pore-containing NiCo ₂ O ₄ nanobelts with preferred (311) plane supported on reduced graphene oxide: A high-performance anode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2018 , 271, 137-145	6.7	27
321	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
320	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
319	Covalent Functionalization of Carbon Nitride Frameworks through Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , 2018 , 24, 14921-14927	4.8	33
318	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
317	Bismuth Subcarbonate with Designer Defects for Broad-Spectrum Photocatalytic Nitrogen Fixation. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25321-25328	9.5	66
316	Synthesis of nanosheet-based hierarchical BiO ₂ microtubes and its photocatalytic performance. <i>Applied Surface Science</i> , 2018 , 455, 616-621	6.7	18

315	Magnetically Separable Rice Husk Char-Supported Nickel Ferrite Photocatalyst with High Photoactivity under Visible-Light Irradiation. <i>Nano</i> , 2018 , 13, 1850067	1.1	3
314	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
313	A new method for scour monitoring based on fiber Bragg grating. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 127, 431-435	4.6	6
312	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
311	Nitrogen-doped carbon black supported NiCo ₂ S ₄ catalyst for hydrogenation of nitrophenols under mild conditions. <i>Journal of Materials Science</i> , 2018 , 53, 4467-4481	4.3	13
310	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
309	CoSe-Decorated NbSe Nanosheets Fabricated via Cation Exchange for Li Storage. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 37773-37778	9.5	10
308	Hollow mesoporous carbon spheres enwrapped by small-sized and ultrathin nickel hydroxide nanosheets for high-performance hybrid supercapacitors. <i>Journal of Power Sources</i> , 2018 , 402, 43-52	8.9	32
307	Synthesis of Carbon-Nitrogen-Phosphorous Materials with an Unprecedented High Amount of Phosphorous toward an Efficient Fire-Retardant Material. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9764-9769	16.4	21
306	Carboxylic acid-functionalized cadmium sulfide/graphitic carbon nitride composite photocatalyst with well-combined interface for sulfamethazine degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 364, 22-31	4.7	16
305	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
304	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
303	An ion exchange strategy to BiOI/CH ₃ COO(BiO) heterojunction with enhanced visible-light photocatalytic activity. <i>Applied Surface Science</i> , 2017 , 403, 103-111	6.7	28
302	Self-Standing Carbon Nitride-Based Hydrogels with High Photocatalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 2029-2034	9.5	58
301	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
300	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
299	Synthesis of Unique Flowerlike Bi ₂ O ₃ (OH)(NO ₃) Hierarchical Microstructures with High Surface Area and Superior Photocatalytic Performance. <i>Chemistry - A European Journal</i> , 2017 , 23, 3891-3897	4.8	30
298	Room-temperature synthesis of BiOCl and (BiO) ₂ CO ₃ with predominant {001} facets induced by urea and their photocatalytic performance. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 987-994	6.8	13

297	Facile surfactant assistant synthesis of porous oxygen-doped graphitic carbon nitride nanosheets with enhanced visible light photocatalytic activity. <i>Materials Research Bulletin</i> , 2017 , 91, 42-48	5.1	35
296	Smart and designable graphene/BiO ₂ nanocomposites with multifunctional applications in silicone elastomers and polyaniline supercapacitors. <i>RSC Advances</i> , 2017 , 7, 11478-11490	3.7	8
295	Build a Rigid-Flexible Graphene/Silicone Interface by Embedding SiO ₂ for Adhesive Application. <i>ACS Omega</i> , 2017 , 2, 1063-1073	3.9	12
294	Two basic bismuth nitrates: [Bi ₆ O ₆ (OH) ₂](NO ₃) ₄ ·2H ₂ O with superior photodegradation activity for rhodamine B and [Bi ₆ O ₅ (OH) ₃](NO ₃) ₅ ·3H ₂ O with ultrahigh adsorption capacity for methyl orange. <i>Applied Surface Science</i> , 2017 , 422, 283-294	6.7	25
293	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
292	3D Hierarchically Porous Graphitic Carbon Nitride Modified Graphene-Pt Hybrid as Efficient Methanol Oxidation Catalysts. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1601219	4.6	17
291	One-pot synthesis of 3D hierarchical Bi ₂ S ₃ /(BiO) ₂ CO ₃ hollow microspheres at room temperature and their photocatalytic performance. <i>Materials Chemistry and Physics</i> , 2017 , 187, 72-81	4.4	14
290	A molybdenum disulfide/reduced oxide-graphene nanoflakelet-on-sheet structure for lithium ion batteries. <i>Applied Surface Science</i> , 2017 , 399, 237-244	6.7	13
289	Self-assembled carbon nitride for photocatalytic hydrogen evolution and degradation of p-nitrophenol. <i>Applied Catalysis B: Environmental</i> , 2017 , 205, 1-10	21.8	78
288	Construction of N-doped carbon@MoSe ₂ core/branch nanostructure via simultaneous formation of core and branch for high-performance lithium-ion batteries. <i>Electrochimica Acta</i> , 2017 , 256, 19-27	6.7	20
287	NbS Nanosheets with M/Se (M = Fe, Co, Ni) Codopants for Li and Na Storage. <i>ACS Nano</i> , 2017 , 11, 10599-10607	10.6	68
286	Localization of platinum nanoparticles on inner walls of mesoporous hollow carbon spheres for improvement of electrochemical stability. <i>Nanoscale</i> , 2017 , 9, 16264-16272	7.7	20
285	Intimately coupled hybrid of carbon black/nickel cobaltite for supercapacitors with enhanced energy-storage properties and ultra-long cycle life. <i>Electrochimica Acta</i> , 2017 , 257, 494-503	6.7	15
284	Dual-Pore Carbon Shells for Efficient Removal of Humic Acid from Water. <i>Chemistry - A European Journal</i> , 2017 , 23, 16249-16256	4.8	10
283	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
282	From understanding the formation mechanism to enhanced supercapacitor performance of VSB-5 with a hierarchical structure. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 16898-16906	13	7
281	Carbon-Induced Generation of Hierarchical Structured NiCo(CO)(OH) for Enhanced Supercapacitor Performance. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 44441-44451	9.5	35
280	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

279	Constructing BiO _{1.1} Br _{0.8} sheet-sphere junction structure for efficient photocatalytic degradation of aniline. <i>Catalysis Communications</i> , 2017 , 88, 22-25	3.2	6
278	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
277	Design and performance of a novel miniaturized LTCC Wilkinson power divider 2016 ,		2
276	Cobalt Sulfide/Graphene Composite Hydrogel as Electrode for High-Performance Pseudocapacitors. <i>Scientific Reports</i> , 2016 , 6, 21717	4.9	91
275	One-Step Synthesis of Bi ₂ S ₃ /BiOX and Bi ₂ S ₃ /(BiO) ₂ CO ₃ Heterojunction Photocatalysts by Using Aqueous Thiourea Solution as Both Solvent and Sulfur Source. <i>ChemistrySelect</i> , 2016 , 1, 6136-6145	1.8	6
274	A simple grinding-calcination approach to prepare the Co ₃ O ₄ /h ₂ O ₃ heterojunction structure with high-performance gas-sensing property toward ethanol. <i>RSC Advances</i> , 2016 , 6, 105262-105269	3.7	11
273	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
272	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
271	Recent advances in graphene-based hybrid nanostructures for electrochemical energy storage. <i>Nanoscale Horizons</i> , 2016 , 1, 340-374	10.8	79
270	Halogen-directed nucleation and growth of Bi ₂ O ₃ columnar architectures. <i>Materials Research Bulletin</i> , 2016 , 76, 222-228	5.1	11
269	Solvothermal method coupled with thermal decomposition for synthesis of non-stoichiometric BiO _{1.18} I _{0.64} with excellent photocatalytic activity. <i>RSC Advances</i> , 2016 , 6, 2641-2650	3.7	13
268	In-situ preparation of three-dimensional Ni@graphene-Cu composites for ultrafast reduction of Cr(VI) at room temperature. <i>Catalysis Communications</i> , 2016 , 75, 13-17	3.2	33
267	A new type of temperature-based sensor for monitoring of bridge scour. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016 , 78, 245-252	4.6	14
266	Synthesis of Bi ₂ O ₃ microflowers and nanosheets using CH ₃ COO(BiO) self-sacrifice precursor. <i>Materials Letters</i> , 2016 , 162, 218-221	3.3	34
265	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
264	A facile and rapid room-temperature route to hierarchical bismuth oxyhalide solid solutions with composition-dependent photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2016 , 477, 25-33	9.3	22
263	Effect of the counter ions on composition and morphology of bismuth oxyhalides and their photocatalytic performance. <i>Chemical Engineering Journal</i> , 2016 , 299, 217-226	14.7	36
262	Solvent- and catalyst-free synthesis of imidazo[1,2-a]pyridines under microwave irradiation. <i>Journal of Chemical Research</i> , 2016 , 40, 529-531	0.6	10

261	Hollow Amorphous MnSnO ₃ Nanohybrid with Nitrogen-Doped Graphene for High-Performance Lithium Storage. <i>Electrochimica Acta</i> , 2016 , 214, 1-10	6.7	21
260	Synthesis of Fe ₂ O ₃ with the aid of graphene and its gas-sensing property to ethanol. <i>Ceramics International</i> , 2015 , 41, 6978-6984	5.1	14
259	Two-dimensional nanosheets based Li-ion full batteries with high rate capability and flexibility. <i>Nano Energy</i> , 2015 , 12, 816-823	17.1	86
258	Recent advances on multi-component hybrid nanostructures for electrochemical capacitors. <i>Journal of Power Sources</i> , 2015 , 294, 31-50	8.9	94
257	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
256	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
255	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
254	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
253	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
252	Platinum-palladium bimetallic nanoparticles on graphitic carbon nitride modified carbon black: A highly electroactive and durable catalyst for electrooxidation of alcohols. <i>Journal of Power Sources</i> , 2015 , 300, 41-48	8.9	33
251	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
250	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
249	Deposition of cocoon-like ZnO on graphene sheets for improving gas-sensing properties to ethanol. <i>Applied Surface Science</i> , 2015 , 357, 1593-1600	6.7	26
248	Highly dispersed palladium nanoparticles on commercial carbon black with significantly high electro-catalytic activity for methanol and ethanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 12382-12391	6.7	22
247	Manganese ferrite/graphene nanocomposite as a high-performance anode material for lithium-ion batteries. <i>International Journal of Materials Research</i> , 2015 , 106, 915-918	0.5	2
246	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
245	Three-dimensional nickel hydroxide/graphene composite hydrogels and their transformation to NiO/graphene composites for energy storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 21682-21689	13	26
244	Design and synthesis of palladium/graphitic carbon nitride/carbon black hybrids as high-performance catalysts for formic acid and methanol electrooxidation. <i>Journal of Power Sources</i> , 2015 , 275, 734-741	8.9	71

243	Synthesis of egg-tart shaped Bi ₂ O ₂ CO ₃ hierarchical nanostructures from single precursor and its photocatalytic performance. <i>Materials Letters</i> , 2015 , 138, 235-237	3.3	24
242	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
241	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
240	Highly efficient removal of aqueous chromate and organic dyes by ultralong HCOOBiO nanowires. <i>Chemical Engineering Journal</i> , 2015 , 262, 169-178	14.7	34
239	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
238	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
237	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
236	Synthesis of CdS multipods from cadmium xanthate in ethylenediamine solution. <i>Particuology</i> , 2015 , 19, 45-52	2.8	7
235	Preparation of Copper-Embedded Graphene Nanocomposites for Catalytic Hydroxylation of Benzene to Phenol. <i>Current Organic Chemistry</i> , 2015 , 18, 3136-3140	1.7	9
234	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
233	Exceptional visible-light-induced photocatalytic activity of attapulgite/BiOBr/TiO ₂ nanocomposites. <i>Applied Clay Science</i> , 2014 , 90, 135-140	5.2	27
232	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
231	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
230	Catalytic hydrogenation of nitrophenols and nitrotoluenes over a palladium/graphene nanocomposite. <i>Catalysis Science and Technology</i> , 2014 , 4, 1742-1748	5.5	145
229	Synthesis of Bi nanowire networks and their superior photocatalytic activity for Cr(vi) reduction. <i>Nanoscale</i> , 2014 , 6, 10062-70	7.7	51
228	Synthesis and electrochemical properties of graphene oxide/manganese oxide/polyaniline and its reduced composites. <i>RSC Advances</i> , 2014 , 4, 56615-56624	3.7	13
227	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
226	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

225	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
224	A COST-EFFECTIVE MAGNETIC PHOTOCATALYST PALYGORSKITE $\text{TiO}_2/\text{Fe}_3\text{O}_4$ WITH EXCELLENT PERFORMANCE FOR DYE PHOTODEGRADATION UNDER VISIBLE LIGHT. <i>Nano</i> , 2014 , 09, 1450063	1.1	
223	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
222	In-situ and self-distributed: A new understanding on catalyzed thermal decomposition process of ammonium perchlorate over Nd_2O_3 . <i>Journal of Solid State Chemistry</i> , 2014 , 213, 235-241	3.3	20
221	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
220	Synthesis of Bi_2O_3 architectures in $\text{DMF}/\text{H}_2\text{O}$ solution by precipitation method and their photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2014 , 614, 353-359	5.7	33
219	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
218	The relationship between modulated morphology of attapulgite/polypyrrole composites and electrical property. <i>Materials Letters</i> , 2014 , 126, 135-138	3.3	3
217	Ternary manganese ferrite/graphene/polyaniline nanostructure with enhanced electrochemical capacitance performance. <i>Journal of Power Sources</i> , 2014 , 266, 384-392	8.9	137
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