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Construction of high-dispersed Ag/Fe<sub>3</sub>O<sub>4</sub>/g-C<sub>3</sub>N<sub>4</sub> photocatalyst by selective photo-deposition and improved photocatalytic activity

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#	Paper	IF	Citations
340	Transfer Charge and Energy of Ag@CdSe QDs-rGO Core-Shell Plasmonic Photocatalyst for Enhanced Visible Light Photocatalytic Activity. <b>2015</b> , 7, 28231-43		70
339	Fabrication of conductive and high-dispersed Ppy@Ag/g-C3N4 composite photocatalysts for removing various pollutants in water. <b>2016</b> , 387, 366-374		89
338	Sonochemical fabrication, characterization and enhanced photocatalytic performance of Ag2S/Ag2WO4 composite microrods. <b>2016</b> , 37, 1841-1850		63
337	Magnetic ZnFe2O4 Nanocubes: Synthesis and Photocatalytic Activity With Visible Light/H2O2. <b>2016</b> , 1-1		2
336	Green and facile synthesis of Fe3O4-PbS magnetic nanocomposites applicable for the degradation of toxic organic dyes. <b>2016</b> , 39,		5
335	Construction of a magnetic Z-scheme photocatalyst with enhanced oxidation/reduction abilities and recyclability for the degradation of tetracycline. <b>2016</b> , 6, 114374-114382		14
334	Roles of the active species involved in the photocatalytic oxidation of benzyl alcohol into benzaldehyde on TiO2 under UV light: Experimental and DFT studies. <b>2016</b> , 420, 82-87		19
333	Graphitic carbon nitride (g-C3N4) nanocomposites: A new and exciting generation of visible light driven photocatalysts for environmental pollution remediation. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 198, 347-377	21.8	730
332	Enhanced selective photocatalytic properties of a novel magnetic retrievable imprinted ZnFe2O4/PPy composite with specific recognition ability. <b>2016</b> , 6, 51877-51887		18
331	Design and preparation of easily recycled Ag2WO4@ZnO@Fe3O4 ternary nanocomposites and their highly efficient degradation of antibiotics. <b>2016</b> , 51, 7793-7802		21
330	Graphitic Carbon Nitride (g-C3N4)-Based Photocatalysts for Artificial Photosynthesis and Environmental Remediation: Are We a Step Closer To Achieving Sustainability?. <b>2016</b> , 116, 7159-329		4018
329	Construction of ultrathin C3N4/Bi4O5I2 layered nanojunctions via ionic liquid with enhanced photocatalytic performance and mechanism insight. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 191, 235-245	21.8	109
328	Synthesis and photocatalytic activity of g-C3N4/BiOI/BiOBr ternary composites. <b>2016</b> , 6, 41204-41213		42
327	Synthesis of Fe3O4 nanowire@CeO2/Ag nanocomposites with enhanced photocatalytic activity under sunlight exposure. <b>2016</b> , 42, 11827-11837		23
326	Facile synthesis of a Fe3O4/MIL-101(Fe) composite with enhanced catalytic performance. <b>2016</b> , 6, 86443-86446		8
325	Rational construction of Z-scheme Ag2CrO4/g-C3N4 composites with enhanced visible-light photocatalytic activity. <b>2016</b> , 390, 357-367		113
324	One-pot solvothermal synthesis of magnetic SnFe2O4 nanoparticles and their performance in the photocatalytic degradation of chlortetracycline with visible light radiation. <b>2016</b> , 6, 76542-76550		23

323	Synthesis and characterization of robust Ag <sub>2</sub> S/Ag <sub>2</sub> WO <sub>4</sub> composite microrods with enhanced photocatalytic performance. <b>2016</b> , 31, 2598-2607		28
322	Enhanced photocatalytic activity of a double conductive C/Fe <sub>3</sub> O <sub>4</sub> /Bi <sub>2</sub> O <sub>3</sub> composite photocatalyst based on biomass. <i>Chemical Engineering Journal</i> , <b>2016</b> , 304, 351-361	14.7	62
321	Construction of TiO <sub>2</sub> hollow nanosphere/g-C <sub>3</sub> N <sub>4</sub> composites with superior visible-light photocatalytic activity and mechanism insight. <b>2016</b> , 41, 130-140		55
320	Constructing of the Magnetic Photocatalytic Nanoreactor [email[protected]] for Cascade Catalytic Degrading of Tetracycline. <b>2016</b> , 120, 27250-27258		48
319	Construction of nitrogen-doped graphene quantum dots-BiVO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> Z-scheme photocatalyst and enhanced photocatalytic degradation of antibiotics under visible light. <b>2016</b> , 6, 61162-61174		83
318	Construction of heterostructured g-C <sub>3</sub> N <sub>4</sub> /Ag/Bi <sub>3.64</sub> Mo <sub>0.36</sub> O <sub>6.55</sub> nanospheres with enhanced visible-light photocatalytic activity. <i>Separation and Purification Technology</i> , <b>2016</b> , 169, 9-16	8.3	33
317	Doping effect of phosphate in Bi <sub>2</sub> WO <sub>6</sub> and universal improved photocatalytic activity for removing various pollutants in water. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 188, 39-47	21.8	195
316	Synthesis of highly dispersed silver doped g-C <sub>3</sub> N <sub>4</sub> nanocomposites with enhanced visible-light photocatalytic activity. <b>2016</b> , 98, 223-230		90
315	A review on g-C <sub>3</sub> N <sub>4</sub> -based photocatalysts. <b>2017</b> , 391, 72-123		1687
314	Construction of a well-dispersed Ag/graphene-like g-C <sub>3</sub> N <sub>4</sub> photocatalyst and enhanced visible light photocatalytic activity. <b>2017</b> , 7, 8688-8693		75
313	Novel Magnetically Separable BiVO <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> Photocatalyst: Synthesis and Photocatalytic Performance under Visible-light Irradiation. <b>2017</b> , 89, 297-306		31
312	Novel [Ag <sub>2</sub> MoO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> heterojunction catalysts with highly enhanced visible-light-driven photocatalytic activity. <b>2017</b> , 7, 2163-2171		53
311	Efficient and stable ZrO <sub>2</sub> /Fe modified hollow-C <sub>3</sub> N <sub>4</sub> for photodegradation of the herbicide MTSM. <b>2017</b> , 7, 3966-3974		17
310	Highly efficient photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> quantum dots (CNQDs)/Ag/Bi <sub>2</sub> MoO <sub>6</sub> nanoheterostructure under visible light. <i>Separation and Purification Technology</i> , <b>2017</b> , 178, 163-168	8.3	59
309	Photocatalysts fabricated by depositing plasmonic Ag nanoparticles on carbon quantum dots/graphitic carbon nitride for broad spectrum photocatalytic hydrogen generation. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 209, 161-173	21.8	203
308	Novel magnetically separable silver-iron oxide nanoparticles decorated graphitic carbon nitride nano-sheets: A multifunctional photocatalyst via one-step hydrothermal process. <b>2017</b> , 496, 343-352		53
307	Plasmonic resonance excited dual Z-scheme BiVO <sub>4</sub> /Ag/Cu <sub>2</sub> O nanocomposite: synthesis and mechanism for enhanced photocatalytic performance in recalcitrant antibiotic degradation. <b>2017</b> , 4, 1494-1511		168
306	Modified surficial chemistry micro-circumstance and mid-gap effect on photocatalytic ability of tetracycline by introducing of nitrogen in Fe <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> . <b>2017</b> , 434, 106-115		17

305	Preparation of porous CuO nanosheet-like structure (CuO-NS) using C <sub>3</sub> N <sub>4</sub> template with enhanced visible-light photoactivity in degradation of chlortetracycline. <b>2017</b> , 346, 168-176		12
304	Synthesis and characterization of porous TiO <sub>2</sub> -NS/Pt/GO aerogel: A novel three-dimensional composite with enhanced visible-light photoactivity in degradation of chlortetracycline. <b>2017</b> , 346, 1-9		23
303	Electrospun HSiWO/cellulose acetate composite nanofibrous membrane for photocatalytic degradation of tetracycline and methyl orange with different mechanism. <b>2017</b> , 168, 153-162		53
302	Synthesis and characterization of PMoV/Fe <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> from melamine: An industrial green nanocatalyst for deep oxidative desulfurization. <b>2017</b> , 38, 458-468		10
301	Ag <sub>6</sub> Mo <sub>10</sub> O <sub>33</sub> /g-C <sub>3</sub> N <sub>4</sub> 1D-2D hybridized heterojunction as an efficient visible-light-driven photocatalyst. <b>2017</b> , 432, 285-291		32
300	Ag@Fe <sub>3</sub> O <sub>4</sub> @cellulose nanocrystals nanocomposites: microwave-assisted hydrothermal synthesis, antimicrobial properties, and good adsorption of dye solution. <b>2017</b> , 52, 8219-8230		41
299	Preparation and characterization of ternary magnetic g-C <sub>3</sub> N <sub>4</sub> composite photocatalysts for removal of tetracycline under visible light. <b>2017</b> , 38, 447-457		19
298	Graphene oxide and carbon nitride nanosheets co-modified silver chromate nanoparticles with enhanced visible-light photoactivity and anti-photocorrosion properties towards multiple refractory pollutants degradation. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 209, 493-505	21.8	127
297	Magnetically separable Au-TiO <sub>2</sub> /nanocube ZnFe <sub>2</sub> O <sub>4</sub> composite for chlortetracycline removal in wastewater under visible light. <b>2017</b> , 47, 303-314		31
296	Synthesis and characterization of Z-scheme In <sub>2</sub> S <sub>3</sub> /Ag <sub>2</sub> CrO <sub>4</sub> composites with an enhanced visible-light photocatalytic performance. <b>2017</b> , 41, 845-856		50
295	Flower-like Ag <sub>2</sub> MoO <sub>4</sub> /Bi <sub>2</sub> MoO <sub>6</sub> heterojunctions with enhanced photocatalytic activity under visible light irradiation. <b>2017</b> , 71, 156-164		43
294	Photoelectrocatalytic reduction of CO <sub>2</sub> to methanol over the multi-functionalized TiO <sub>2</sub> photocathodes. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 205, 254-261	21.8	34
293	In situ fabrication of SnO <sub>2</sub> /S-doped g-C <sub>3</sub> N <sub>4</sub> nanocomposites and improved visible light driven photodegradation of methylene blue. <b>2017</b> , 248, 688-702		48
292	Constructing the magnetic bifunctional graphene/titania nanosheet-based composite photocatalysts for enhanced visible-light photodegradation of MB and electrochemical ORR from polluted water. <b>2017</b> , 7, 12296		13
291	Intercalation Effect of Attapulgite in g-C <sub>3</sub> N <sub>4</sub> Modified with Fe <sub>3</sub> O <sub>4</sub> Quantum Dots To Enhance Photocatalytic Activity for Removing 2-Mercaptobenzothiazole under Visible Light. <b>2017</b> , 5, 10614-10623		90
290	Modification of ZnIn <sub>2</sub> S <sub>4</sub> by anthraquinone-2-sulfonate doped polypyrrole as acceptor-donor system for enhanced photocatalytic degradation of tetracycline. <b>2017</b> , 348, 150-160		38
289	Promotion of phenol photodegradation based on novel self-assembled magnetic bismuth oxyiodide core-shell microspheres. <b>2017</b> , 7, 36653-36661		6
288	Sulfur-Doped Mesoporous Carbon Nitride Decorated with Cu Particles for Efficient Photocatalytic Degradation under Visible-Light Irradiation. <b>2017</b> , 121, 19239-19253		49

287	Polypyrrole/ZnIn <sub>2</sub> S <sub>4</sub> composite photocatalyst for enhanced mineralization of chloramphenicol under visible light. <b>2017</b> , 349, 115-123		29
286	Constructing the novel ultrafine amorphous iron oxyhydroxide/g-CN nanosheets heterojunctions for highly improved photocatalytic performance. <b>2017</b> , 7, 8686		45
285	0D/3D-CdSe/Bi <sub>12</sub> TiO <sub>20</sub> Pyramidal Heterostructure Photocatalysts for Enhanced Visible-Light Photocatalytic Activities. <b>2017</b> , 12, 1750072		2
284	Rational design of carbon-doped TiO <sub>2</sub> modified g-C <sub>3</sub> N <sub>4</sub> via in-situ heat treatment for drastically improved photocatalytic hydrogen with excellent photostability. <b>2017</b> , 41, 1-9		140
283	Facile one-pot synthesis of cerium oxide/sulfur-doped graphitic carbon nitride (g-CN) as efficient nanophotocatalysts under visible light irradiation. <b>2017</b> , 507, 59-73		88
282	Carbon dots/Fe <sub>3</sub> O <sub>4</sub> hybrid nanofibers as efficient peroxidase mimics for sensitive detection of H <sub>2</sub> O <sub>2</sub> and ascorbic acid. <b>2017</b> , 4, 1621-1627		40
281	Multi-walled carbon nanotubes modified Bi <sub>2</sub> S <sub>3</sub> microspheres for enhanced photocatalytic decomposition efficiency. <b>2017</b> , 43, 15080-15088		26
280	Microwave-hydrothermal synthesis of a novel, recyclable and stable photocatalytic nanoreactor for recognition and degradation of tetracycline. <b>2017</b> , 7, 4092-4104		37
279	Construction of Plasmonic Ag and Nitrogen-Doped Graphene Quantum Dots Codecorated Ultrathin Graphitic Carbon Nitride Nanosheet Composites with Enhanced Photocatalytic Activity: Full-Spectrum Response Ability and Mechanism Insight. <b>2017</b> , 9, 42816-42828		116
278	Enhanced visible-light photocatalytic performance of highly-dispersed Pt/g-C <sub>3</sub> N <sub>4</sub> nanocomposites by one-step solvothermal treatment. <b>2017</b> , 7, 33552-33557		29
277	Synergistic effect of 2D Ti <sub>2</sub> C and g-C <sub>3</sub> N <sub>4</sub> for efficient photocatalytic hydrogen production. <b>2017</b> , 5, 16748-16756		11
276	Controllable Synthesis of Mesoporous Sulfur-Doped Carbon Nitride Materials for Enhanced Visible Light Photocatalytic Degradation. <b>2017</b> , 33, 7062-7078		87
275	Microwave-assisted molten-salt rapid synthesis of isotype triazine/heptazine based g-C <sub>3</sub> N <sub>4</sub> heterojunctions with highly enhanced photocatalytic hydrogen evolution performance. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 203, 300-313	21.8	222
274	Synergistic effect between ternary iron/zinc/copper mixed oxides and graphene for photocatalytic water decontamination. <b>2017</b> , 43, 3510-3520		15
273	Green and low cost tetracycline degradation processes by nanometric and immobilized TiO <sub>2</sub> systems. <b>2017</b> , 281, 38-44		51
272	Constructing a novel ternary composite (C <sub>16</sub> H <sub>33</sub> (CH <sub>3</sub> ) <sub>3</sub> N) <sub>4</sub> W <sub>10</sub> O <sub>32</sub> /g-C <sub>3</sub> N <sub>4</sub> /rGO with enhanced visible-light-driven photocatalytic activity for degradation of dyes and phenol. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 200, 283-296	21.8	78
271	Magnetic Nanohybrid Decorated Porous Organic Polymer: Synergistic Catalyst for High Performance Levulinic Acid Hydrogenation. <b>2017</b> , 5, 1033-1045		66
270	Synthesis of g-C <sub>3</sub> N <sub>4</sub> by different precursors under burning explosion effect and its photocatalytic degradation for tylosin. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 230, 65-76	21.8	133

269	Novel ternary Ag/CeVO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> nanocomposite as a highly efficient visible-light-driven photocatalyst. <b>2018</b> , 7, 50-57		11
268	Fluoride ion-promoted hydrothermal synthesis of oxygenated g-C <sub>3</sub> N <sub>4</sub> with high photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 549, 67-75	5.1	16
267	Biochar-templated g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> /CoFe <sub>2</sub> O <sub>4</sub> nano-assembly for visible and solar assisted photo-degradation of paraquat, nitrophenol reduction and CO <sub>2</sub> conversion. <i>Chemical Engineering Journal</i> , <b>2018</b> , 339, 393-410	14.7	180
266	A facile synthesis of goethite-modified g-C <sub>3</sub> N <sub>4</sub> composite for photocatalytic degradation of tylosin in an aqueous solution. <b>2018</b> , 44, 3151-3167		18
265	Preparation and study on the photocatalytic mechanism of ZnFe <sub>2</sub> O <sub>4</sub> /Ag <sub>3</sub> PO <sub>4</sub> composite photocatalysts. <b>2018</b> , 33, 262-270		6
264	Investigation of the visible light photocatalytic activity of BiVO prepared by sol gel method assisted by ultrasonication. <b>2018</b> , 45, 123-132		26
263	Decoration of mesoporous Co <sub>3</sub> O <sub>4</sub> nanospheres assembled by monocrystal nanodots on g-C <sub>3</sub> N <sub>4</sub> to construct Z-scheme system for improving photocatalytic performance. <b>2018</b> , 440, 308-319		67
262	Synthesis of a novel narrow-band-gap iron(II,III) oxide/titania/silver silicate nanocomposite as a highly efficient and stable visible light-driven photocatalyst. <b>2018</b> , 515, 119-128		22
261	One-step synthesis of Ag <sub>2</sub> S/Ag@MoS <sub>2</sub> nanocomposites for SERS and photocatalytic applications. <b>2018</b> , 20, 1		12
260	Adsorptive and photocatalytic removal of Persistent Organic Pollutants (POPs) in water by metal-organic frameworks (MOFs). <i>Chemical Engineering Journal</i> , <b>2018</b> , 337, 351-371	14.7	276
259	Pd@HNTs-CDNS-g-CN: A novel heterogeneous catalyst for promoting ligand and copper-free Sonogashira and Heck coupling reactions, benefits from halloysite and cyclodextrin chemistry and g-CN contribution to suppress Pd leaching. <b>2018</b> , 186, 25-34		91
258	Highly improved visible-light-induced photocatalytic performance over BiOI/Ag <sub>2</sub> CO <sub>3</sub> heterojunctions. <b>2018</b> , 8, 537-546		37
257	High efficiency visible-light-driven Fe <sub>2</sub> O <sub>3</sub> -xSx/S-doped g-C <sub>3</sub> N <sub>4</sub> heterojunction photocatalysts: Direct Z-scheme mechanism. <b>2018</b> , 34, 1511-1525		73
256	Graphitic carbon nitride embedded in hot-melt adhesive polyester and hydrophilic cellulose blend fibers for the efficient elimination of antibiotics under solar irradiation. <b>2018</b> , 453, 110-119		16
255	Fabrication of the metal-free biochar-based graphitic carbon nitride for improved 2-Mercaptobenzothiazole degradation activity. <b>2018</b> , 358, 284-293		47
254	Direct evidence of IR-driven hot electron transfer in metal-free plasmonic W <sub>18</sub> O <sub>49</sub> /Carbon heterostructures for enhanced catalytic H <sub>2</sub> production. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 233, 19-25	21.8	75
253	NiS and MoS nanosheet co-modified graphitic CN ternary heterostructure for high efficient visible light photodegradation of antibiotic. <b>2018</b> , 341, 10-19		138
252	Structural, surface area and FTIR characterization of Zn <sub>0.95</sub> Cu <sub>0.05</sub> Fe <sub>0.0</sub> xO nanocomposites prepared via sol-gel method. <b>2018</b> , 29, 2184-2192		6

251	Highly efficient visible-light photocatalytic performance of Ag/AgIn <sub>5</sub> S <sub>8</sub> for degradation of tetracycline hydrochloride and treatment of real pharmaceutical industry wastewater. <i>Chemical Engineering Journal</i> , <b>2018</b> , 333, 423-433	14.7	179
250	Fabrication of magnetically recoverable photocatalysts using g-C <sub>3</sub> N <sub>4</sub> for effective separation of charge carriers through like-Z-scheme mechanism with Fe <sub>3</sub> O <sub>4</sub> mediator. <i>Chemical Engineering Journal</i> , <b>2018</b> , 331, 615-625	14.7	141
249	Facile formation of metallic bismuth/bismuth oxide heterojunction on porous carbon with enhanced photocatalytic activity. <b>2018</b> , 513, 82-91		40
248	Rational and green synthesis of novel two-dimensional WS <sub>2</sub> /MoS <sub>2</sub> heterojunction via direct exfoliation in ethanol-water targeting advanced visible-light-responsive photocatalytic performance. <b>2018</b> , 513, 389-399		52
247	Review on magnetically separable graphitic carbon nitride-based nanocomposites as promising visible-light-driven photocatalysts. <b>2018</b> , 29, 1719-1747		402
246	Large enhanced photocatalytic activity of g-CN by fabrication of a nanocomposite with introducing upconversion nanocrystal and Ag nanoparticles.. <b>2018</b> , 8, 42308-42321		13
245	Visible-light-driven Ag/BiOCl nanocomposite photocatalyst with enhanced photocatalytic activity for degradation of tetracycline.. <b>2018</b> , 8, 37200-37207		38
244	Synthesis of Bi <sub>2</sub> S <sub>3</sub> microsphere and its efficient photocatalytic activity under visible-light irradiation. <b>2018</b> , 28, 2002-2010		24
243	The synthesis of graphene-TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> super-thin heterojunctions with enhanced visible-light photocatalytic activities. <b>2018</b> , 20, 1		18
242	Construction of Novel CdS/SnNb <sub>2</sub> O <sub>6</sub> Heterojunctions with Enhanced Photocatalytic Degradation Activity Under Visible Light. <b>2018</b> , 2018, 4812-4818		3
241	Well-dispersed zero-valent iron supported on Fe <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> composites via a facile approach with versatile photoredox catalysis. <b>2018</b> , 20, 1		4
240	Two dimensional Rh/Fe <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> -N enabled hydrazine mediated catalytic transfer hydrogenation of nitroaromatics: A predictable catalyst model with adjoining Rh. <b>2018</b> , 368, 20-30		32
239	Eggshell Membrane-Templated MnO Nanoparticles: Facile Synthesis and Tetracycline Hydrochloride Decontamination. <b>2018</b> , 13, 255		11
238	Molecular Engineering of Donor-Acceptor Conjugated Polymer/g-C <sub>3</sub> N <sub>4</sub> Heterostructures for Significantly Enhanced Hydrogen Evolution Under Visible-Light Irradiation. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1804512	15.6	115
237	A New Graphitic Carbon Nitride/Horseradish Peroxidase Hybrid NanoBio Artificial Catalytic System for Unselective Degradation of Persistent Phenolic Pollutants. <b>2018</b> , 5, 1801297		20
236	Single Pt Atom with Highly Vacant d-Orbital for Accelerating Photocatalytic H <sub>2</sub> Evolution. <b>2018</b> , 1, 6082-6088		56
235	Fabrication of Z-Scheme Heterojunction by Anchoring Mesoporous Fe <sub>2</sub> O <sub>3</sub> Nanospheres on g-C <sub>3</sub> N <sub>4</sub> for Degrading Tetracycline Hydrochloride in Water. <b>2018</b> , 6, 16437-16447		105
234	Fabrication of magnetic g-C <sub>3</sub> N <sub>4</sub> for effectively enhanced tetracycline degradation with RGO as mediator. <b>2018</b> , 42, 15974-15984		13

233	Magnetic field enhanced denitrification in nitrate and ammonia contaminated water under 3D/2D Mn <sub>2</sub> O <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> photocatalysis. <i>Chemical Engineering Journal</i> , <b>2018</b> , 349, 530-538	14.7	46
232	Making of a metal-free graphitic carbon nitride composites based on biomass carbon for efficiency enhanced tetracycline degradation activity. <b>2018</b> , 89, 151-161		17
231	Heterogeneous photocatalysis and its potential applications in water and wastewater treatment: a review. <b>2018</b> , 29, 342001		244
230	Exceptional visible-light activities of g-C <sub>3</sub> N <sub>4</sub> nanosheets dependent on the unexpected synergistic effects of prolonging charge lifetime and catalyzing H <sub>2</sub> evolution with H <sub>2</sub> O. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 237, 50-58	21.8	41
229	FeOOH quantum dots coupled g-C <sub>3</sub> N <sub>4</sub> for visible light driving photo-Fenton degradation of organic pollutants. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 237, 513-520	21.8	143
228	g-C <sub>3</sub> N <sub>4</sub> @Fe <sub>2</sub> O <sub>3</sub> /C Photocatalysts: Synergistically Intensified Charge Generation and Charge Transfer for NADH Regeneration. <b>2018</b> , 8, 5664-5674		99
227	Facile in situ construction of mediator-free direct Z-scheme g-C <sub>3</sub> N <sub>4</sub> /CeO <sub>2</sub> heterojunctions with highly efficient photocatalytic activity. <b>2018</b> , 51, 275302		80
226	Construction 0D/2D heterojunction by highly dispersed Ni <sub>2</sub> P QDs loaded on the ultrathin g-C <sub>3</sub> N <sub>4</sub> surface towards superhigh photocatalytic and photoelectric performance. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 237, 919-926	21.8	78
225	Construction of novel Z-scheme Ag/FeTiO <sub>3</sub> /Ag/BiFeO <sub>3</sub> photocatalyst with enhanced visible-light-driven photocatalytic performance for degradation of norfloxacin. <i>Chemical Engineering Journal</i> , <b>2018</b> , 351, 1056-1066	14.7	58
224	Highly dispersed and noble metal-free MPX (M = Ni, Co, Fe) coupled with g-C <sub>3</sub> N <sub>4</sub> nanosheets as 0D/2D photocatalysts for hydrogen evolution. <b>2018</b> , 458, 893-902		32
223	Visible-light-driven photocatalytic degradation of fenpyroximate in rotating packed bed reactor using Fe <sub>3</sub> O <sub>4</sub> @PbS@Ni <sub>2</sub> P magnetic nanocomposite photocatalyst: Response surface modelling and optimization. <b>2018</b> , 32, e4513		11
222	Z-scheme mesoporous photocatalyst constructed by modification of Sn <sub>3</sub> O <sub>4</sub> nanoclusters on g-C <sub>3</sub> N <sub>4</sub> nanosheets with improved photocatalytic performance and mechanism insight. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 238, 284-293	21.8	254
221	Magnetically Recyclable FeO@Zn CdS Core-Shell Microspheres for Visible Light-Mediated Photocatalysis. <b>2018</b> , 34, 9264-9271		19
220	Review on fabrication of graphitic carbon nitride based efficient nanocomposites for photodegradation of aqueous phase organic pollutants. <b>2018</b> , 67, 28-51		204
219	Mesoporous ferriferrous oxide nanoreactors modified on graphitic carbon nitride towards improvement of physical, photoelectrochemical properties and photocatalytic performance. <b>2018</b> , 531, 331-342		102
218	Black phosphorus quantum dot/g-C <sub>3</sub> N <sub>4</sub> composites for enhanced CO <sub>2</sub> photoreduction to CO. <b>2018</b> , 61, 1159-1166		84
217	Construction and improved photocatalytic performance of Fe <sub>3</sub> O <sub>4</sub> @resorcinol-formaldehyde-resins/Ag <sub>3</sub> PO <sub>4</sub> /Ag/AgBr magnetic multi-component catalyst. <b>2018</b> , 29, 10061-10070		1
216	Fabrication, physicochemical properties and photocatalytic activity of Ag <sub>0.68</sub> V <sub>2</sub> O <sub>5</sub> hierarchical architecture assembled by ultrathin nanosheets. <b>2018</b> , 87, 272-280		31



215	Construction of an attapulgite intercalated mesoporous g-C <sub>3</sub> N <sub>4</sub> with enhanced photocatalytic activity for antibiotic degradation. <b>2018</b> , 359, 102-110		36
214	Effect of porous modification on the synthesis and photocatalytic activity of graphitic carbon nitride/carbon quantum dot nanocomposite. <b>2018</b> , 29, 17454-17462		5
213	Enhanced photocatalytic performance and stability of visible-light-driven Z-scheme CdS/Ag/g-C <sub>3</sub> N <sub>4</sub> nanosheets photocatalyst. <b>2018</b> , 42, 12437-12448		26
212	Facile synthesis of NiS <sub>2</sub> nanoparticles ingrained in a sulfur-doped carbon nitride framework with enhanced visible light photocatalytic activity: two functional roles of thiourea. <b>2018</b> , 6, 13448-13466		49
211	Preparation of Ag-doped g-C <sub>3</sub> N <sub>4</sub> Nano Sheet Decorated Magnetic [Fe <sub>2</sub> O <sub>3</sub> @SiO <sub>2</sub> Core]Shell Hollow Spheres through a Novel Hydrothermal Procedure: Investigation of the Catalytic activity for A <sub>3</sub> , KA <sub>2</sub> Coupling Reactions and [3+2] Cycloaddition. <b>2018</b> , 32, e4413		18
210	Synthesis and characterization of Fe <sub>3</sub> O <sub>4</sub> /BiOI n-p heterojunction magnetic photocatalysts. <b>2018</b> , 455, 742-747		44
209	Fabricated rGO-modified AgS nanoparticles/g-CN nanosheets photocatalyst for enhancing photocatalytic activity. <b>2019</b> , 554, 468-478		53
208	Synthesis of solar-light responsive Pt/g-C <sub>3</sub> N <sub>4</sub> /SrTiO <sub>3</sub> composite for improved hydrogen production: Investigation of Pt/g-C <sub>3</sub> N <sub>4</sub> /SrTiO <sub>3</sub> synthetic sequences. <b>2019</b> , 44, 21413-21423		19
207	Codoped g-C <sub>3</sub> N <sub>4</sub> nanosheet for degradation of organic pollutants from oily wastewater. <b>2019</b> , 494, 952-958	20	
206	Ultrathin magnetic Mg-Al LDH photocatalyst for enhanced CO reduction: Fabrication and mechanism. <b>2019</b> , 555, 1-10		40
205	A ternary Ag <sub>3</sub> TiO <sub>2</sub> /reduced graphene oxide nanocomposite as the anode material for lithium ion batteries. <b>2019</b> , 6, 2126-2134		5
204	Fabrication of magnetic quantum dots modified Z-scheme Bi <sub>2</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> photocatalysts with superior hydroxyl radical productivity for the degradation of rhodamine B. <b>2019</b> , 493, 458-469		33
203	Single-source-precursor-assisted synthesis of porous WO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> with enhanced photocatalytic property. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 582, 123857	5.1	27
202	Flexible and Highly Sensitive Humidity Sensor Based on Sandwich-Like Ag/FeO Nanowires Composite for Multiple Dynamic Monitoring. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	12
201	Two-dimensional carbon nitride-based composites for photocatalytic hydrogen evolution. <b>2019</b> , 44, 30935-30948		18
200	Novel Co-doped Fe <sub>3</sub> O <sub>4</sub> /Bi <sub>2</sub> WO <sub>6</sub> core-shell magnetic photocatalysts with enhanced photocatalytic degradation of contaminants. <b>2019</b> , 43, 15335-15341		10
199	Effect of CdS shell thickness on the photocatalytic properties of TiO <sub>2</sub> @CdS core-shell nanorod arrays. <b>2019</b> , 30, 17682-17692		7
198	Junction of porous g-C <sub>3</sub> N <sub>4</sub> with BiVO <sub>4</sub> using Au as electron shuttle for cocatalyst-free robust photocatalytic hydrogen evolution. <b>2019</b> , 498, 143808		18

197	Ce doping TiO <sub>2</sub> /halloysite nanotubes photocatalyst for enhanced electrons transfer and photocatalytic degradation of Tetracycline. <b>2019</b> , 30, 19126-19136	8
196	Enhanced Visible-Light Photocatalytic Remediation of Tetracycline Hydrochloride by Nanostructured BiOI Homojunctions. <b>2019</b> , 14, 1950112	4
195	Fabrication of Fe <sub>3</sub> O <sub>4</sub> quantum dots modified BiOCl/BiVO <sub>4</sub> p-n heterojunction to enhance photocatalytic activity for removing broad-spectrum antibiotics under visible light. <b>2019</b> , 96, 681-690	65
194	Fabrication of Na, Cl co-doped graphitic carbon nitride with enhanced photocatalytic activity for degradation of dyes and antibiotics. <b>2019</b> , 30, 4446-4454	14
193	Heterojunction photocatalyst fabricated by deposition Co <sub>3</sub> O <sub>4</sub> nanoparticles on MoS <sub>2</sub> nanosheets with enhancing photocatalytic performance and mechanism insight. <b>2019</b> , 97, 158-169	24
192	Ultrafine silver nanoparticles deposited on sodium-doped graphitic carbon nitride towards enhanced photocatalytic degradation of dyes and antibiotics under visible light irradiation. <b>2019</b> , 476, 741-748	17
191	Plasmon-assisted demolition of antibiotic using sono-photoreduction decoration of Ag on 2D CN nanophotocatalyst enhanced with acid-treated clinoptilolite. <b>2019</b> , 54, 220-232	21
190	Ag decorated G-C <sub>3</sub> N <sub>4</sub> /black titanium oxides composite for the destruction of environmental pollutant under solar irradiation. <b>2019</b> , 97, 2632-2641	2
189	A novel and efficient route for aryl ketones generation over Co <sub>3</sub> O <sub>4</sub> /Ag@C <sub>3</sub> N <sub>4</sub> photocatalyst. <b>2019</b> , 207, 271-279	19
188	Pharmaceutically active compounds in aqueous environment: A status, toxicity and insights of remediation. <b>2019</b> , 176, 108542	89
187	Synthesis of Fe <sub>2</sub> O <sub>3</sub> /Pt/Au nanocomposite immobilized on g-C <sub>3</sub> N <sub>4</sub> for localized plasmon photocatalytic hydrogen evolution. <b>2019</b> , 489, 741-754	26
186	Removal of Rhodamine B by g-C <sub>3</sub> N <sub>4</sub> /Co <sub>3</sub> O <sub>4</sub> /MWCNT composite stabilized in hydrogel via the synergy of adsorption and photocatalysis under visible light. <b>2019</b> , 30, 12475-12486	4
185	A Cocystal Precursor Strategy for Carbon-Rich Graphitic Carbon Nitride toward High-Efficiency Photocatalytic Overall Water Splitting. <b>2019</b> , 16, 22-30	28
184	An amorphous MoS modified g-CN composite for efficient photocatalytic hydrogen evolution under visible light.. <b>2019</b> , 9, 15900-15909	14
183	Highly efficient visible light driven photocatalytic inactivation of E. coli with Ag QDs decorated Z-scheme Bi <sub>2</sub> S <sub>3</sub> /SnIn <sub>4</sub> S <sub>8</sub> composite. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 254, 403-413	21.8 60
182	Self-assembled g-C <sub>3</sub> N <sub>4</sub> nanoarchitectures with boosted photocatalytic solar-to-hydrogen efficiency. <b>2019</b> , 487, 59-67	37
181	Engineering nanomaterials for water and wastewater treatment: review of classifications, properties and applications. <b>2019</b> , 43, 7902-7927	49
180	Flower-like structured Fe <sub>3</sub> O <sub>4</sub> /MQDs/Bi <sub>2</sub> WO <sub>6</sub> /GNs heterojunction with high-efficiently charge transfer for organic contaminants degradation. <b>2019</b> , 99, 276-283	6

179	Synthesis of magnetically recoverable visible-light-induced photocatalysts by combination of Fe <sub>3</sub> O <sub>4</sub> /ZnO with BiOI and polyaniline. <b>2019</b> , 29, 145-155		19
178	Construction of novel Z-scheme Ag/ZnFeO/Ag/BiTaVO system with enhanced electron transfer capacity for visible light photocatalytic degradation of sulfanilamide. <b>2019</b> , 375, 161-173		31
177	Graphitic carbon nitride (g-CN)/graphite nanocomposite as an extraordinarily sensitive sensor for sub-micromolar detection of oxalic acid in biological samples.. <b>2019</b> , 9, 13096-13103		15
176	Enhancement of visible-light-driven photocatalytic activity of carbon plane/g-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> nanocomposite by improving heterojunction contact. <i>Chemical Engineering Journal</i> , <b>2019</b> , 371, 706-718	14.7	68
175	Semiconductor polymeric graphitic carbon nitride photocatalysts: the Holy grail for the photocatalytic hydrogen evolution reaction under visible light. <b>2019</b> , 12, 2080-2147		470
174	Enhancement of photocatalytic H <sub>2</sub> evolution on pyrene-based polymer promoted by MoS <sub>2</sub> and visible light. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 251, 102-111	21.8	41
173	VOx molecular level grafted g-C <sub>3</sub> N <sub>4</sub> for highly selective oxidation of methanol to dimethoxymethane. <b>2019</b> , 469, 48-56		9
172	Enhanced photocatalytic H <sub>2</sub> production over dual-cocatalyst-modified g-C <sub>3</sub> N <sub>4</sub> heterojunctions. <b>2019</b> , 40, 434-445		100
171	Magnetic Hierarchical Photocatalytic Nanoreactors: Toward Highly Selective Cd <sup>2+</sup> Removal with Secondary Pollution Free Tetracycline Degradation. <b>2019</b> , 2, 1664-1674		26
170	Single-atom silver-manganese catalysts for photocatalytic CO <sub>2</sub> reduction with H <sub>2</sub> O to CH <sub>4</sub> . <b>2019</b> , 195, 34-42		30
169	Synthesis of Well-Defined Pt-Based Catalysts for Methanol Oxidation Reaction Based on Electron-Hole Separation Effects. <b>2019</b> , 7, 8597-8603		6
168	Construction of Mesoporous NCQDs/BiOCl Composites for Photocatalytic-Degrading Organic Pollutants in Water under Visible and Near-Infrared Light. <b>2019</b> , 145, 04019031		9
167	Recent Advances in the Aspects of Architectural Photocatalysts and its Application. <b>2019</b> , 6, 3-19		1
166	MoS <sub>2</sub> /ZIF-8 Hybrid Materials for Environmental Catalysis: Solar-Driven Antibiotic-Degradation Engineering. <b>2019</b> , 5, 755-767		33
165	Magnetically Separable Fe <sub>3</sub> O <sub>4</sub> /BiOBr Microspheres: Synthesis, Characterization, and Photocatalytic Performance for Removal of Anionic Azo Dye. <b>2019</b> , 36, 466-477		4
164	Novel rugby-ball-like Zn <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> @C <sub>3</sub> N <sub>4</sub> photocatalyst with highly enhanced visible-light photocatalytic performance. <i>Separation and Purification Technology</i> , <b>2019</b> , 217, 137-146	8.3	26
163	Flexible and Thermally Induced Switchable Fire Alarm Fabric Based On Layer-by-Layer Self-Assembled Silver Sheet/FeO Nanowire Composite. <b>2019</b> , 11, 47456-47467		21
162	Photocatalytic Performance and Mechanistic Research of ZnO/g-CN on Degradation of Methyl Orange. <b>2019</b> , 4, 20742-20747		24

161	Construction of novel Ag/HKUST-1/g-CN towards enhanced photocatalytic activity for the degradation of pollutants under visible light.. <b>2019</b> , 9, 41591-41602		8
160	Insight into the effect of co-doped to the photocatalytic performance and electronic structure of g-C3N4 by first principle. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 241, 319-328	21.8	82
159	Facile preparation of Ag/Ag2WO4/g-C3N4 ternary plasmonic photocatalyst and its visible-light photocatalytic activity. <b>2019</b> , 33, e4683		8
158	Solvent effect on morphological evolution and photocatalytic property of SnWO4. <b>2019</b> , 95, 575-582		12
157	Preparation and photocatalytic properties of magnetic g-C3N4/TNTs nanocomposites. <b>2019</b> , 465, 24-32		10
156	Sonocatalytic decolorization of methylene blue from aqueous media by La:ZnO/GO nanocomposites. <b>2019</b> , 45, 1985-2005		5
155	Remediation of phenanthrene contaminated soil by g-CN/FeO composites and its phytotoxicity evaluation. <i>Chemosphere</i> , <b>2019</b> , 221, 554-562	8.4	25
154	Preparation and visible-light-driven photocatalytic property of AgX (X = Cl, Br, I) nanomaterials. <b>2019</b> , 776, 948-953		16
153	Photo-deposition preparation of supported Pd catalysts for non-phosgene one-step synthesis of diphenyl carbonate. <b>2019</b> , 119, 106-110		3
152	Effect of calcination on structure and photocatalytic property of N-TiO/g-CN@diatomite hybrid photocatalyst for improving reduction of Cr(VI). <b>2019</b> , 245, 53-62		71
151	Studying of Co-doped g-C3N4 and modified with Fe3O4 quantum dots on removing tetracycline. <b>2019</b> , 775, 248-258		29
150	Photophysical and photochemical insights of the photodegradation of norfloxacin: The rate-limiting step and the influence of Ca ion. <i>Chemosphere</i> , <b>2019</b> , 219, 236-242	8.4	8
149	Magnetically Recyclable MoS2/Fe3O4 Hybrid Composite as Visible Light Responsive Photocatalyst with Enhanced Photocatalytic Performance. <b>2019</b> , 7, 1673-1682		46
148	Zeolitic Imidazolate Framework 8-Derived Au@ZnO for Efficient and Robust Photocatalytic Degradation of Tetracycline. <b>2019</b> , 37, 148-154		14
147	Insight into photocatalytic activity, universality and mechanism of copper/chlorine surface dual-doped graphitic carbon nitride for degrading various organic pollutants in water. <b>2019</b> , 538, 462-473		60
146	Recent developments in fabrication and structure regulation of visible-light-driven g-C3N4-based photocatalysts towards water purification: A critical review. <b>2019</b> , 335, 65-77		239
145	Construction of g-C3N4/TiO2/Ag composites with enhanced visible-light photocatalytic activity and antibacterial properties. <b>2020</b> , 46, 696-702		31
144	In-situ fabrication of Z-scheme Bi3O4Cl/Bi12O17Cl2 heterostructure by facile pH control strategy to boost removal of various pollutants in water. <i>Chemical Engineering Journal</i> , <b>2020</b> , 388, 123483	14.7	31

143	Visible-light-driven photocatalysis-assisted adsorption of azo dyes using Ag <sub>2</sub> O. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 585, 124105	5.1	21
142	Facile synthesis of ultra-small Ag decorated g-C <sub>3</sub> N <sub>4</sub> photocatalyst via strong interaction between Ag <sup>+</sup> and cyano group in monocyanamide. <b>2020</b> , 503, 143891		13
141	Preparation and Photocatalytic Performance of Dumbbell AgCO-ZnO Heterojunctions. <b>2020</b> , 5, 570-577		12
140	Magnetite-based catalysts for wastewater treatment. <b>2020</b> , 27, 4664-4682		10
139	Designed Redox Ions Pairs imprinted photocatalyst of Fe <sup>3+</sup> @PoPD/TiO <sub>2</sub> /HNTs for enhanced photocatalytic activity. <b>2020</b> , 35, 843-852		3
138	Fabrication of highly stable CdS/g-C <sub>3</sub> N <sub>4</sub> composite for enhanced photocatalytic degradation of RhB and reduction of CO <sub>2</sub> . <b>2020</b> , 55, 3299-3313		17
137	Synthesis and evaluation of the performance of g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /Ag photocatalyst for the efficient removal of diazinon: Kinetic studies. <b>2020</b> , 389, 112279		27
136	Three-dimensional Z-Scheme Ag <sub>3</sub> PO <sub>4</sub> /Co <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> @Ag heterojunction for improved visible-light photocatalytic degradation activity of tetracycline. <b>2020</b> , 818, 152883		53
135	FeO-Loaded g-CN/C-Layered Composite as a Ternary Photocatalyst for Tetracycline Degradation. <b>2020</b> , 5, 30980-30988		10
134	Preparation of noble metal Ag-modified BiVO <sub>4</sub> nanosheets and a study on the degradation performance of tetracyclines. <b>2020</b> , 44, 13815-13823		14
133	Mechanism insight into efficient peroxydisulfate activation by novel nano zero-valent iron anchored γCoO (nZVI/γCoO) composites. <b>2020</b> , 400, 123157		13
132	A promising Z-scheme heterojunction via loading Ag/AgCl into porous Co <sub>3</sub> O <sub>4</sub> derived from ZIF-67 for visible light driven photocatalysis. <b>2020</b> , 307, 110530		9
131	Sunlight Assisted improved photocatalytic degradation of rhodamine B using Pd-loaded g-C <sub>3</sub> N <sub>4</sub> /WO <sub>3</sub> nanocomposite. <b>2020</b> , 126, 1		8
130	Construction of a rod-like Bi <sub>2</sub> O <sub>4</sub> modified porous g-C <sub>3</sub> N <sub>4</sub> nanosheets heterojunction photocatalyst for the degradation of tetracycline. <b>2020</b> , 44, 9725-9735		5
129	Porous visible light-responsive Fe-doped carbon nitride for efficient degradation of sulfadiazine. <b>2020</b> , 27, 27849-27858		12
128	Smart bilayer polymer reactor with cascade/non-cascade switching catalyst characteristics. <b>2020</b> , 17, 100279		6
127	Design of novel structured Au/g-C <sub>3</sub> N <sub>4</sub> nanosheet/reduced graphene oxide nanocomposites for enhanced visible light photocatalytic activities. <b>2020</b> , 4, 4086-4095		7
126	NaCl-assisted synthesis of Fe <sup>2+</sup> self-doped Fe <sub>2</sub> O <sub>3</sub> /C <sub>3</sub> N <sub>4</sub> nanosheets as efficient Fenton catalyst. <b>2020</b> , 55, 10035-10046		5

125	A review on photocatalysis in antibiotic wastewater: Pollutant degradation and hydrogen production. <b>2020</b> , 41, 1440-1450		99
124	Ag/Nanodiamond/g-C3N4 heterostructures with enhanced visible-light photocatalytic performance. <b>2020</b> , 525, 146576		18
123	Multi-shelled hollow cube CaTiO decorated with BiOCl towards enhancing photocatalytic performance under the visible light. <b>2020</b> , 576, 21-33		20
122	Direct Z-scheme red carbon nitride/rod-like lanthanum vanadate composites with enhanced photodegradation of antibiotic contaminants. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 277, 119245	21.8	39
121	Fabrication of a Z-scheme nanocomposite photocatalyst for enhanced photocatalytic degradation of ibuprofen under visible light irradiation. <i>Separation and Purification Technology</i> , <b>2020</b> , 250, 117241	8.3	13
120	A trade-off between adsorption and photocatalysis over ZIF-derived composite. <b>2020</b> , 393, 122491		22
119	Electro-UV/H <sub>2</sub> O <sub>2</sub> system with RGO-modified air diffusion cathode for simulative antibiotic-manufacture effluent treatment. <i>Chemical Engineering Journal</i> , <b>2020</b> , 390, 124650	14.7	10
118	Facile Fabrication of a Novel Au/Phosphorus-Doped g-C3N4 Photocatalyst with Excellent Visible Light Photocatalytic Activity. <b>2020</b> , 10, 701		11
117	ZnO-Modified g-CN: A Potential Photocatalyst for Environmental Application. <b>2020</b> , 5, 3828-3838		60
116	Highly active novel CeTi <sub>2</sub> O <sub>6</sub> /g-C3N <sub>5</sub> photocatalyst with extended spectral response towards removal of endocrine disruptor 2, 4-dichlorophenol in aqueous medium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 592, 124583	5.1	17
115	Fabrication of Hierarchical CoS@ZnAgInS Heterostructured Cages for Highly Efficient Photocatalytic Hydrogen Generation and Pollutants Degradation. <b>2020</b> , 59, 7027-7038		14
114	Cost-effective and visible-light-driven melamine-derived sponge for tetracyclines degradation and Salmonella inactivation in water. <i>Chemical Engineering Journal</i> , <b>2020</b> , 394, 124913	14.7	12
113	Construction of AgO-modified g-CN photocatalyst for rapid visible light degradation of ofloxacin. <b>2021</b> , 28, 11650-11664		4
112	Nitrogen doped g-C3N4 with the extremely narrow band gap for excellent photocatalytic activities under visible light. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 281, 119474	21.8	71
111	Visible-LED-light-driven photocatalytic degradation of ofloxacin and ciprofloxacin by magnetic biochar modified flower-like BiWO: The synergistic effects, mechanism insights and degradation pathways. <b>2021</b> , 764, 142879		30
110	A review on hospital wastewater treatment: A special emphasis on occurrence and removal of pharmaceutically active compounds, resistant microorganisms, and SARS-CoV-2. <b>2021</b> , 9, 104812		39
109	(Co, Ag, Ni, Cd, Mn, Cr)-doped PbS photo-catalyst: sonochemical-assisted synthesis of magnetite nanocomposites applicable for elimination of toxic pollutants. <b>2021</b> , 32, 373-383		2
108	Surface Engineering and Built-In Electric Field within Copper Sulfide/Graphitic Carbon Nitride Photocatalyst for Extremely Enhanced Charge Separation and Broad-Spectrum Pharmaceuticals and Personal Care Products Degradation. <b>2021</b> , 5, 2000639		4

107	Plasmon induced hot electron generation in two dimensional carbonaceous nanosheets decorated with Au nanostars: enhanced photocatalytic activity under visible light. <b>2021</b> , 5, 1448-1467		27
106	Silver nanoparticles decorated magnetic polymer composites (FeO@PS@Ag) as highly efficient reusable catalyst for the degradation of 4-nitrophenol and organic dyes. <b>2021</b> , 278, 111473		14
105	A Composite Fe $\gamma$ /g-C <sub>3</sub> N <sub>4</sub> for Liquid-Phase Selective Oxidation of Methanol with O <sub>2</sub> Oxidant. <b>2021</b> , 151, 909-919		1
104	High-performance Pt <sub>0.01</sub> Fe <sub>0.05</sub> -g-C <sub>3</sub> N <sub>4</sub> Catalyst for Photothermal Catalytic CO <sub>2</sub> Reduction. <b>2021</b> , 79, 932		4
103	Surface defect engineering and morphology control of graphitic carbon nitride with synergistically improved photocatalytic performance. <b>2021</b> , 45, 13949-13955		4
102	Construction of a CsPbBr <sub>3</sub> modified porous g-C <sub>3</sub> N <sub>4</sub> photocatalyst for effective reduction of CO <sub>2</sub> and mechanism exploration. <b>2021</b> , 45, 1082-1091		4
101	Surface Plasmonic Resonance and Z-Scheme Charge Transport Synergy in Three-Dimensional Flower-like Ag $\gamma$ TeO <sub>2</sub> $\gamma$ ZnO Heterostructures for Highly Improved Photocatalytic CO <sub>2</sub> Reduction. <b>2021</b> , 4, 3544-3554		16
100	Highly stretchable and self-foaming polyurethane composite skeleton with thermally tunable microwave absorption properties. <b>2021</b> ,		4
99	Graphitic C <sub>3</sub> N <sub>4</sub> modified by Ru(II)-based dyes for photocatalytic H <sub>2</sub> evolution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 614, 126119	5.1	9
98	Controlling the kinetics of visible-light-induced photocatalytic performance of gold decorated graphitic carbon nitride nanocomposite using different proteins. <b>2021</b> , 9, 105147		10
97	Facile fabrication of magnetic Ag/ZnO/Fe <sub>3</sub> O <sub>4</sub> composite and the photocatalytic performance under simulated sunlight irradiation. <b>2021</b> , 508, 111606		0
96	Fe <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> -CeO <sub>x</sub> fabricated by in situ-reduction towards solvent-free oxidation of styrene to benzaldehyde. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 616, 126309	5.1	2
95	A stable metal-organic framework nanofibrous membrane as photocatalyst for simultaneous removal of methyl orange and formaldehyde from aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 617, 126359	5.1	9
94	Copper vanadate nanowires on g-C <sub>3</sub> N <sub>4</sub> toward highly selective oxidation of methanol to dimethoxymethane. <b>2021</b> , 548, 149180		5
93	Magnetic FeO/attapulgite hybrids for Cd(II) adsorption: Performance, mechanism and recovery. <b>2021</b> , 412, 125237		10
92	Visible light photodegradation of 4-nitrophenol by new high-performance and easy recoverable Fe <sub>3</sub> O <sub>4</sub> /Ag <sub>2</sub> O-LDH hybrid photocatalysts. <b>2021</b> , 35, e6355		2
91	Polyporous PVDF/TiO <sub>2</sub> photocatalytic composites for photocatalyst fixation, recycle, and repair. <b>2021</b> , 104, 6290		1
90	In Situ Liquid-Phase Growth Strategies of g-C <sub>3</sub> N <sub>4</sub> Solar-Driven Heterogeneous Catalysts for Environmental Applications. <b>2021</b> , 5, 2100233		4

- 89 Electron transfer via a carbon channel for efficient Z-scheme solar hydrogen production. **2021**, 46, 28098-28100
- 88 Recent Advances in Plasmonic Photocatalysis Based on TiO and Noble Metal Nanoparticles for Energy Conversion, Environmental Remediation, and Organic Synthesis. **2021**, e2101638 39
- 87 VOx-MoOy single molecular layer modified graphitic carbon nitride polymer for enhanced selective styrene oxidation. **2021**, 0
- 86 Water splitting kinetics of Sr-doped g-C3N4 edge-wrinkled nanosheets under visible light. **2021**, 132, 105918 0
- 85 Predicting the trend and utility of different photocatalysts for degradation of pharmaceutically active compounds: A special emphasis on photocatalytic materials, modifications, and performance comparison. **2021**, 293, 112858 13
- 84 Aggregate-forming semi-synthetic chlorophyll derivatives / Ti3C2Tx MXene hybrids for photocatalytic hydrogen evolution. **2021**, 194, 109583 10
- 83 Production of Pd nanoparticles embedded on micro-sized chitosan/graphitic carbon nitride hybrid spheres for treatment of environmental pollutants in aqueous medium. **2021**, 47, 27736-27747 4
- 82 Constructing built-in electric field in graphitic carbon nitride hollow nanospheres by co-doping and modified in-situ Ni2P for broad spectrum photocatalytic activity. **2021**, 90, 143-149 3
- 81 TiO/g-CN photocatalyst for the purification of potassium butyl xanthate in mineral processing wastewater. **2021**, 297, 113311 16
- 80 Syntheses of Ag[Cu@Ag]APTMSboehmite as a photocatalyst for methylene blue degradation in batch and continuous flow systems under visible light. **2021**, 16, 100493 1
- 79 Research progress of magnetic bismuth-based materials in photocatalysis: A review. **2021**, 886, 161096 12
- 78 Superior photocatalytic activity towards chlortetracycline degradation over novel g-C3N4 nanosheets/schwertmannite nanocomposites with accelerated Fe(III)/Fe(II) cycling. *Separation and Purification Technology*, **2021**, 279, 119760 8.3 4
- 77 Fabrication of ternary Ag/La-black TiO2 photocatalyst with enhanced visible-light photocatalytic activity for tetracycline degradation. **2022**, 891, 161960 10
- 76 Construction of ternary CuO/CuFeO/g-CN composite and its enhanced photocatalytic degradation of tetracycline hydrochloride with persulfate under simulated sunlight.. **2022**, 112, 59-70 25
- 75 Single metal atom oxide anchored Fe3O4-ED-rGO for highly efficient photodecomposition of antibiotic residues under visible light illumination. *Applied Catalysis B: Environmental*, **2022**, 300, 120740<sup>21.8</sup> 1
- 74 Renewable biomass-derived carbon-supported g-CN doped with Ag for enhanced photocatalytic reduction of CO. **2022**, 606, 1311-1321 8
- 73 Role of transition metal oxides in g-C3N4-based heterojunctions for photocatalysis and supercapacitors. **2022**, 64, 214-235 15
- 72 Visible-light-driven photocatalytic degradation of RhB by carbon-quantum-dot-modified g-C3N4 on carbon cloth. **2021**, 23, 4782-4790 1



71	Synthesis and characterization of Graphitic Carbon Nitride/Mesoporous Nano-Silica (g-C3N4/KCC-1) nanocomposite as a novel highly efficient and recyclable photocatalyst for degradation of antibiotic in aqueous solution. <b>2021</b> , 47, 1447-1469	5
70	Application of g-C3N4-based Materials for the Efficient Removal and Degradation of Pollutants in Water and Wastewater Treatment. <b>2021</b> , 95-119	
69	TiC MXene modified g-CN with enhanced visible-light photocatalytic performance for NO purification. <b>2020</b> , 575, 443-451	39
68	Surface defective g-CNCl with unique spongy structure by polarization effect for enhanced photocatalytic removal of organic pollutants. <b>2020</b> , 398, 122897	28
67	Decoration of Fe3O4 base material with Ag/AgCl nanoparticle as recyclable visible-light driven photocatalysts for highly-efficient photocatalytic disinfection of Escherichia coli. <b>2020</b> , 102, 106159	4
66	Facile Synthesis of Flower-like Superparamagnetic Fe3O4/BiOCl Nanocomposites as High Effective Magnetic Recyclable Photocatalyst under Visible Light. <b>2016</b> , 21, 179-182	3
65	Study on the performance of a MOF-808-based photocatalyst prepared by a microwave-assisted method for the degradation of antibiotics.. <b>2021</b> , 11, 32955-32964	3
64	Dual enhancement of photooxidation and photoreduction activity by coating CdS nanoparticles on lignin-based biomass carbon with irregular flower-like structure. <b>2021</b> , 56, 19452	2
63	Stomata-inspired smart bilayer catalyst with the dual-responsive ability, capable of single/tandem catalysis. <b>2021</b> , 234, 124238	0
62	Synthesis of magnetic activated carbons from black liquor lignin and Fenton sludge in a one-step pyrolysis for methylene blue adsorption. <b>2021</b> , 9, 106538	3
61	Hybrid 0D/2D heterostructures: in-situ growth of 0D g-C3N4 on 2D BiOI for efficient photocatalyst. 1	5
60	Magnetic induced fabrication of core-shell structure Fe3O4@TiO2 photocatalytic membrane: enhancing photocatalytic degradation of tetracycline and antifouling performance. <b>2021</b> , 106666	2
59	Facile fabrication of melamine sponge@covalent organic framework composite for enhanced degradation of tetracycline under visible light. <i>Chemical Engineering Journal</i> , <b>2022</b> , 430, 132817	14.7 6
58	Recent advancements of g-CN-based magnetic photocatalysts towards the degradation of organic pollutants: a review. <b>2021</b> , 33,	0
57	Recent Advances in Magnetically Separable g-C3N4 Based Multi-component Nanocomposites for Visible-Light Driven Photo-Catalysis. <b>2021</b> , 201-210	
56	Photocatalysis in alkali activated cementitious materials. <b>2022</b> , 46, 103749	2
55	Synthesis and application of g-CN/FeO/Ag nanocomposite for the efficient photocatalytic inactivation of Escherichia coli and Bacillus subtilis bacteria in aqueous solutions. <b>2021</b> , 11, 161	2
54	Efficient removal of Cr(VI) using partially oxidized FeS under visible light. <b>2022</b> , 48, 935	

53	Construction of new recoverable Ag-Fe <sub>3</sub> O <sub>4</sub> @CaAl LDH nanohybrids for visible light degradation of piroxicam. <b>2022</b> , 278, 115630		1
52	Magnetically sensitive TiO <sub>2</sub> hollow sphere/Fe <sub>3</sub> O <sub>4</sub> core-shell hybrid catalyst for high-performance sunlight-assisted photocatalytic degradation of aqueous antibiotic pollutants. <b>2022</b> , 902, 163612		5
51	Magnetic Ag <sub>3</sub> PO <sub>4</sub> /Ag <sub>2</sub> CrO <sub>4</sub> /Fe/Fe <sub>3</sub> O <sub>4</sub> quaternary composite for improved solar-driven photocatalytic degradation of cationic dyes under natural solar radiation. <b>2022</b> , 428, 113856		
50	Facile fabrication of novel Z-scheme g-CN nanosheets/ BiOI photocatalysts with highly rapid photodegradation of RhB under visible light irradiation.. <b>2022</b> , 616, 453-464		0
49	Solar-driven aromatic aldehydes: green production from mandelic acid derivatives by a Co(ii)/CN combined catalyst in aqueous media.. <b>2022</b> , 12, 5245-5254		
48	CdS and Ag synergistically improved the performance of g-CN on visible-light photocatalytic degradation of pollution.. <b>2022</b> , 1		0
47	A Dual-Channel Charge Transfer Heterostructure toward Boosting Photocatalytic Hydrogen Evolution. 2200115		2
46	Cuprum/Carbon Co-doped Carbon Nitride with Adjustable Light Absorption and Carrier Separation for Synergistically Enhanced Photocatalytic Wastewater Purification. 1		2
45	Comprehensive review on advanced reusability of g-CN based photocatalysts for the removal of organic pollutants.. <i>Chemosphere</i> , <b>2022</b> , 134190	8.4	6
44	Simple preparation of in-situ oxidized titanium carbide MXene for photocatalytic degradation of catechol.		0
43	Self-Assembly of Ag Photosensitized SrTiO <sub>3</sub> 3D Binary Architectures for Highly Efficient Visible Light-Driven Dyeing Wastewater Splitting. <b>2022</b> , 165323		0
42	High performance magnetic carbonaceous materials as a photo Fenton-like catalyst for organic pollutant removal. <b>2022</b> , 47, 102849		0
41	Magnetically separable Ni/g-C <sub>3</sub> N <sub>4</sub> nanocomposites for enhanced visible-light photocatalytic degradation of methylene blue and ciprofloxacin. <b>2022</b> , 126, 109070		0
40	Constructing novel graphitic carbon nitride-based nanocomposites - From the perspective of material dimensions and interfacial characteristics.. <i>Chemosphere</i> , <b>2022</b> , 302, 134889	8.4	2
39	A Bioinspired Photocatalysis and Electrochemiluminescence Scaffold for Simultaneous Degradation and In Situ Evaluation. <i>Advanced Functional Materials</i> , 2203005	15.6	3
38	Polyhedral magnetite nanoparticles modified with porous bio-templated copper oxide as catalyst for visible-light-driven photodegradation of methylene blue. <i>International Journal of Environmental Science and Technology</i> ,	3.3	0
37	Metal-Doped Graphitic Carbon Nitride Nanomaterials for Photocatalytic Environmental ApplicationsA Review. <i>Nanomaterials</i> , <b>2022</b> , 12, 1754	5.4	3
36	Magnetically Separable Mesoporous Fe <sub>3</sub> O <sub>4</sub> @g-C <sub>3</sub> N <sub>4</sub> as a Multifunctional Material for Metallic Ion Adsorption, Oil Removal from the Aqueous Phase, Photocatalysis, and Efficient Synergistic Photoactivated Fenton Reaction. <i>Industrial &amp; Engineering Chemistry Research</i> ,	3.9	1

35	Fe-Mo Doping G-C <sub>3</sub> N <sub>4</sub> Exfoliated Composite for Removal of Rhodamine B by Advanced Oxidation and Photocatalysis. <i>SSRN Electronic Journal</i> ,	1	
34	Magnetic Se/Fe/PCN-Catalyzed Oxidative Cracking Alkenes in O <sub>2</sub> . <i>Chinese Journal of Organic Chemistry</i> , <b>2022</b> , 42, 1849	3	2
33	Deriving an $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> nanocomposite from a naturally hematite-rich soil, for dual photocatalytic and photo-Fenton degradation of Acetaminophen under visible light. <i>Separation and Purification Technology</i> , <b>2022</b> , 121723	8.3	0
32	Biomimetic O <sub>2</sub> -carrying and highly in-situ H <sub>2</sub> O <sub>2</sub> generation using Ti <sub>3</sub> C <sub>2</sub> MXene/MIL-100(Fe) hybrid via Fe-Protoporphyrin bridging for photo-fenton synergistic degradation of thiacloprid. <i>Chemical Engineering Journal</i> , <b>2022</b> , 450, 137964	14.7	1
31	Enhanced photocatalytic performance of g-C <sub>3</sub> N <sub>4</sub> @Ce-Fe bimetallic oxide with Z-scheme heterojunction for rapid degradation of tetracycline and its photodegradation pathway. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 129780	5.1	0
30	Olive Mill Wastewater Remediation: From Conventional Approaches to Photocatalytic Processes by Easily Recoverable Materials. <b>2022</b> , 12, 923		1
29	Bimetal defects boost efficient photocatalytic H <sub>2</sub> O <sub>2</sub> in-situ production of Cu <sub>1-x</sub> Co <sub>2-y</sub> O <sub>4-z</sub> for contaminant degradation. <b>2022</b> , 369, 133245		0
28	Photocatalytic oxidation pathways of arsenite on spontaneously forming FeOOH/GO heterostructure. <b>2022</b> , 299, 121796		0
27	Synthesis of magnetic nZVI@biochar catalyst from acid precipitated black liquor and Fenton sludge and its application for Fenton-like removal of rhodamine B dye. <b>2022</b> , 187, 115449		1
26	Pyridazine doped g-C <sub>3</sub> N <sub>4</sub> with nitrogen defects and spongy structure for efficient tetracycline photodegradation and photocatalytic H <sub>2</sub> evolution. <b>2022</b> , 307, 136087		0
25	Highly efficient photocatalytic H <sub>2</sub> O <sub>2</sub> generation over dysprosium oxide-integrated g-C <sub>3</sub> N <sub>4</sub> nanosheets with nitrogen deficiency. <b>2022</b> , 307, 135910		0
24	Photodegradation of ciprofloxacin antibiotic in water by using ZnO-doped g-C <sub>3</sub> N <sub>4</sub> photocatalyst. <b>2022</b> , 308, 136408		2
23	MOF-derived tunable spin-state Mn <sup>III</sup> doped g-C <sub>3</sub> N <sub>4</sub> photocatalysts with enhanced photocatalytic activity. <b>2022</b> , 302, 122146		1
22	Synthesis of magnetic Z-scheme MoS <sub>2</sub> /CdFe <sub>2</sub> O <sub>4</sub> composite for visible light induced photocatalytic degradation of tetracycline. <b>2022</b> , 152, 107075		0
21	MXene coupled graphitic carbon nitride nanosheets based plasmonic photocatalysts for removal of pharmaceutical pollutant. <b>2022</b> , 308, 136297		1
20	Dual-Mode-Driven Micromotor Based on Foam-like Carbon Nitride and Fe <sub>3</sub> O <sub>4</sub> with Improved Manipulation and Photocatalytic Performance. <b>2022</b> , 14, 44271-44281		0
19	Magnetic recyclable g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> @MIL-100(Fe) ternary catalyst for photo-Fenton degradation of ciprofloxacin. <b>2022</b> , 108698		1
18	An insight into the bridging role of Co <sub>3</sub> O <sub>4</sub> in MOF-derived binary metal oxide modified sheet-like g-C <sub>3</sub> N <sub>4</sub> for photo-assisted peroxymonosulfate activation.		0

- 17 Fe-Mo-O doping g-C<sub>3</sub>N<sub>4</sub> exfoliated composite for removal of Rhodamine B by advanced oxidation and photocatalysis. **2022**, 155544 ○
- 16 Z-scheme CuO/Fe<sub>3</sub>O<sub>4</sub>/GO heterojunction photocatalyst: Enhanced photocatalytic performance for elimination of tetracycline. **2022**, 309, 136721 ○
- 15 Electron rich P doped g-C<sub>3</sub>N<sub>4</sub> for photodegradation of 2,4-dichlorophenoxyacetic acid under visible light by improving oxygen adsorption: Performance and catalytic mechanism. **2023**, 306, 122562 ○
- 14 Facile, Morphology-Controlled and Mass Production of 0D-Ag/2D-g-C<sub>3</sub>N<sub>4</sub>/3D-TiO<sub>2</sub> Nano-composite Materials: Effect of Silver Morphology and Loading on the Electrochemical Performance. ○
- 13 Transparent zinc silicate/ zinc oxide crystallized glass-ceramics for water remediation application under visible light. **2022**, ○
- 12 Energy-saving-lamp-driven photodegradation of pyroquilon and admire in the presence of cucurbituril-block composite of g-C<sub>3</sub>N<sub>4</sub>/Ag<sub>3</sub>PO<sub>4</sub>@Q[7]. **2023**, 135, 113369 ○
- 11 Multifunctional photocatalyst of graphitic carbon embedded with Fe<sub>2</sub>O<sub>3</sub>/Fe<sub>3</sub>O<sub>4</sub> nanocrystals derived from lichen for efficient photodegradation of tetracycline and methyl blue. 1-22 ○
- 10 Graphitic carbon nitride loaded on powdered mesoporous silica nanoparticles for photocatalytic tetracycline antibiotic degradation under UV-C light irradiation. ○
- 9 Magnetically retrievable graphitic carbon nitride-based nanocomposites. **2023**, 305-358 ○
- 8 Plasmonic silver nanoparticle-deposited n-Bi<sub>2</sub>S<sub>3</sub>/p-MnOS diode-type catalyst for enhanced photocatalytic nitrogen fixation: Introducing the defective p-MnOS. **2023**, 464, 142717 ○
- 7 Construction of Fe<sub>3</sub>S<sub>4</sub>/g-C<sub>3</sub>N<sub>4</sub> composites as photo-Fenton-like catalysts to realize high-efficiency degradation of pollutants. **2023**, 49, 16070-16079 ○
- 6 Hydroxyl-rich carbon nitride microspheres with carbon doping for visible-light driven photocatalytic degradation of endocrine disrupting chemicals. **2023**, 22, 100347 ○
- 5 Microwave-assisted method synthesis of Ag/CNQDs/g-C<sub>3</sub>N<sub>4</sub> with excellent photocatalytic activity for the degradation of norfloxacin. **2023**, 662, 131001 ○
- 4 Engineering the Interface of Cu/MoS<sub>2</sub> Nanostructures for Improved Charge Transfer for Applications as PEC Anode Materials. **2023**, 6, 2972-2984 ○
- 3 Achieving Record-High Photoelectrochemical Photoresponse Characteristics by Employing Co<sub>3</sub>O<sub>4</sub> Nanoclusters as Hole Charging Layer for Underwater Optical Communication. **2023**, 17, 3901-3912 ○
- 2 Fe Single Atoms Reduced by NaBH<sub>4</sub> Mediate g-C<sub>3</sub>N<sub>4</sub> Electron Transfer and Effectively Remove 2-Mercaptobenzothiazole. **2023**, 13, 619 ○
- 1 Controlled Synthesis of Ag-SnO<sub>2</sub>/Fe<sub>2</sub>O<sub>3</sub> Nanocomposites for Improving Visible-Light Catalytic Activities of Pollutant Degradation and CO<sub>2</sub> Reduction. **2023**, 13, 696 ○