Xinyong Li

List of Publications by Year in descending order

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245 papers	13,538 citations	16791 66 h-index	36203 101 g-index
247 all docs	247 docs citations	247 times ranked	16061 citing authors

#	Article	IF	Citations
1	Adsorption and membrane separation for removal and recovery of volatile organic compounds. Journal of Environmental Sciences, 2023, 123, 96-115.	3.2	45
2	Biomass-derived amorphous carbon with localized active graphite defects for effective electrocatalytic N2 reduction. Applied Surface Science, 2022, 575, 151630.	3.1	10
3	Surface gradient diffusion S doping of CuCo2O4 microflowers by an in situ topotactic engineering strategy for CO2 photoreduction. Catalysis Communications, 2022, 162, 106388.	1.6	2
4	Freestanding 3D Ordered Hierarchical Porous Carbon Aerogel Cathodes for Efficient Electrocatalytic Dechlorination of 1,2-Dichloroethane to Ethylene. ACS Sustainable Chemistry and Engineering, 2022, 10, 2234-2240.	3.2	8
5	Single Pd atoms synergistically manipulating charge polarization and active sites for simultaneously photocatalytic hydrogen production and oxidation of benzylamine. Nano Energy, 2022, 95, 107045.	8.2	66
6	Mechanism Research of Catalytic Degradation of 1, 2-Dichlorobenzene over Highly Efficient Hollow Calcium Ferrite by In situ FTIR Spectra. Materials Today Energy, 2022, , 100996.	2.5	0
7	Optimizing Oxidation State of Octahedral Copper for Boosting Electroreduction Nitrate to Ammonia. ACS Applied Energy Materials, 2022, 5, 3339-3345.	2.5	21
8	Ternary BaCaZrTi perovskite oxide piezocatalysts dancing for efficient hydrogen peroxide generation. Nano Energy, 2022, 98, 107251.	8.2	23
9	Tailoring the Mnâ€“O Covalency and Surface Oxygen Defects of Ferrite Nanostructures for Peroxymonosulfate Activation and Norfloxacin Degradation. ACS Applied Nano Materials, 2022, 5, 8921-8929.	2.4	6
10	Electroreductive C O coupling of benzaldehyde over SACs Auâ€“NiMn2O4 spinel synergetic composites. Journal of Colloid and Interface Science, 2022, 625, 305-316.	5.0	6
11	Highly Efficient Electrocatalytic Upgrade of nâ€Valeraldehyde to Octane over Au SACsâ€“NiMn₂O₄ Spinel Synergetic Composites. Small, 2022, 18, .	5.2	8
12	Ultrathin nanoflake-assembled hierarchical BiOBr microflower with highly exposed {001} facets for efficient photocatalytic degradation of gaseous ortho-dichlorobenzene. Applied Catalysis B: Environmental, 2021, 281, 119478.	10.8	112
13	Novel Co3O4 @ CoFe2O4 double-shelled nanoboxes derived from Metalâ€“Organic Framework for CO2 reduction. Journal of Alloys and Compounds, 2021, 854, 156942.	2.8	37
14	Ultrasensitive photoelectrochemical sensing of H2S based on in-situ formation of multiple heterojunctions. Sensors and Actuators B: Chemical, 2021, 329, 129270.	4.0	14
15	Coffee ground derived biochar embedded Ov-NiCoO2 nanoparticles for efficiently catalyzing a boronâ€“hydrogen bond break. Science of the Total Environment, 2021, 761, 144192.	3.9	8
16	Unveiling the Promotion Effects of CoO on Low-Temperature NO Reduction with CO over an In-Situ-Established Co₃O₄â€“CoO Heterostructure. ACS Sustainable Chemistry and Engineering, 2021, 9, 6107-6117.	3.2	26
17	Rational Design of Cobaltate MCo₂O₄â^Ï´</sub> Hierarchical Nanomicrostructures with Bunch of Oxygen Vacancies toward Highly Efficient Photocatalytic Fixing of Carbon Dioxide. Journal of Physical Chemistry C, 2021, 125, 9782-9794.	1.5	12
18	Piezotronic effect and oxygen vacancies boosted photocatalysis Câ€'N coupling of benzylamine. Nano Energy, 2021, 83, 105831.	8.2	45

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19	Comparative investigation of visible-light-induced benzene degradation on M-ferrite/hematite (MÂ=ÂCa,) Tj ETQq1 1 0.784314 rgBT /Ov Physicochemical and Engineering Aspects, 2021, 618, 126501.	2.3	10
20	Double Active Sites in Coâ€“N_xâ€“C@Co Electrocatalysts for Simultaneous Production of Hydrogen and Carbon Monoxide. ACS Applied Materials & Interfaces, 2021, 13, 38256-38265.	4.0	18
21	Piezotronic effect and hierarchical Z-scheme heterostructure stimulated photocatalytic H2 evolution integrated with C-N coupling of benzylamine. Nano Energy, 2021, 89, 106349.	8.2	53
22	Kinetics of CH₂OO and syn-CH₃CHOO reaction with acrolein. Physical Chemistry Chemical Physics, 2021, 23, 13276-13283.	1.3	9
23	Nature of Intrinsic Defects in Carbon Materials for Electrochemical Dechlorination of 1,2-Dichloroethane to Ethylene. ACS Catalysis, 2021, 11, 14284-14292.	5.5	30
24	Functionalized Activated Carbon for Competing Adsorption of Volatile Organic Compounds and Water. ACS Applied Materials & Interfaces, 2021, 13, 56510-56518.	4.0	31
25	Peanut-Shaped Cuâ€“Mn Nano-Hollow Spinel with Oxygen Vacancies as Catalysts for Low-Temperature NO Reduction by CO. ACS Applied Nano Materials, 2021, 4, 11969-11979.	2.4	23
26	Sea-Urchin-Like Carbon Nanospheres for Electrocatalytic Dechlorination of 1,2-Dichloroethane. ACS Applied Nano Materials, 2021, 4, 13090-13098.	2.4	13
27	Nanomaterials Developed for Removing Air Pollutants. , 2020, , 203-247.		1
28	High-performance In2O3@PANI core@shell architectures with ultralong charge carriers lifetime for photocatalytic degradation of gaseous 1,2-dichlorobenzene. Applied Catalysis B: Environmental, 2020, 263, 118278.	10.8	96
29	Construction of crystalline and amorphous interface between FeS2 and polyaniline for enhanced electrocatalytic activity. Applied Surface Science, 2020, 505, 144534.	3.1	6
30	Magnetic Mesoporous Calcium Carbonate-Based Nanocomposites for the Removal of Toxic Pb(II) and Cd(II) Ions from Water. ACS Applied Nano Materials, 2020, 3, 1272-1281.	2.4	51
31	Oxygen and nitrogen co-doped ordered mesoporous carbon materials enhanced the electrochemical selectivity of O2 reduction to H2O2. Journal of Colloid and Interface Science, 2020, 562, 540-549.	5.0	46
32	Solar-driven bio-electro-chemical system for synergistic hydrogen evolution and pollutant elimination simultaneously over defect-rich CoNâ€“MoS2/biomass nanosheets. Journal of Power Sources, 2020, 478, 228755.	4.0	9
33	Activated Carbon Fibers Prepared by One-Step Activation with CuCl₂ for Highly Efficient Gas Adsorption. Industrial & Engineering Chemistry Research, 2020, 59, 19793-19802.	1.8	14
34	Active Sites in Single-Atom Feâ€“N_xâ€“C Nanosheets for Selective Electrochemical Dechlorination of 1,2-Dichloroethane to Ethylene. ACS Nano, 2020, 14, 9929-9937.	7.3	83
35	Impact of oxygen vacancy occupancy on piezo-catalytic activity of BaTiO3 nanobelt. Applied Catalysis B: Environmental, 2020, 279, 119340.	10.8	226
36	0D/2D MXene Quantum Dot/Ni-MOF Ultrathin Nanosheets for Enhanced N₂ Photoreduction. ACS Sustainable Chemistry and Engineering, 2020, 8, 17791-17799.	3.2	74

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37	Rationally Tailored Redox Properties of a Mesoporous Mnâ€“Fe Spinel Nanostructure for Boosting Low-Temperature Selective Catalytic Reduction of NO_x with NH₃. ACS Sustainable Chemistry and Engineering, 2020, 8, 17727-17739.	3.2	52
38	Boosting Electrocatalytic Nitrogen Fixation with Coâ€“N₃ Site-Decorated Porous Carbon. ACS Sustainable Chemistry and Engineering, 2020, 8, 13430-13439.	3.2	28
39	Novel Two-Dimensional AgInS₂/SnS₂/RGO Dual Heterojunctions: High Spatial Charge and Toxicity Evaluation. Langmuir, 2020, 36, 9709-9718.	1.6	11
40	New Insight into the Effects of NH₃ on SO₂ Poisoning for In Situ Removal of Metal Sulfates in Low-Temperature NH₃-SCR over an Feâ€“V Catalyst. Journal of Physical Chemistry C, 2020, 124, 21396-21406.	1.5	25
41	Unique hollow Niâ€“Fe@MoS₂nanocubes with boosted electrocatalytic activity for N₂reduction to NH₃. Journal of Materials Chemistry A, 2020, 8, 7339-7349.	5.2	60
42	Kinetic Studies for the Reaction of syn-CH₃CHOO with CF₃CHâ•CH₂. Journal of Physical Chemistry A, 2020, 124, 6125-6132.	1.1	5
43	Highly boosted gas diffusion for enhanced electrocatalytic reduction of N₂to NH₃on 3D hollow Coâ€“MoS₂nanostructures. Nanoscale, 2020, 12, 6029-6036.	2.8	30
44	In Situ Formation of Interfacial Defects between Co-Based Spinel/Carbon Nitride Hybrids for Efficient CO₂ Photoreduction. ACS Applied Energy Materials, 2020, 3, 5083-5094.	2.5	20
45	Manganese-Based Spinel Coreâ€“Shell Nanostructures for Efficient Electrocatalysis of 1,2-Dichloroethane. ACS Applied Nano Materials, 2020, 3, 10778-10786.	2.4	17
46	Facile Design of Highly Effective CuCe_xCo_{1â€“x}O_y Catalysts with Diverse Surface/Interface Structures toward NO Reduction by CO at Low Temperatures. Industrial & Engineering Chemistry Research, 2019, 58, 15459-15469.	1.8	24
47	Synergetic Effect of Facet Junction and Specific Facet Activation of ZnFe₂O₄ Nanoparticles on Photocatalytic Activity Improvement. ACS Applied Materials & Interfaces, 2019, 11, 29004-29013.	4.0	57
48	In situ FTIR spectra investigation of the photocatalytic degradation of gaseous toluene over a novel hedgehog-like CaFe2O4 hollow-structured materials. Catalysis Communications, 2019, 130, 105754.	1.6	22
49	In situ construction of yolk-shell zinc ferrite with carbon and nitrogen co-doping for highly efficient solar light harvesting and improved catalytic performance. Journal of Colloid and Interface Science, 2019, 554, 91-102.	5.0	20
50	Multiple regulations of Mn-based oxides in boosting peroxymonosulfate activation for norfloxacin removal. Applied Catalysis A: General, 2019, 584, 117170.	2.2	24
51	Visible-light-driven sonophotocatalysis and peroxymonosulfate activation over 3D urchin-like MoS2/C nanoparticles for accelerating levofloxacin elimination: Optimization and kinetic study. Chemical Engineering Journal, 2019, 378, 122039.	6.6	75
52	Oxygen Vacancy-rich Porous Co₃O₄ Nanosheets toward Boosted NO Reduction by CO and CO Oxidation: Insights into the Structureâ€“Activity Relationship and Performance Enhancement Mechanism. ACS Applied Materials & Interfaces, 2019, 11, 41988-41999.	4.0	113
53	CuSn Alloy Nanoparticles on Nitrogenâ€Doped Graphene for Electrocatalytic CO₂ Reduction. ChemElectroChem, 2019, 6, 5951-5957.	1.7	59
54	Identification of Catalytic Active Sites in Nitrogen-Doped Carbon for Electrocatalytic Dechlorination of 1,2-Dichloroethane. ACS Catalysis, 2019, 9, 10931-10939.	5.5	46

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55	Functionalized nitrogen-doped carbon dot-modified yolkâ€“shell ZnFe₂O₄ nanospheres with highly efficient light harvesting and superior catalytic activity. Nanoscale, 2019, 11, 3877-3887.	2.8	37
56	Carbon Aerogels for Environmental Cleanâ€Up. European Journal of Inorganic Chemistry, 2019, 2019, 3126-3141.	1.0	52
57	Sulfur vacancy-rich N-doped MoS₂ nanoflowers for highly boosting electrocatalytic N₂ fixation to NH₃ under ambient conditions. Chemical Communications, 2019, 55, 7386-7389.	2.2	111
58	Facile tailoring of Co-based spinel hierarchical hollow microspheres for highly efficient catalytic conversion of CO2. Journal of Colloid and Interface Science, 2019, 552, 476-484.	5.0	9
59	0D/2D AgInS2/MXene Z-scheme heterojunction nanosheets for improved ammonia photosynthesis of N2. Nano Energy, 2019, 61, 27-35.	8.2	173
60	Synthesis of MoS₂/TiO₂ Nanophotocatalyst and Its Enhanced Visible Light Driven Photocatalytic Performance. Journal of Nanoscience and Nanotechnology, 2019, 19, 3519-3527.	0.9	26
61	Seaweed-Derived Nitrogen-Rich Porous Biomass Carbon as Bifunctional Materials for Effective Electrocatalytic Oxygen Reduction and High-Performance Gaseous Toluene Absorbent. ACS Sustainable Chemistry and Engineering, 2019, 7, 5057-5064.	3.2	43
62	Rational Design of Peroxymonosulfate Activation and Photoinduced Catalysis Tandem Systems for Artificial Conversion of Solar Light to Chemical Energy. ACS Omega, 2019, 4, 4113-4128.	1.6	11
63	The bioelectrochemical synthesis of high-quality carbon dots with strengthened electricity output and excellent catalytic performance. Nanoscale, 2019, 11, 4428-4437.	2.8	19
64	Simultaneously Providing Iron Source toward Electro-Fenton Process and Enhancing Hydrogen Peroxide Production via a Fe₃O₄ Nanoparticles Embedded Graphite Felt Electrode. ACS Applied Materials & Interfaces, 2019, 11, 45692-45701.	4.0	36
65	Boosting interfacial charge transfer and electricity generation for levofloxacin elimination in a self-driven bio-driven photoelectrocatalytic system. Nanoscale, 2019, 11, 22042-22053.	2.8	15
66	Photo-driven bioelectrochemical photocathode with polydopamine-coated TiO2 nanotubes for self-sustaining MoS2 synthesis to facilitate hydrogen evolution. Journal of Power Sources, 2019, 413, 310-317.	4.0	49
67	Enhancing interfacial charge transfer on novel 3D/1D multidimensional MoS2/TiO2 heterojunction toward efficient photoelectrocatalytic removal of levofloxacin. Electrochimica Acta, 2019, 295, 810-821.	2.6	38
68	Synthesis of Bimetallic MOF-74-CoMn Catalyst and Its Application in Selective Catalytic Reduction of NO with CO. Acta Chimica Sinica, 2019, 77, 758.	0.5	12
69	Enhanced photoeletrocatalytic reduction dechlorinations of PCP by Ru-Pd BQDs anchored Titania NAEs composites with double Schottky junctions: First-principles evidence and experimental verifications. Applied Catalysis B: Environmental, 2018, 227, 499-511.	10.8	25
70	2D, 3D mesostructured silicas templated mesoporous manganese dioxide for selective catalytic reduction of NOx with NH3. Journal of Colloid and Interface Science, 2018, 516, 254-262.	5.0	29
71	Hollow porous zinc cobaltate nanocubes photocatalyst derived from bimetallic zeolitic imidazolate frameworks towards enhanced gaseous toluene degradation. Journal of Colloid and Interface Science, 2018, 516, 76-85.	5.0	28
72	3D mesoporous CuFe2O4 as a catalyst for photo-Fenton removal of sulfonamide antibiotics at near neutral pH. Journal of Colloid and Interface Science, 2018, 524, 409-416.	5.0	70

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73	Polydopamine-assisted decoration of TiO2 nanotube arrays with enzyme to construct a novel photoelectrochemical sensing platform. Sensors and Actuators B: Chemical, 2018, 255, 133-139.	4.0	53
74	Enhanced photocatalytic reduction of cadmium on calcium ferrite-based nanocomposites by simulated solar radiation. Materials Letters, 2018, 211, 142-145.	1.3	6
75	Facile synthesis of tube-shaped Mn-Ni-Ti solid solution and preferable Langmuir-Hinshelwood mechanism for selective catalytic reduction of NO by NH3. Applied Catalysis A: General, 2018, 549, 289-301.	2.2	83
76	Feâ€“Mn Mixed Oxide Catalysts Synthesized by One-Step Urea-Precipitation Method for the Selective Catalytic Reduction of NO x with NH3 at Low Temperatures. Catalysis Letters, 2018, 148, 227-234.	1.4	31
77	Relationships Between Crystal, Internal Microstructures, and Physicochemical Properties of Copperâ€“Zincâ€“Iron Multinary Spinel Hierarchical Nano-microspheres. ACS Applied Materials & Interfaces, 2018, 10, 35919-35931.	4.0	18
78	Fabrication of MoS2@g-C3N4 core-shell nanospheres for visible light photocatalytic degradation of toluene. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	17
79	Rational design of cobalt and nitrogen co-doped carbon hollow frameworks for efficient photocatalytic degradation of gaseous toluene. Journal of Colloid and Interface Science, 2018, 528, 45-52.	5.0	49
80	Cu promoted hydrotalcite-based NiAl mixed oxides in adsoption and oxidation of SO2 reaction: Experimental and theoretical study. Separation and Purification Technology, 2018, 207, 231-239.	3.9	14
81	A new type Ni-MOF catalyst with high stability for selective catalytic reduction of NOx with NH3. Catalysis Communications, 2018, 114, 104-108.	1.6	53
82	Electrochemical oxidation of 4-chlorophenol for wastewater treatment using highly active UV treated TiO2 nanotubes. Chemosphere, 2018, 209, 182-190.	4.2	24
83	Highly oriented SnS2/RGO/Ag heterostructures for boosting photoeletrochemical and photocatalytic performances via schottky and RGO-n dual-heterojunctions interfacial effects. Applied Catalysis A: General, 2018, 563, 118-126.	2.2	13
84	Enhancement of Low-Temperature Catalytic Activity over a Highly Dispersed Feâ€“Mn/Ti Catalyst for Selective Catalytic Reduction of NO_x with NH₃. Industrial & Engineering Chemistry Research, 2018, 57, 10159-10169.	1.8	61
85	Improvement of catalytic activity over Mn-modified CeZrO catalysts for the selective catalytic reduction of NO with NH3. Journal of Colloid and Interface Science, 2018, 531, 91-97.	5.0	28
86	Insight into the photocatalytic mineralization of short chain chlorinated paraffins boosted by polydopamine and Ag nanoparticles. Journal of Hazardous Materials, 2018, 359, 186-193.	6.5	15
87	Insight into MoS2 Synthesis with Biophotoelectrochemical Engineering and Applications in Levofloxacin Elimination. ACS Applied Energy Materials, 2018, 1, 3752-3762.	2.5	16
88	Rational design and synthesis of highly oriented copperâ€“zinc ferrite QDs/titania NAE nano-heterojunction composites with novel photoelectrochemical and photoelectrocatalytic behaviors. Dalton Transactions, 2018, 47, 12769-12782.	1.6	18
89	Triple-shelled NiMn₂O₄ hollow spheres as an efficient catalyst for low-temperature selective catalytic reduction of NO_x with NH₃. Chemical Communications, 2018, 54, 9797-9800.	2.2	48
90	Inductive Effect Boosting Catalytic Performance of Advanced Fe_{1â€“x}V_xO_{Î´} Catalysts in Low-Temperature NH₃ Selective Catalytic Reduction: Insight into the Structure, Interaction, and Mechanisms. ACS Catalysis, 2018, 8, 6760-6774.	5.5	138

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91	Upconversion carbon quantum dots as visible light responsive component for efficient enhancement of photocatalytic performance. Journal of Colloid and Interface Science, 2017, 496, 425-433.	5.0	176
92	Novel Ag 3 PO 4 /MoO 3 p - n heterojunction with enhanced photocatalytic activity and stability under visible light irradiation. Applied Surface Science, 2017, 409, 250-260.	3.1	59
93	Self-templated formation of ZnFe₂O₄ double-shelled hollow microspheres for photocatalytic degradation of gaseous o-dichlorobenzene. Journal of Materials Chemistry A, 2017, 5, 8909-8915.	5.2	84
94	FePO4 based single chamber air-cathode microbial fuel cell for online monitoring levofloxacin. Biosensors and Bioelectronics, 2017, 91, 367-373.	5.3	91
95	AgInS2 nanoparticles modified TiO2 nanotube array electrodes: Ultrasonic-assisted SILAR preparation and mechanism of enhanced photoelectrocatalytic activity. Molecular Catalysis, 2017, 442, 97-106.	1.0	18
96	Construction of p-n heterojunction Î²-Bi2O3/BiVO4 nanocomposite with improved photoinduced charge transfer property and enhanced activity in degradation of ortho-dichlorobenzene. Applied Catalysis B: Environmental, 2017, 219, 259-268.	10.8	97
97	Preparation of ZnS@In2S3 Core@shell Composite for Enhanced Photocatalytic Degradation of Gaseous o-Dichlorobenzene under Visible Light. Scientific Reports, 2017, 7, 16396.	1.6	24
98	Enhanced photoelectrochemical performance of MoS2 nanobelts-loaded TiO2 nanotube arrays by photo-assisted electrodeposition. Applied Surface Science, 2017, 425, 507-517.	3.1	77
99	Mechanistic investigation of the enhanced NH3-SCR on cobalt-decorated Ce-Ti mixed oxide: In situ FTIR analysis for structure-activity correlation. Applied Catalysis B: Environmental, 2017, 200, 297-308.	10.8	388
100	Facile assembly of Bi2O3/Bi2S3/MoS2 n-p heterojunction with layered n-Bi2O3 and p-MoS2 for enhanced photocatalytic water oxidation and pollutant degradation. Applied Catalysis B: Environmental, 2017, 200, 47-55.	10.8	314
101	MIL-100(Fe) as a new catalyst for selective catalysis reduction of NOx with ammonia. Integrated Ferroelectrics, 2017, 181, 14-25.	0.3	10
102	Multifunctional Plasmonic Co-Doped Fe₂O₃@polydopamine-Au for Adsorption, Photocatalysis, and SERS-based Sensing. Particle and Particle Systems Characterization, 2016, 33, 602-609.	1.2	27
103	Adsorption performance of SO2 over ZnAl2O4 nanospheres. Journal of Industrial and Engineering Chemistry, 2016, 41, 151-157.	2.9	18
104	Rational Design of ZnFe₂O₄/In₂O₃ Nanoheterostructures: Efficient Photocatalyst for Gaseous 1,2-Dichlorobenzene Degradation and Mechanistic Insight. ACS Sustainable Chemistry and Engineering, 2016, 4, 4554-4562.	3.2	93
105	Facile and Controllable Modification of 3D In₂O₃ Microflowers with In₂S₃ Nanoflakes for Efficient Photocatalytic Degradation of Gaseous ortho-Dichlorobenzene. Journal of Physical Chemistry C, 2016, 120, 19113-19123.	1.5	99
106	Synthesis of Bimetallic MOFs MIL-100(Fe-Mn) as an Efficient Catalyst for Selective Catalytic Reduction of NO x with NH3. Catalysis Letters, 2016, 146, 1956-1964.	1.4	68
107	Cu-BTC metal-organic framework as a novel catalyst for low temperature selective catalytic reduction (SCR) of NO by NH₃: Promotional effect of activation temperature. Integrated Ferroelectrics, 2016, 172, 169-179.	0.3	31
108	Photo-induced activity of BiFeO 3 /TiO 2 nanotube arrays derived from ultrasound-assisted successive ionic layer adsorption and reaction. Materials Research Bulletin, 2016, 83, 396-399.	2.7	15

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109	Enhanced photocatalytic activity of degrading short chain chlorinated paraffins over reduced graphene oxide/CoFe2O4/Ag nanocomposite. Journal of Colloid and Interface Science, 2016, 479, 89-97.	5.0	27
110	Synthesis and characterization of BiPO₄/g-C₃N₄ nanocomposites with significantly enhanced visible-light photocatalytic activity for benzene degradation. RSC Advances, 2016, 6, 20664-20670.	1.7	51
111	Improved activity of W-modified MnO â€“TiO2 catalysts for the selective catalytic reduction of NO with NH3. Chemical Engineering Journal, 2016, 288, 216-222.	6.6	123
112	Preparation of AgInS2/TiO2 composites for enhanced photocatalytic degradation of gaseous o-dichlorobenzene under visible light. Applied Catalysis B: Environmental, 2016, 185, 1-10.	10.8	98
113	Graphene-linked graphitic carbon nitride/TiO2 nanowire arrays heterojunction for efficient solar-driven water splitting. Journal of Applied Electrochemistry, 2016, 46, 807-817.	1.5	19
114	Matryoshka-caged gold nanorods: Synthesis, plasmonic properties, and catalytic activity. Nano Research, 2016, 9, 415-423.	5.8	31
115	WÎ±Mn1Ââ€“ÂÎ±Ox Catalysts Synthesized by a One-Step Urea Co-precipitation Method for Selective Catalytic Reduction of NOx with NH3 at Low Temperatures. Energy & Fuels, 2016, 30, 1810-1814.	2.5	18
116	Branch number matters: Promoting catalytic reduction of 4-nitrophenol over gold nanostars by raising the number of branches and coating with mesoporous SiO2. Journal of Colloid and Interface Science, 2016, 477, 1-7.	5.0	14
117	Hexagonal microspindle of NH₂-MIL-101(Fe) metalâ€“organic frameworks with visible-light-induced photocatalytic activity for the degradation of toluene. RSC Advances, 2016, 6, 4289-4295.	1.7	190
118	Gold nanostars: Benzyldimethylammonium chloride-assisted synthesis, plasmon tuning, SERS and catalytic activity. Journal of Colloid and Interface Science, 2016, 462, 341-350.	5.0	38
119	Vacuum-assisted impregnation derived Î±-Bi2O3/TiO2 nanotube arrays with enhanced photoelectrochemical activity. Materials Letters, 2015, 158, 104-107.	1.3	8
120	Synthesis of novel Zn_{0.5}Mg_{0.5}Fe₂O₄@TiO₂ nanotube arrays with enhanced photoelectrocatalytic properties. RSC Advances, 2015, 5, 51308-51317.	1.7	9
121	Construction of Mn_{0.5}Zn_{0.5}Fe₂O₄ modified TiO₂ nanotube array nanocomposite electrodes and their photoelectrocatalytic performance in the degradation of 2,4-DCP. Journal of Materials Chemistry C, 2015, 3, 6025-6034.	2.7	39
122	Multilayered coreâ€“satellite nanoassemblies with fine-tunable broadband plasmon resonances. Nanoscale, 2015, 7, 3445-3452.	2.8	42
123	Inorganicâ€“organic photocatalyst BiPO4/g-C3N4 for efficient removal of gaseous toluene under visible light irradiation. Catalysis Communications, 2015, 69, 109-113.	1.6	38
124	Elucidating the electrostatic interaction of sulfonic acid functionalized SBA-15 for ciprofloxain adsorption. Applied Surface Science, 2015, 349, 224-229.	3.1	14
125	Insight into the mechanism of photocatalytic degradation of gaseous o-dichlorobenzene over flower-type V₂O₅ hollow spheres. Journal of Materials Chemistry A, 2015, 3, 15163-15170.	5.2	67
126	Fabrication of Î±-Fe 2 O 3 /In 2 O 3 composite hollow microspheres: A novel hybrid photocatalyst for toluene degradation under visible light. Journal of Colloid and Interface Science, 2015, 457, 18-26.	5.0	71

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127	Facile solvothermal synthesis of MnFe2O4 hollow nanospheres and their photocatalytic degradation of benzene investigated by in situ FTIR. Catalysis Communications, 2015, 68, 11-14.	1.6	53
128	Photocatalytic degradation of gaseous toluene over bcc-In2O3 hollow microspheres. Applied Surface Science, 2015, 337, 27-32.	3.1	27
129	Novel phosphorus doped carbon nitride modified TiO₂ nanotube arrays with improved photoelectrochemical performance. Nanoscale, 2015, 7, 16282-16289.	2.8	96
130	Quantum-sized BiVO₄ modified TiO₂ microflower composite heterostructures: efficient production of hydroxyl radicals towards visible light-driven degradation of gaseous toluene. Journal of Materials Chemistry A, 2015, 3, 21655-21663.	5.2	79
131	Visible-light driven generation of reactive radicals over BiFeO3/TiO2 nanotube array: experimental evidence and energetic mechanism. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	8
132	Photocatalytic degradation of gaseous toluene with multiphase Ti x Zr 1â^' x O 2 synthesized via co-precipitation route. Journal of Colloid and Interface Science, 2015, 438, 1-6.	5.0	26
133	Structure sensitivity of selective catalytic reduction of NO with propylene over Cu-doped Ti0.5Zr0.5O2â^' catalysts. Applied Catalysis B: Environmental, 2015, 165, 519-528.	10.8	18
134	Clickable SBAâ€15 to Screen Functional Groups for Adsorption of Antibiotics. Chemistry - an Asian Journal, 2014, 9, 908-914.	1.7	12
135	A novel CuTi-containing catalyst derived from hydrotalcite-like compounds for selective catalytic reduction of NO with C3H6 under lean-burn conditions. Journal of Catalysis, 2014, 309, 268-279.	3.1	68
136	BiFeO₃/TiO₂ Nanotube Arrays Composite Electrode: Construction, Characterization, and Enhanced Photoelectrochemical Properties. ACS Applied Materials & Interfaces, 2014, 6, 671-679.	4.0	156
137	Clickable Periodic Mesoporous Organosilicas: Synthesis, Click Reactions, and Adsorption of Antibiotics. Chemistry - A European Journal, 2014, 20, 1957-1963.	1.7	50
138	A novel approach to synthesize ultrasmall Cu doped Znâ€“Inâ€“Se nanocrystal emitters in a colloidal system. Nanoscale, 2014, 6, 3403-3409.	2.8	19
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