

Wingkei Ho

List of Publications by Year in descending order

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papers

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citations

3531
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all docs

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docs citations

212
times ranked

24004
citing authors

#	ARTICLE	IF	CITATIONS
1	TiO ₂ /In ₂ S ₃ S-scheme photocatalyst with enhanced H ₂ O ₂ -production activity. Nano Research, 2023, 16, 4506-4514.	10.4	85
2	Exploring the photocatalytic conversion mechanism of gaseous formaldehyde degradation on TiO ₂ -OV surface. Journal of Hazardous Materials, 2022, 424, 127217.	12.4	22
3	Hierarchical Co ₃ O ₄ -NiO hollow dodecahedron-supported Pt for room-temperature catalytic formaldehyde decomposition. Chemical Engineering Journal, 2022, 430, 132715.	12.7	35
4	The photocatalytic NO-removal activity of g-C ₃ N ₄ significantly enhanced by the synergistic effect of Pd ⁰ nanoparticles and N vacancies. Environmental Science: Nano, 2022, 9, 742-750.	4.3	15
5	The photocatalytic •OH production activity of g-C ₃ N ₄ improved by the introduction of NO. Chinese Chemical Letters, 2022, 33, 4715-4718.	9.0	10
6	Metal-Organic Frameworks for NO _x Adsorption and Their Applications in Separation, Sensing, Catalysis, and Biology. Small, 2022, 18, e2105484.	10.0	29
7	Highly efficient photocatalytic degradation for antibiotics and mechanism insight for Bi ₂ S ₃ /g-C ₃ N ₄ with fast interfacial charges transfer and excellent stability. Arabian Journal of Chemistry, 2022, 15, 103689.	4.9	12
8	Polyoxometalates-doped Bi ₂ O ₃ /Bi photocatalyst for highly efficient visible-light photodegradation of tetrabromobisphenol A and removal of NO. Chinese Journal of Catalysis, 2022, 43, 771-781.	14.0	17
9	In-situ synthesis of ternary heterojunctions via g-C ₃ N ₄ coupling with noble-metal-free NiS and CdS with efficient visible-light-induced photocatalytic H ₂ evolution and mechanism insight. International Journal of Hydrogen Energy, 2022, 47, 14063-14076.	7.1	22
10	Construction and Activity of an All-Organic Heterojunction Photocatalyst Based on Melem and Pyromellitic Dianhydride. ChemSusChem, 2022, 15, e202200477.	6.8	15
11	Highly Selective Photocatalytic CO ₂ Methanation with Water Vapor on Single-Atom Platinum-Decorated Defective Carbon Nitride. Angewandte Chemie - International Edition, 2022, 61, .	13.8	60
12	Highly Selective Photocatalytic CO ₂ Methanation with Water Vapor on Single-Atom Platinum-Decorated Defective Carbon Nitride. Angewandte Chemie, 2022, 134, .	2.0	18
13	Unraveling the Reaction Mechanism of HCHO Catalytic Oxidation on Pristine Co ₃ O ₄ (110) Surface: A Theoretical Study. Catalysts, 2022, 12, 560.	3.5	1
14	Construction and Activity of an All-Organic Heterojunction Photocatalyst Based on Melem and Pyromellitic Dianhydride. ChemSusChem, 2022, 15, .	6.8	2
15	Graphdiyne-based photocatalysts for solar fuel production. Green Chemistry, 2022, 24, 5739-5754.	9.0	30
16	Interfacial optimization of oxygen-vacancy-induced 1D/2D CeO ₂ nanotubes/g-C ₃ N ₄ step-scheme heterojunction with enhanced visible-light photocatalysis and mechanism insight. Journal of Alloys and Compounds, 2022, 923, 166330.	5.5	16
17	Fabricating Z-scheme C-doped TiO ₂ /rGO nanocomposites for enhanced photocatalytic NO removal. Nanotechnology, 2022, 33, 415702.	2.6	2
18	Zn Cd ¹ -S quantum dot with enhanced photocatalytic H ₂ -production performance. Chinese Journal of Catalysis, 2021, 42, 15-24.	14.0	79

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19	Review on nickel-based adsorption materials for Congo red. Journal of Hazardous Materials, 2021, 403, 123559.	12.4	148
20	Chemical etching fabrication of uniform mesoporous Bi@Bi ₂ O ₃ nanospheres with enhanced visible light-induced photocatalytic oxidation performance for NO _x . Chemical Engineering Journal, 2021, 406, 126910.	12.7	51
21	Enhanced photocatalytic H ₂ production performance of CdS hollow spheres using C and Pt as bi-cocatalysts. Chinese Journal of Catalysis, 2021, 42, 743-752.	14.0	67
22	Design, Fabrication, and Mechanism of Nitrogen-Doped Graphene-Based Photocatalyst. Advanced Materials, 2021, 33, e2003521.	21.0	324
23	Near-Infrared-Responsive Photocatalysts. Small Methods, 2021, 5, e2001042.	8.6	84
24	Improved Oxygen Activation over a Carbon/Co ₃ O ₄ Nanocomposite for Efficient Catalytic Oxidation of Formaldehyde at Room Temperature. Environmental Science & Technology, 2021, 55, 4054-4063.	10.0	97
25	Enhanced solar-to-chemical energy conversion of graphitic carbon nitride by two-dimensional cocatalysts. EnergyChem, 2021, 3, 100051.	19.1	87
26	Enhanced photocatalytic activity and mechanism of CeO ₂ hollow spheres for tetracycline degradation. Rare Metals, 2021, 40, 2369-2380.	7.1	44
27	Enhancement in the photocatalytic H ₂ production activity of CdS NRs by Ag ₂ S and NiS dual cocatalysts. Applied Catalysis B: Environmental, 2021, 288, 119994.	20.2	189
28	Tuning the strength of built-in electric field in 2D/2D g-C ₃ N ₄ /SnS ₂ and g-C ₃ N ₄ /ZrS ₂ S-scheme heterojunctions by nonmetal doping. Journal of Materiomics, 2021, 7, 988-997.	5.7	77
29	New carbon nitride close to C ₆ N ₇ with superior visible light absorption for highly efficient photocatalysis. Science Bulletin, 2021, 66, 1764-1772.	9.0	25
30	g-C ₃ N ₄ -Based 2D/2D Composite Heterojunction Photocatalyst. Small Structures, 2021, 2, 2100086.	12.0	127
31	Transformation of amorphous Bi ₂ O ₃ to crystal Bi ₂ O ₂ CO ₃ on Bi nanospheres surface for photocatalytic NO _x oxidation: Intensified hot-electron transfer and reactive oxygen species generation. Chemical Engineering Journal, 2021, 420, 129814.	12.7	35
32	Structure-Property relationship in β -keto-enamine-based covalent organic frameworks for highly efficient photocatalytic hydrogen production. Chemical Engineering Journal, 2021, 419, 129984.	12.7	56
33	Interfacial optimization of Z-scheme Ag ₃ PO ₄ /MoS ₂ nanoflower sphere heterojunction toward synergistic enhancement of visible-light-driven photocatalytic oxygen evolution and degradation of organic pollutant. Journal of Alloys and Compounds, 2021, 888, 161583.	5.5	24
34	Oxygen vacancy-dependent photocatalytic activity of well-defined Bi ₂ Sn ₂ O ₇ hollow nanocubes for NO _x removal. Environmental Science: Nano, 2021, 8, 1927-1933.	4.3	11
35	Photocatalytic Air Purification Using Functional Polymeric Carbon Nitrides. Advanced Science, 2021, 8, e2102376.	11.2	24
36	Photocatalytic reactive oxygen species generation activity of TiO ₂ improved by the modification of persistent free radicals. Environmental Science: Nano, 2021, 8, 3846-3854.	4.3	11

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37	Enhanced photocatalytic H ₂ -production activity of WO ₃ /TiO ₂ step-scheme heterojunction by graphene modification. Chinese Journal of Catalysis, 2020, 41, 9-20.	14.0	458
38	Time-resolved characterization of non-thermal plasma-assisted photocatalytic removal of nitric oxide. Journal Physics D: Applied Physics, 2020, 53, 01LT02.	2.8	4
39	Graphene-Based Materials in Planar Perovskite Solar Cells. Solar Rrl, 2020, 4, 2000502.	5.8	36
40	Construction of the 1D Covalent Organic Framework/2D g-C ₃ N ₄ Heterojunction with High Apparent Quantum Efficiency at 500 nm. ACS Applied Materials & Interfaces, 2020, 12, 51555-51562.	8.0	50
41	Room-temperature formaldehyde catalytic decomposition. Environmental Science: Nano, 2020, 7, 3655-3709.	4.3	64
42	g-C ₃ N ₄ /TiO ₂ Composite Film in the Fabrication of a Photocatalytic Air-Purifying Pavements. Solar Rrl, 2020, 4, 2000170.	5.8	23
43	A Review of Co ₃ O ₄ -based Catalysts for Formaldehyde Oxidation at Low Temperature: Effect Parameters and Reaction Mechanism. Aerosol Science and Engineering, 2020, 4, 147-168.	1.9	16
44	Photocatalytic CO ₂ reduction of C/ZnO nanofibers enhanced by an Ni-NiS cocatalyst. Nanoscale, 2020, 12, 7206-7213.	5.6	80
45	Low-Temperature-Processed Zr/F Co-Doped SnO ₂ Electron Transport Layer for High-Efficiency Planar Perovskite Solar Cells. Solar Rrl, 2020, 4, 2000090.	5.8	42
46	Novel N/Carbon Quantum Dot Modified MIL-125(Ti) Composite for Enhanced Visible-Light Photocatalytic Removal of NO. Industrial & Engineering Chemistry Research, 2020, 59, 6470-6478.	3.7	26
47	Oxygen vacancy-engineered γ-MnO ₂ /activated carbon for room-temperature catalytic oxidation of formaldehyde. Applied Catalysis B: Environmental, 2020, 278, 119294.	20.2	87
48	Graphdiyne: A Brilliant Hole Accumulator for Stable and Efficient Planar Perovskite Solar Cells. Small, 2020, 16, e1907290.	10.0	45
49	Synthesis and characterization of Bi-BiPO ₄ nanocomposites as plasmonic photocatalysts for oxidative NO removal. Applied Surface Science, 2020, 513, 145775.	6.1	32
50	C ₃ N ₄ with engineered three coordinated (N ₃ C) nitrogen vacancy boosts the production of 1O ₂ for Efficient and stable NO photo-oxidation. Chemical Engineering Journal, 2020, 389, 124421.	12.7	60
51	Reasonable design of Cu ₂ MoS ₄ heterophase junction for highly efficient photocatalysis. Journal of Alloys and Compounds, 2020, 826, 154076.	5.5	18
52	NiFe-LDH nanosheet/carbon fiber nanocomposite with enhanced anionic dye adsorption performance. Applied Surface Science, 2020, 511, 145570.	6.1	112
53	2D/2D/0D TiO ₂ /C ₃ N ₄ /Ti ₃ C ₂ MXene composite S-scheme photocatalyst with enhanced CO ₂ reduction activity. Applied Catalysis B: Environmental, 2020, 272, 119006.	20.2	604
54	Organophosphate flame retardants and bisphenol A in children's urine in Hong Kong: has the burden been underestimated?. Ecotoxicology and Environmental Safety, 2019, 183, 109502.	6.0	15

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55	Active Complexes on Engineered Crystal Facets of MnO_x – CeO_2 and Scale-Up Demonstration on an Air Cleaner for Indoor Formaldehyde Removal. <i>Environmental Science & Technology</i> , 2019, 53, 10906-10916.	10.0	36
56	Urea and Melamine Formaldehyde Resin-Derived Tubular $\text{g-C}_3\text{N}_4$ with Highly Efficient Photocatalytic Performance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27934-27943.	8.0	54
57	Two-dimensional polyimide heterojunctions for the efficient removal of environmental pollutants under visible-light irradiation. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17163-17169.	2.8	8
58	Ultra violet filters in the urine of preschool children and drinking water. <i>Environment International</i> , 2019, 133, 105246.	10.0	20
59	Scheme Heterojunction TiO_2/CdS Nanocomposite Nanofiber as H_2 -Production Photocatalyst. <i>ChemCatChem</i> , 2019, 11, 6301-6309.	3.7	286
60	Hierarchical porous Ni/Co-LDH hollow dodecahedron with excellent adsorption property for Congo red and Cr(VI) ions. <i>Applied Surface Science</i> , 2019, 478, 981-990.	6.1	204
61	Effects of H_2O_2 generation over visible light-responsive $\text{Bi/Bi}_2\text{O}_3\cdot\text{CO}_3$ nanosheets on their photocatalytic NO removal performance. <i>Chemical Engineering Journal</i> , 2019, 363, 374-382.	12.7	56
62	Photocatalytic H_2 evolution on graphdiyne/ $\text{g-C}_3\text{N}_4$ hybrid nanocomposites. <i>Applied Catalysis B: Environmental</i> , 2019, 255, 117770.	20.2	284
63	Constructing Z-scheme $\text{SnO}_2/\text{N-doped carbon quantum dots/ZnSn(OH)}_6$ nanohybrids with high redox ability for NO_x removal under VIS-NIR light. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15782-15793.	10.3	60
64	In Situ Intermediates Determination and Cytotoxicological Assessment in Catalytic Oxidation of Formaldehyde: Implications for Catalyst Design and Selectivity Enhancement under Ambient Conditions. <i>Environmental Science & Technology</i> , 2019, 53, 5230-5240.	10.0	10
65	Engineering of reduced graphene oxide on nanosheet– $\text{g-C}_3\text{N}_4$ /perylene imide heterojunction for enhanced photocatalytic redox performance. <i>Applied Catalysis B: Environmental</i> , 2019, 250, 42-51.	20.2	58
66	3D hierarchical graphene oxide-NiFe LDH composite with enhanced adsorption affinity to Congo red, methyl orange and Cr(VI) ions. <i>Journal of Hazardous Materials</i> , 2019, 369, 214-225.	12.4	329
67	Roles of N-Vacancies over Porous $\text{g-C}_3\text{N}_4$ Microtubes during Photocatalytic NO_x Removal. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10651-10662.	8.0	210
68	Enhanced Photocatalytic Activity and Selectivity for CO_2 Reduction over a TiO_2 Nanofibre Mat Using Ag and MgO as Bi^{2+} -Cocatalyst. <i>ChemCatChem</i> , 2019, 11, 465-472.	3.7	81
69	Protonated $\text{g-C}_3\text{N}_4/\text{Ti}^{3+}$ self-doped TiO_2 nanocomposite films: Room-temperature preparation, hydrophilicity, and application for photocatalytic NO removal. <i>Applied Catalysis B: Environmental</i> , 2019, 240, 122-131.	20.2	122
70	Hierarchical porous $\text{Al}_2\text{O}_3@\text{ZnO}$ core-shell microfibrils with excellent adsorption affinity for Congo red molecule. <i>Applied Surface Science</i> , 2019, 473, 251-260.	6.1	61
71	Review on Metal Sulphide-based Z-scheme Photocatalysts. <i>ChemCatChem</i> , 2019, 11, 1394-1411.	3.7	439
72	Hierarchically $\text{CdS}@\text{Ag}_2\text{S}$ nanocomposites for efficient photocatalytic H_2 production. <i>Applied Surface Science</i> , 2019, 470, 196-204.	6.1	189

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73	Highly enhanced visible-light photocatalytic NO _x purification and conversion pathway on self-structurally modified g-C ₃ N ₄ nanosheets. <i>Science Bulletin</i> , 2018, 63, 609-620.	9.0	72
74	Synthesis of a Bi ₂ O ₂ CO ₃ /ZnFe ₂ O ₄ heterojunction with enhanced photocatalytic activity for visible light irradiation-induced NO removal. <i>Applied Catalysis B: Environmental</i> , 2018, 234, 70-78.	20.2	167
75	Workability and mechanical properties of alkali-activated fly ash-slag concrete cured at ambient temperature. <i>Construction and Building Materials</i> , 2018, 172, 476-487.	7.2	305
76	Phosphorus flame retardants and Bisphenol A in indoor dust and PM _{2.5} in kindergartens and primary schools in Hong Kong. <i>Environmental Pollution</i> , 2018, 235, 365-371.	7.5	59
77	Biocompatible FeOOH-Carbon quantum dots nanocomposites for gaseous NO removal under visible light: Improved charge separation and High selectivity. <i>Journal of Hazardous Materials</i> , 2018, 354, 54-62.	12.4	126
78	Unraveling the mechanisms of room-temperature catalytic degradation of indoor formaldehyde and its biocompatibility on colloidal TiO ₂ -supported MnO _x –CeO ₂ . <i>Environmental Science: Nano</i> , 2018, 5, 1130-1139.	4.3	21
79	Carbon vacancy-induced enhancement of the visible light-driven photocatalytic oxidation of NO over g-C ₃ N ₄ nanosheets. <i>Applied Surface Science</i> , 2018, 430, 380-389.	6.1	189
80	<i>In situ</i> g-C ₃ N ₄ self-sacrificial synthesis of a g-C ₃ N ₄ /LaCO ₃ OH heterostructure with strong interfacial charge transfer and separation for photocatalytic NO removal. <i>Journal of Materials Chemistry A</i> , 2018, 6, 972-981.	10.3	54
81	Graphene-induced formation of visible-light-responsive SnO ₂ -Zn ₂ SnO ₄ Z-scheme photocatalyst with surface vacancy for the enhanced photoreactivity towards NO and acetone oxidation. <i>Chemical Engineering Journal</i> , 2018, 336, 200-210.	12.7	79
82	Direct Z-scheme porous g-C ₃ N ₄ /BiOI heterojunction for enhanced visible-light photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2018, 766, 841-850.	5.5	115
83	Synthesis of SrFe _x Ti _{1-x} O ₃ nanocubes with tunable oxygen vacancies for selective and efficient photocatalytic NO oxidation. <i>Applied Catalysis B: Environmental</i> , 2018, 239, 1-9.	20.2	46
84	Review on nanoscale Bi-based photocatalysts. <i>Nanoscale Horizons</i> , 2018, 3, 464-504.	8.0	421
85	Self-assembly synthesis of boron-doped graphitic carbon nitride hollow tubes for enhanced photocatalytic NO _x removal under visible light. <i>Applied Catalysis B: Environmental</i> , 2018, 239, 352-361.	20.2	154
86	Fabrication of TiO ₂ nanorod assembly grafted rGO (rGO@TiO ₂ -NR) hybridized flake-like photocatalyst. <i>Applied Surface Science</i> , 2017, 391, 218-227.	6.1	81
87	Environment-Friendly Carbon Quantum Dots/ZnFe ₂ O ₄ Photocatalysts: Characterization, Biocompatibility, and Mechanisms for NO Removal. <i>Environmental Science & Technology</i> , 2017, 51, 2924-2933.	10.0	260
88	Peroxymonosulfate activated by amorphous particulate MnO ₂ for mineralization of benzene gas: Redox reaction, weighting analysis, and numerical modelling. <i>Chemical Engineering Journal</i> , 2017, 316, 61-69.	12.7	14
89	Effect of mesoporous g-C ₃ N ₄ substrate on catalytic oxidation of CO over Co ₃ O ₄ . <i>Applied Surface Science</i> , 2017, 401, 333-340.	6.1	63
90	Enhanced photocatalytic removal of NO over titania/hydroxyapatite (TiO ₂ /HAp) composites with improved adsorption and charge mobility ability. <i>RSC Advances</i> , 2017, 7, 24683-24689.	3.6	52

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91	Enhanced visible-light photo-oxidation of nitric oxide using bismuth-coupled graphitic carbon nitride composite heterostructures. Chinese Journal of Catalysis, 2017, 38, 321-329.	14.0	95
92	Improving photoanodes to obtain highly efficient dye-sensitized solar cells: a brief review. Materials Horizons, 2017, 4, 319-344.	12.2	152
93	Controllable Synthesis of Core-Shell Bi ₂ O ₃ Nanospheres with Tunable Optical and Photocatalytic Activity for NO Removal. Industrial & Engineering Chemistry Research, 2017, 56, 10251-10258.	3.7	66
94	Veterinary antibiotics in food, drinking water, and the urine of preschool children in Hong Kong. Environment International, 2017, 108, 246-252.	10.0	155
95	Review on the improvement of the photocatalytic and antibacterial activities of ZnO. Journal of Alloys and Compounds, 2017, 727, 792-820.	5.5	884
96	Three-Dimensional Bi ₅ O ₇ I Photocatalysts for Efficient Removal of NO in Air Under Visible Light. Aerosol Science and Engineering, 2017, 1, 33-40.	1.9	6
97	Fabrication and photocatalytic activity enhanced mechanism of direct Z-scheme g-C ₃ N ₄ /Ag ₂ WO ₄ photocatalyst. Applied Surface Science, 2017, 391, 175-183.	6.1	601
98	Hybridization of rutile TiO ₂ (rTiO ₂) with g-C ₃ N ₄ quantum dots (CN QDs): An efficient visible-light-driven Z-scheme hybridized photocatalyst. Applied Catalysis B: Environmental, 2017, 202, 611-619.	20.2	296
99	Perovskite LaFeO ₃ -SrTiO ₃ composite for synergistically enhanced NO removal under visible light excitation. Applied Catalysis B: Environmental, 2017, 204, 346-357.	20.2	127
100	Highly photoreactive TiO ₂ hollow microspheres with super thermal stability for acetone oxidation. Chinese Journal of Catalysis, 2017, 38, 2085-2093.	14.0	42
101	A review on TiO ₂ -based Z-scheme photocatalysts. Chinese Journal of Catalysis, 2017, 38, 1936-1955.	14.0	511
102	Facile Synthesis of ZnxCd _{1-x} S Solid Solution Microspheres through Ultrasonic Spray Pyrolysis for Improved Photocatalytic Activity. Journal of Nanomaterials, 2017, 2017, 1-8.	2.7	2
103	Mechanism of NO Photocatalytic Oxidation on g-C ₃ N ₄ Was Changed by Pd-QDs Modification. Molecules, 2016, 21, 36.	3.8	22
104	Recent Development of Plasmonic Resonance-Based Photocatalysis and Photovoltaics for Solar Utilization. Molecules, 2016, 21, 180.	3.8	54
105	Thiourea-Modified TiO ₂ Nanorods with Enhanced Photocatalytic Activity. Molecules, 2016, 21, 181.	3.8	24
106	Insight into the Photocatalytic Removal of NO in Air over Nanocrystalline Bi ₂ Sn ₂ O ₇ under Simulated Solar Light. Industrial & Engineering Chemistry Research, 2016, 55, 10609-10617.	3.7	34
107	In situ Fabrication of $\text{Bi}_2\text{O}_3/(\text{BiO})_2\text{CO}_3$ Nanoplate Heterojunctions with Tunable Optical Property and Photocatalytic Activity. Scientific Reports, 2016, 6, 23435.	3.3	65
108	Fabrication and enhanced CO ₂ reduction performance of N-self-doped TiO ₂ microsheet photocatalyst by bi-cocatalyst modification. Journal of CO ₂ Utilization, 2016, 16, 442-449.	6.8	99

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109	Plasmonic Bi/ZnWO ₄ Microspheres with Improved Photocatalytic Activity on NO Removal under Visible Light. ACS Sustainable Chemistry and Engineering, 2016, 4, 6912-6920.	6.7	88
110	Fabrication of Bi ₂ O ₂ CO ₃ /g-C ₃ N ₄ heterojunctions for efficiently photocatalytic NO in air removal: In-situ self-sacrificial synthesis, characterizations and mechanistic study. Applied Catalysis B: Environmental, 2016, 199, 123-133.	20.2	214
111	Photocatalytic selective oxidation of phenol to produce dihydroxybenzenes in a TiO ₂ /UV system: Hydroxyl radical versus hole. Applied Catalysis B: Environmental, 2016, 199, 405-411.	20.2	95
112	Hierarchically porous NiO-Al ₂ O ₃ nanocomposite with enhanced Congo red adsorption in water. RSC Advances, 2016, 6, 10272-10279.	3.6	72
113	Visible-Light-Active Plasmonic Ag-SrTiO ₃ Nanocomposites for the Degradation of NO in Air with High Selectivity. ACS Applied Materials & Interfaces, 2016, 8, 4165-4174.	8.0	132
114	Simultaneous excitation of PdCl ₂ hybrid mesoporous g-C ₃ N ₄ molecular/solid-state photocatalysts for enhancing the visible-light-induced oxidative removal of nitrogen oxides. Applied Catalysis B: Environmental, 2016, 184, 174-181.	20.2	39
115	Hierarchical porous ZnWO ₄ microspheres synthesized by ultrasonic spray pyrolysis: Characterization, mechanistic and photocatalytic NO removal studies. Applied Catalysis A: General, 2016, 515, 170-178.	4.3	59
116	Distribution of bacteria in inhalable particles and its implications for health risks in kindergarten children in Hong Kong. Atmospheric Environment, 2016, 128, 268-275.	4.1	20
117	Halogen poisoning effect of Pt-TiO ₂ for formaldehyde catalytic oxidation performance at room temperature. Applied Surface Science, 2016, 364, 808-814.	6.1	124
118	Hierarchical Ni-SiO ₂ composite hollow microspheres with enhanced adsorption affinity towards Congo red in water. Journal of Colloid and Interface Science, 2016, 466, 238-246.	9.4	133
119	Self doping promoted photocatalytic removal of no under visible light with bi ₂ moo ₆ : Indispensable role of superoxide ions. Applied Catalysis B: Environmental, 2016, 182, 316-325.	20.2	157
120	High-surface area mesoporous Pt/TiO ₂ hollow chains for efficient formaldehyde decomposition at ambient temperature. Journal of Hazardous Materials, 2016, 301, 522-530.	12.4	162
121	Performance and mechanism of visible-light-induced plasmonic photocatalytic purification of NO with Ag/AgX. Chinese Science Bulletin, 2016, 61, 3482-3489.	0.7	2
122	Mass-Controlled Direct Synthesis of Graphene-like Carbon Nitride Nanosheets with Exceptional High Visible Light Activity. Less is Better. Scientific Reports, 2015, 5, 14643.	3.3	71
123	Hierarchical Pt/NiO Hollow Microspheres with Enhanced Catalytic Performance. ChemNanoMat, 2015, 1, 58-67.	2.8	78
124	A Hierarchical Z-Scheme CdS-WO ₃ Photocatalyst with Enhanced CO ₂ Reduction Activity. Small, 2015, 11, 5262-5271.	10.0	682
125	Nanocasting of Periodic Mesoporous Materials as an Effective Strategy to Prepare Mixed Phases of Titania. Molecules, 2015, 20, 21881-21895.	3.8	8
126	Photocatalytic NO removal on BiOI surface: The change from nonselective oxidation to selective oxidation. Applied Catalysis B: Environmental, 2015, 168-169, 490-496.	20.2	88

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127	Efficient photocatalytic degradation of NO by ceramic foam air filters coated with mesoporous TiO ₂ thin films. Chinese Journal of Catalysis, 2015, 36, 2109-2118.	14.0	16
128	Enhanced catalytic activity of hierarchically macro-/mesoporous Pt/TiO ₂ toward room-temperature decomposition of formaldehyde. Catalysis Science and Technology, 2015, 5, 2366-2377.	4.1	86
129	Facile fabrication of porous Cr-doped SrTiO ₃ nanotubes by electrospinning and their enhanced visible-light-driven photocatalytic properties. Journal of Materials Chemistry A, 2015, 3, 3935-3943.	10.3	62
130	New insights into how RGO influences the photocatalytic performance of BiOI/GO nanocomposites under visible and UV irradiation. Journal of Colloid and Interface Science, 2015, 447, 16-24.	9.4	71
131	Synthesis and adsorption performance of Mg(OH) ₂ hexagonal nanosheet/graphene oxide composites. Applied Surface Science, 2015, 332, 121-129.	6.1	121
132	Improving g-C ₃ N ₄ photocatalysis for NO _x removal by Ag nanoparticles decoration. Applied Surface Science, 2015, 358, 356-362.	6.1	101
133	Sulfur-doped g-C ₃ N ₄ with enhanced photocatalytic CO ₂ -reduction performance. Applied Catalysis B: Environmental, 2015, 176-177, 44-52.	20.2	919
134	Enhanced visible light photocatalytic activity and oxidation ability of porous graphene-like g-C ₃ N ₄ nanosheets via thermal exfoliation. Applied Surface Science, 2015, 358, 393-403.	6.1	378
135	Enhanced visible-light-driven photocatalytic removal of NO: Effect on layer distortion on g-C ₃ N ₄ by H ₂ heating. Applied Catalysis B: Environmental, 2015, 179, 106-112.	20.2	131
136	Copolymerization with 2,4,6-Triaminopyrimidine for the Rolling-up the Layer Structure, Tunable Electronic Properties, and Photocatalysis of g-C ₃ N ₄ . ACS Applied Materials & Interfaces, 2015, 7, 5497-5505.	8.0	264
137	Facile synthesis of porous graphene-like carbon nitride (C ₆ N ₉ H ₃) with excellent photocatalytic activity for NO removal. Applied Catalysis B: Environmental, 2015, 174-175, 477-485.	20.2	159
138	Isoelectric point and adsorption activity of porous g-C ₃ N ₄ . Applied Surface Science, 2015, 344, 188-195.	6.1	753
139	The role and synergistic effect of the light irradiation and H ₂ O ₂ in photocatalytic inactivation of Escherichia coli. Journal of Photochemistry and Photobiology B: Biology, 2015, 149, 164-171.	3.8	22
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