

Yongfa Zhu

List of Publications by Year in descending order

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151
papers

28,319
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3531

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times ranked

18477
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#	ARTICLE	IF	CITATIONS
1	Create a strong internal electric-field on PDI photocatalysts for boosting phenols degradation via preferentially exposing π -conjugated planes up to 100%. <i>Applied Catalysis B: Environmental</i> , 2022, 300, 120762.	20.2	43
2	Construction of Interfacial Electric Field via Dual π -Porphyrin Heterostructure Boosting Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2022, 34, e2106807.	21.0	139
3	Graphitic Carbon Nitride for Photoelectrochemical Detection of Environmental Pollutants. <i>ACS ES&T Engineering</i> , 2022, 2, 140-157.	7.6	41
4	High Photocatalytic Oxygen Evolution via Strong Built-in Electric Field Induced by High Crystallinity of Perylene Imide Supramolecule. <i>Advanced Materials</i> , 2022, 34, e2102354.	21.0	67
5	Nitrogen-defect induced trap states steering electron-hole migration in graphite carbon nitride. <i>Applied Catalysis B: Environmental</i> , 2022, 306, 121142.	20.2	61
6	A 3D/0D cobalt-embedded nitrogen-doped porous carbon/supramolecular porphyrin magnetic-separation photocatalyst with highly efficient pollutant degradation and water oxidation performance. <i>Journal of Materials Science and Technology</i> , 2022, 124, 53-64.	10.7	18
7	Perylenetetracarboxylic acid nanosheets with internal electric fields and anisotropic charge migration for photocatalytic hydrogen evolution. <i>Nature Communications</i> , 2022, 13, 2067.	12.8	99
8	Electron Donor π -Acceptor Interface of TPPS/PDI Boosting Charge Transfer for Efficient Photocatalytic Hydrogen Evolution. <i>Advanced Science</i> , 2022, 9, e2201134.	11.2	62
9	Ultrathin triphenylamine π -perylene diimide polymer with D π A structure for photocatalytic oxidation of <i>N</i> -heterocycles using ambient air. <i>EcoMat</i> , 2022, 4, .	11.9	10
10	Unprecedentedly efficient mineralization performance of photocatalysis-self-Fenton system towards organic pollutants over oxygen-doped porous g-C ₃ N ₄ nanosheets. <i>Applied Catalysis B: Environmental</i> , 2022, 312, 121438.	20.2	105
11	Highly efficient photocatalytic hydrogen production via porphyrin-fullerene supramolecular photocatalyst with donor-acceptor structure. <i>Chemical Engineering Journal</i> , 2022, 444, 136621.	12.7	22
12	Double-defect-induced polarization enhanced OV-BiOBr/Cu ₂ S high-low junction for boosted photoelectrochemical hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2022, 314, 121502.	20.2	58
13	Efficient photothermal degradation on Bi ₁₂ CoO ₂₀ sillenite with a strong internal electric field induced by the thermal effect. <i>Applied Catalysis B: Environmental</i> , 2022, 313, 121452.	20.2	8
14	Resin-based photo-self-Fenton system with intensive mineralization by the synergistic effect of holes and hydroxyl radicals. <i>Applied Catalysis B: Environmental</i> , 2022, 315, 121525.	20.2	39
15	Efficient and stable H ₂ O ₂ production from H ₂ O and O ₂ on BiPO ₄ photocatalyst. <i>Applied Catalysis B: Environmental</i> , 2022, 316, 121675.	20.2	41
16	Photogenerated-hole-induced rapid elimination of solid tumors by the supramolecular porphyrin photocatalyst. <i>National Science Review</i> , 2021, 8, nwa155.	9.5	31
17	Interfacial internal electric field and oxygen vacancies synergistically enhance photocatalytic performance of bismuth oxychloride. <i>Journal of Hazardous Materials</i> , 2021, 402, 123470.	12.4	60
18	Photocatalytic activity enhancement of PDI supermolecular via π - π action and energy level adjusting with graphene quantum dots. <i>Applied Catalysis B: Environmental</i> , 2021, 281, 119547.	20.2	104

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19	Controlled Synthesis of Higher Interfacial Electron Transfer Graphite-Like Carbon Nitride/Perylene-tetracarboxylic Diimide Heterogeneous for Enhanced Photocatalytic Activity. <i>Solar Rrl</i> , 2021, 5, 2000453.	5.8	19
20	Improving the photocatalytic activity of benzyl alcohol oxidation by Z-scheme SnS/g-C ₃ N ₄ . <i>New Journal of Chemistry</i> , 2021, 45, 6611-6617.	2.8	30
21	Efficient Photocatalytic Overall Water Splitting Induced by the Giant Internal Electric Field of a g-C ₃ N ₄ /rGO/PDIP ZnS Scheme Heterojunction. <i>Advanced Materials</i> , 2021, 33, e2007479.	21.0	354
22	Steering Electron-Hole Migration Pathways Using Oxygen Vacancies in Tungsten Oxides to Enhance Their Photocatalytic Oxygen Evolution Performance. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8236-8242.	13.8	249
23	Steering Electron-Hole Migration Pathways Using Oxygen Vacancies in Tungsten Oxides to Enhance Their Photocatalytic Oxygen Evolution Performance. <i>Angewandte Chemie</i> , 2021, 133, 8317-8323.	2.0	6
24	Supramolecular Zinc Porphyrin Photocatalyst with Strong Reduction Ability and Robust Built-in Electric Field for Highly Efficient Hydrogen Production. <i>Advanced Energy Materials</i> , 2021, 11, 2101392.	19.5	111
25	Highly-crystalline Triazine-PDI Polymer with an Enhanced Built-in Electric Field for Full-Spectrum Photocatalytic Phenol Mineralization. <i>Applied Catalysis B: Environmental</i> , 2021, 287, 119957.	20.2	73
26	Research progress on methane conversion coupling photocatalysis and thermocatalysis. , 2021, 3, 519-540.		67
27	Encapsulate \pm -MnO ₂ nanofiber within graphene layer to tune surface electronic structure for efficient ozone decomposition. <i>Nature Communications</i> , 2021, 12, 4152.	12.8	106
28	A Full-Spectrum Porphyrin-Fullerene D-A Supramolecular Photocatalyst with Giant Built-in Electric Field for Efficient Hydrogen Production. <i>Advanced Materials</i> , 2021, 33, e2101026.	21.0	122
29	An all-organic 0D/2D supramolecular porphyrin/g-C ₃ N ₄ heterojunction assembled via π - π interaction for efficient visible photocatalytic oxidation. <i>Applied Catalysis B: Environmental</i> , 2021, 291, 120059.	20.2	86
30	Ultrathin perylene imide nanosheet with fast charge transfer enhances photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120585.	20.2	37
31	Photocatalytic production of H ₂ O ₂ from water and dioxygen only under visible light using organic polymers: Systematic study of the effects of heteroatoms. <i>Applied Catalysis B: Environmental</i> , 2021, 299, 120666.	20.2	22
32	Accurate guided alternating atomic layer enhance internal electric field to steering photogenerated charge separation for enhance photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120536.	20.2	32
33	Photochemical preparation of atomically dispersed nickel on cadmium sulfide for superior photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2020, 261, 118233.	20.2	68
34	Enhanced photoactivity and oxidizing ability simultaneously via internal electric field and valence band position by crystal structure of bismuth oxyiodide. <i>Applied Catalysis B: Environmental</i> , 2020, 262, 118262.	20.2	128
35	Enhanced visible-light photocatalytic degradation and disinfection performance of oxidized nanoporous g-C ₃ N ₄ via decoration with graphene oxide quantum dots. <i>Chinese Journal of Catalysis</i> , 2020, 41, 474-484.	14.0	41
36	Large dipole moment induced efficient bismuth chromate photocatalysts for wide-spectrum driven water oxidation and complete mineralization of pollutants. <i>National Science Review</i> , 2020, 7, 652-659.	9.5	58

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37	Photocatalytic degradation of tetracycline antibiotics using three-dimensional network structure perylene diimide supramolecular organic photocatalyst under visible-light irradiation. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119122.	20.2	317
38	Efficient and stable photocatalytic degradation of tetracycline wastewater by 3D Polyaniline/Perylene diimide organic heterojunction under visible light irradiation. <i>Chemical Engineering Journal</i> , 2020, 397, 125476.	12.7	124
39	Perylene diimide anchored graphene 3D structure via π - π interaction for enhanced photoelectrochemical degradation performances. <i>Applied Catalysis B: Environmental</i> , 2020, 272, 118897.	20.2	58
40	A Highly Crystalline Perylene Imide Polymer with the Robust Built-in Electric Field for Efficient Photocatalytic Water Oxidation. <i>Advanced Materials</i> , 2020, 32, e1907746.	21.0	160
41	Photocatalytic activity enhanced via surface hybridization. , 2020, 2, 308-349.		68
42	Visible-Light-Promoted Efficient Aerobic Dehydrogenation of N-Heterocycles by a Tiny Organic Semiconductor Under Ambient Conditions. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1956-1960.	2.4	18
43	Catalytic activity of porous carbon nitride regulated by polyoxometalates under visible light. <i>RSC Advances</i> , 2020, 10, 8255-8260.	3.6	7
44	Highly efficient visible photocatalytic disinfection and degradation performances of microtubular nanoporous g-C ₃ N ₄ via hierarchical construction and defects engineering. <i>Journal of Materials Science and Technology</i> , 2020, 49, 133-143.	10.7	54
45	Enhanced visible photocatalytic oxidation activity of perylene diimide/g-C ₃ N ₄ n-n heterojunction via π - π interaction and interfacial charge separation. <i>Applied Catalysis B: Environmental</i> , 2020, 271, 118933.	20.2	161
46	Thermodynamic and dynamic dual regulation Bi ₂ O ₂ CO ₃ /Bi ₅ O ₇ enabling high-flux photogenerated charge migration for enhanced visible-light-driven photocatalysis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10252-10259.	10.3	45
47	Photocatalysis-self-Fenton system with high-fluent degradation and high mineralization ability. <i>Applied Catalysis B: Environmental</i> , 2020, 276, 119150.	20.2	78
48	Visible-light-promoted aerobic oxidative hydroxylation of arylboronic acids in water by hydrophilic organic semiconductor. <i>Tetrahedron Letters</i> , 2020, 61, 152010.	1.4	3
49	Enhanced visible-light-induced photocatalytic degradation and disinfection activities of oxidized porous g-C ₃ N ₄ by loading Ag nanoparticles. <i>Catalysis Today</i> , 2019, 332, 227-235.	4.4	83
50	TiO ₂ @Perylene Diimide Full-Spectrum Photocatalysts via Semi-Core-Shell Structure. <i>Small</i> , 2019, 15, e1903933.	10.0	44
51	Three-dimensional network structure assembled by g-C ₃ N ₄ nanorods for improving visible-light photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2019, 255, 117761.	20.2	164
52	Three-dimensional porous g-C ₃ N ₄ for highly efficient photocatalytic overall water splitting. <i>Nano Energy</i> , 2019, 59, 644-650.	16.0	553
53	Enhanced organic pollutant photodegradation via adsorption/photocatalysis synergy using a 3D g-C ₃ N ₄ /TiO ₂ free-separation photocatalyst. <i>Chemical Engineering Journal</i> , 2019, 370, 287-294.	12.7	258
54	Designed synthesis of a p-Ag ₂ S/n-PDI self-assembled supramolecular heterojunction for enhanced full-spectrum photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2019, 7, 6482-6490.	10.3	117

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55	Internal electric field engineering for steering photogenerated charge separation and enhancing photoactivity. <i>EcoMat</i> , 2019, 1, e12007.	11.9	134
56	Interaction between self-assembled perylene diimide and 3D graphene for excellent visible-light photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2019, 240, 225-233.	20.2	136
57	A Full-Spectrum Metal-Free Porphyrin Supramolecular Photocatalyst for Dual Functions of Highly Efficient Hydrogen and Oxygen Evolution. <i>Advanced Materials</i> , 2019, 31, e1806626.	21.0	198
58	Fabrication of BiOI/graphene Hydrogel/FTO photoelectrode with 3D porous architecture for the enhanced photoelectrocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2018, 233, 202-212.	20.2	93
59	Polyoxometalates covalently combined with graphitic carbon nitride for photocatalytic hydrogen peroxide production. <i>Catalysis Science and Technology</i> , 2018, 8, 1686-1695.	4.1	70
60	Enhanced visible-light photocatalysis via back-electron transfer from palladium quantum dots to perylene diimide. <i>Applied Catalysis B: Environmental</i> , 2018, 230, 49-57.	20.2	38
61	Self-assembled polymer phenylethynylcopper nanowires for photoelectrochemical and photocatalytic performance under visible light. <i>Applied Catalysis B: Environmental</i> , 2018, 226, 616-623.	20.2	47
62	Self-assembled perylene diimide based supramolecular heterojunction with Bi ₂ WO ₆ for efficient visible-light-driven photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2018, 232, 175-181.	20.2	183
63	Supramolecular packing dominant photocatalytic oxidation and anticancer performance of PDI. <i>Applied Catalysis B: Environmental</i> , 2018, 231, 251-261.	20.2	121
64	Photocatalytic activity enhancement of core-shell structure g-C ₃ N ₄ @TiO ₂ via controlled ultrathin g-C ₃ N ₄ layer. <i>Applied Catalysis B: Environmental</i> , 2018, 220, 337-347.	20.2	357
65	Oxygen-doped carbon nitride aerogel: A self-supported photocatalyst for solar-to-chemical energy conversion. <i>Applied Catalysis B: Environmental</i> , 2018, 236, 428-435.	20.2	108
66	An anion exchange strategy for construction of a novel Bi ₂ SiO ₅ /Bi ₂ MoO ₆ heterostructure with enhanced photocatalytic performance. <i>Catalysis Science and Technology</i> , 2018, 8, 3278-3285.	4.1	28
67	Tuning the K ⁺ Concentration in the Tunnels of δ -MnO ₂ To Increase the Content of Oxygen Vacancy for Ozone Elimination. <i>Environmental Science & Technology</i> , 2018, 52, 8684-8692.	10.0	158
68	Enhanced photocatalytic activity of PTCDI-C60 via π - π interaction. <i>Applied Catalysis B: Environmental</i> , 2018, 238, 302-308.	20.2	35
69	Visible-light photocatalysis of PDI nanowires enhanced by plasmonic effect of the gold nanoparticles. <i>Applied Catalysis B: Environmental</i> , 2018, 239, 61-67.	20.2	92
70	Two-dimensional polymeric carbon nitride: structural engineering for optimizing photocatalysis. <i>Science China Chemistry</i> , 2018, 61, 1205-1213.	8.2	50
71	Constructing a novel Bi ₂ SiO ₅ /BiPO ₄ heterostructure with extended light response range and enhanced photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2018, 236, 205-211.	20.2	105
72	Ultrathin nanosheets g-C ₃ N ₄ @Bi ₂ WO ₆ core-shell structure via low temperature reassembled strategy to promote photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2018, 237, 633-640.	20.2	143

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73	Efficient visible-light-driven selective oxygen reduction to hydrogen peroxide by oxygen-enriched graphitic carbon nitride polymers. <i>Energy and Environmental Science</i> , 2018, 11, 2581-2589.	30.8	451
74	Enhancement of full-spectrum photocatalytic activity over BiPO ₄ /Bi ₂ WO ₆ composites. <i>Applied Catalysis B: Environmental</i> , 2017, 200, 222-229.	20.2	253
75	Three-dimensional photocatalysts with a network structure. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5661-5679.	10.3	86
76	Ultrathin TiO ₂ (B) Nanosheets as the Inductive Agent for Transferring H ₂ O ₂ into Superoxide Radicals. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15533-15540.	8.0	51
77	Covalent combination of polyoxometalate and graphitic carbon nitride for light-driven hydrogen peroxide production. <i>Nano Energy</i> , 2017, 35, 405-414.	16.0	162
78	Peroxymonosulfate enhanced visible light photocatalytic degradation bisphenol A by single-atom dispersed Ag mesoporous g-C ₃ N ₄ hybrid. <i>Applied Catalysis B: Environmental</i> , 2017, 211, 79-88.	20.2	481
79	Surface oxygen vacancy induced δ -MnO ₂ nanofiber for highly efficient ozone elimination. <i>Applied Catalysis B: Environmental</i> , 2017, 209, 729-737.	20.2	380
80	Short-Range π - π Stacking Assembly on P25 TiO ₂ Nanoparticles for Enhanced Visible-Light Photocatalysis. <i>ACS Catalysis</i> , 2017, 7, 652-663.	11.2	98
81	3D-3D porous Bi ₂ WO ₆ /graphene hydrogel composite with excellent synergistic effect of adsorption-enrichment and photocatalytic degradation. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 228-237.	20.2	272
82	Enhanced Visible-Light-Driven Photocatalytic Disinfection Performance and Organic Pollutant Degradation Activity of Porous g-C ₃ N ₄ Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27727-27735.	8.0	300
83	Removal of chromium (VI) by a self-regenerating and metal free g-C ₃ N ₄ /graphene hydrogel system via the synergy of adsorption and photo-catalysis under visible light. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 53-62.	20.2	219
84	Photocatalytic degradation of deoxynivalenol using graphene/ZnO hybrids in aqueous suspension. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 11-20.	20.2	160
85	TiO ₂ /Al(H ₂ PO ₄) ₃ composite film as separation-free and washing-resistance photocatalyst. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 43-48.	20.2	20
86	Photoelectrocatalytic degradation of phenol-containing wastewater by TiO ₂ /g-C ₃ N ₄ hybrid heterostructure thin film. <i>Applied Catalysis B: Environmental</i> , 2017, 201, 600-606.	20.2	258
87	Supramolecular organic nanofibers with highly efficient and stable visible light photooxidation performance. <i>Applied Catalysis B: Environmental</i> , 2017, 202, 289-297.	20.2	195
88	Separation-Free Polyaniline/TiO ₂ 3D Hydrogel with High Photocatalytic Activity. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500502.	3.7	81
89	Self-Assembled PDINH Supramolecular System for Photocatalysis under Visible Light. <i>Advanced Materials</i> , 2016, 28, 7284-7290.	21.0	333
90	Separation free C ₃ N ₄ /SiO ₂ hybrid hydrogels as high active photocatalysts for TOC removal. <i>Applied Catalysis B: Environmental</i> , 2016, 194, 105-110.	20.2	81

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91	Polyaniline/Carbon Nitride Nanosheets Composite Hydrogel: A Separation-Free and High-Efficient Photocatalyst with 3D Hierarchical Structure. <i>Small</i> , 2016, 12, 4370-4378.	10.0	209
92	Highly Efficient Organic Photocatalyst with Full Visible Light Spectrum through π - π Stacking of TCNQ@PTCDI. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30225-30231.	8.0	60
93	Enhancement of catalytic activity and oxidative ability for graphitic carbon nitride. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2016, 28, 87-115.	11.6	192
94	Removal of Cr(VI) by 3D TiO ₂ -graphene hydrogel via adsorption enriched with photocatalytic reduction. <i>Applied Catalysis B: Environmental</i> , 2016, 199, 412-423.	20.2	338
95	Photodegradation of phenol via C ₃ N ₄ -agar hybrid hydrogel 3D photocatalysts with free separation. <i>Applied Catalysis B: Environmental</i> , 2016, 183, 263-268.	20.2	181
96	Enhancement of mineralization ability for phenol via synergetic effect of photoelectrocatalysis of g-C ₃ N ₄ film. <i>Applied Catalysis B: Environmental</i> , 2016, 180, 324-329.	20.2	162
97	Enhancement of photocatalytic performance via a P3HT-g-C ₃ N ₄ heterojunction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2741-2747.	10.3	119
98	Enhanced visible light photocatalytic performance of a novel heterostructured Bi ₄ O ₅ Br ₂ /Bi ₂ CO ₃ Br ₁₀ /Bi ₂ SiO ₅ photocatalyst. <i>Applied Catalysis B: Environmental</i> , 2015, 172-173, 100-107.	20.2	94
99	Controlled synthesis of a highly dispersed BiPO ₄ photocatalyst with surface oxygen vacancies. <i>Nanoscale</i> , 2015, 7, 13943-13950.	5.6	116
100	Photocatalytic hydrogen generation on bifunctional ternary heterostructured In ₂ S ₃ /MoS ₂ /CdS composites with high activity and stability under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18406-18412.	10.3	142
101	Photocatalytic performance enhanced via surface bismuth vacancy of Bi ₆ S ₂ O ₁₅ core/shell nanowires. <i>Applied Catalysis B: Environmental</i> , 2015, 176-177, 306-314.	20.2	86
102	Photocatalytic enhancement of hybrid C ₃ N ₄ /TiO ₂ prepared via ball milling method. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3647-3652.	2.8	141
103	Visible light photoactivity enhancement via CuTCPP hybridized g-C ₃ N ₄ nanocomposite. <i>Applied Catalysis B: Environmental</i> , 2015, 166-167, 366-373.	20.2	193
104	Enhanced catalytic activity of potassium-doped graphitic carbon nitride induced by lower valence position. <i>Applied Catalysis B: Environmental</i> , 2015, 164, 77-81.	20.2	329
105	Enhancement of visible photocatalytic performances of a Bi ₂ MoO ₆ @BiOCl nanocomposite with plate-on-plate heterojunction structure. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 26314-26321.	2.8	138
106	Enhancement of visible light photocatalytic activities via porous structure of g-C ₃ N ₄ . <i>Applied Catalysis B: Environmental</i> , 2014, 147, 229-235.	20.2	285
107	Dramatic visible activity in phenol degradation of TCNQ@TiO ₂ photocatalyst with core-shell structure. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 44-50.	20.2	55
108	Enhanced oxidation ability of g-C ₃ N ₄ photocatalyst via C ₆₀ modification. <i>Applied Catalysis B: Environmental</i> , 2014, 152-153, 262-270.	20.2	388

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109	Surface oxygen vacancy induced photocatalytic performance enhancement of a BiPO ₄ nanorod. Journal of Materials Chemistry A, 2014, 2, 1174-1182.	10.3	252
110	Enhancement of visible photocatalytic activity via Ag@C ₃ N ₄ core-shell plasmonic composite. Applied Catalysis B: Environmental, 2014, 147, 82-91.	20.2	461
111	Significantly enhancement of photocatalytic performances via core-shell structure of ZnO@mpg-C ₃ N ₄ . Applied Catalysis B: Environmental, 2014, 147, 554-561.	20.2	215
112	A superior photocatalytic performance of a novel Bi ₂ SiO ₅ flower-like microsphere via a phase junction. Nanoscale, 2014, 6, 15222-15227.	5.6	48
113	Enhancement of mineralization ability of C ₃ N ₄ via a lower valence position by a tetracyanoquinodimethane organic semiconductor. Journal of Materials Chemistry A, 2014, 2, 11432-11438.	10.3	61
114	Preparation of visible light-driven g-C ₃ N ₄ @ZnO hybrid photocatalyst via mechanochemistry. Physical Chemistry Chemical Physics, 2014, 16, 17627-17633.	2.8	112
115	Enhancement of photocatalytic activity for BiPO ₄ via phase junction. Journal of Materials Chemistry A, 2014, 2, 13041-13048.	10.3	118
116	Fluorine mediated photocatalytic activity of BiPO ₄ . Applied Catalysis B: Environmental, 2014, 147, 851-857.	20.2	121
117	Nanoporous Graphitic Carbon Nitride with Enhanced Photocatalytic Performance. Langmuir, 2013, 29, 10566-10572.	3.5	284
118	The surface oxygen vacancy induced visible activity and enhanced UV activity of a ZnO _{1-x} photocatalyst. Catalysis Science and Technology, 2013, 3, 3136.	4.1	167
119	Enhanced Photocatalytic Performance for the BiPO ₄ Nanorod Induced by Surface Oxygen Vacancy. Journal of Physical Chemistry C, 2013, 117, 18520-18528.	3.1	222
120	Chemical exfoliation of graphitic carbon nitride for efficient heterogeneous photocatalysis. Journal of Materials Chemistry A, 2013, 1, 14766.	10.3	1,080
121	Performance Enhancement of ZnO Photocatalyst via Synergic Effect of Surface Oxygen Defect and Graphene Hybridization. Langmuir, 2013, 29, 3097-3105.	3.5	452
122	Production of visible activity and UV performance enhancement of ZnO photocatalyst via vacuum deoxidation. Applied Catalysis B: Environmental, 2013, 138-139, 26-32.	20.2	183
123	Degradation and mineralization mechanism of phenol by BiPO ₄ photocatalysis assisted with H ₂ O ₂ . Applied Catalysis B: Environmental, 2013, 142-143, 561-567.	20.2	127
124	Photocatalytic Activity Enhanced via g-C ₃ N ₄ Nanoplates to Nanorods. Journal of Physical Chemistry C, 2013, 117, 9952-9961.	3.1	602
125	Visible Photocatalytic Activity Enhancement of ZnWO ₄ by Graphene Hybridization. ACS Catalysis, 2012, 2, 2769-2778.	11.2	260
126	Synthesis and photoactivity enhancement of ZnWO ₄ photocatalysts doped with chlorine. CrystEngComm, 2012, 14, 8076.	2.6	45

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127	Photocatalytic and photoelectrochemical properties of in situ carbon hybridized BiPO ₄ films. Applied Catalysis A: General, 2012, 435-436, 93-98.	4.3	39
128	Enhancement of photocatalytic activity of Bi ₂ WO ₆ hybridized with graphite-like C ₃ N ₄ . Journal of Materials Chemistry, 2012, 22, 11568.	6.7	342
129	Decontamination of Bisphenol A from Aqueous Solution by Graphene Adsorption. Langmuir, 2012, 28, 8418-8425.	3.5	739
130	Dramatic Activity of C ₃ N ₄ /BiPO ₄ Photocatalyst with Core/Shell Structure Formed by Self-Assembly. Advanced Functional Materials, 2012, 22, 1518-1524.	14.9	819
131	Enhancement of photocurrent and photocatalytic activity of ZnO hybridized with graphite-like C ₃ N ₄ . Energy and Environmental Science, 2011, 4, 2922.	30.8	1,005
132	Effects of distortion of PO ₄ tetrahedron on the photocatalytic performances of BiPO ₄ . Catalysis Science and Technology, 2011, 1, 1399.	4.1	141
133	Photocatalytic activity and photoelectric performance enhancement for ZnWO ₄ by fluorine substitution. Journal of Molecular Catalysis A, 2011, 348, 100-105.	4.8	50
134	Significantly enhanced photocatalytic performance of ZnO via graphene hybridization and the mechanism study. Applied Catalysis B: Environmental, 2011, 101, 382-387.	20.2	1,034
135	Significant enhancement of the visible photocatalytic degradation performances of ¹³ -Bi ₂ MoO ₆ nanoplate by graphene hybridization. Journal of Molecular Catalysis A, 2011, 340, 77-82.	4.8	110
136	Enhancement of photoelectric catalytic activity of TiO ₂ film via Polyaniline hybridization. Journal of Solid State Chemistry, 2011, 184, 1433-1438.	2.9	49
137	Surface hybridization effect of C ₆₀ molecules on TiO ₂ and enhancement of the photocatalytic activity. Journal of Molecular Catalysis A, 2010, 331, 7-14.	4.8	61
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