Zhu Yongfa

List of Publications by Year
in descending order

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377	45,941	735 120	2178 202
papers	citations	h-index	g-index

381	381	381	28513
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Create a strong internal electric-field on PDI photocatalysts for boosting phenols degradation via preferentially exposing Ï€-conjugated planes up to 100%. Applied Catalysis B: Environmental, 2022, 300, 120762.	20.2	43
2	Cationâ€Deficiencyâ€Dependent CO₂ Electroreduction over Copperâ€Based Ruddlesdenâ€“Popper Perovskite Oxides. Angewandte Chemie - International Edition, 2022, 61, .	13.8	33
3	Cationâ€Deficiencyâ€Dependent CO2 Electroreduction over Copperâ€Based Ruddlesdenâ€Popper Perovskite Oxides. Angewandte Chemie, 2022, 134, e202111670.	2.0	0
4	Construction of Interfacial Electric Field via Dualâ€Porphyrin Heterostructure Boosting Photocatalytic Hydrogen Evolution. Advanced Materials, 2022, 34, e2106807.	21.0	139
5	Residual iodine on in-situ transformed bismuth nanosheets induced activity difference in CO2 electroreduction. Journal of CO2 Utilization, 2022, 55, 101802.	6.8	12
6	Solar water recycling of carbonaceous aerogel in open and colsed systems for seawater desalination and wastewater purification. Chemical Engineering Journal, 2022, 431, 133824.	12.7	43
7	Graphitic Carbon Nitride for Photoelectrochemical Detection of Environmental Pollutants. ACS ES&T Engineering, 2022, 2, 140-157.	7.6	41
8	High Photocatalytic Oxygen Evolution via Strong Builtâ€In Electric Field Induced by High Crystallinity of Perylene Imide Supramolecule. Advanced Materials, 2022, 34, e2102354.	21.0	67
9	Monodisperse Ni-clusters anchored on carbon nitride for efficient photocatalytic hydrogen evolution. Chinese Journal of Catalysis, 2022, 43, 536-545.	14.0	15
10	Steering Unit Cell Dipole and Internal Electric Field by Highly Dispersed Er atoms Embedded into NiO for Efficient CO₂ Photoreduction. Advanced Functional Materials, 2022, 32, .	14.9	52
11	Transitionâ€Metalâ€Based Cocatalysts for Photocatalytic Water Splitting. Small Structures, 2022, 3, .	12.0	53
12	Perylenetetracarboxylic acid nanosheets with internal electric fields and anisotropic charge migration for photocatalytic hydrogen evolution. Nature Communications, 2022, 13, 2067.	12.8	99
13	Electron Donorâ€“Acceptor Interface of TPPS/PDI Boosting Charge Transfer for Efficient Photocatalytic Hydrogen Evolution. Advanced Science, 2022, 9, e2201134.	11.2	62
14	Engineering Low-Coordination Single-Atom Cobalt on Graphitic Carbon Nitride Catalyst for Hydrogen Evolution. ACS Catalysis, 2022, 12, 5517-5526.	11.2	67
15	Ultrathin triphenylamineâ€“perylene diimide polymer with Dâ€“A structure for photocatalytic oxidation of Nâ€heterocycles using ambient air. EcoMat, 2022, 4, .	11.9	10
16	Homogeneity of Supported Singleâ€Atom Active Sites Boosting the Selective Catalytic Transformations. Advanced Science, 2022, 9, .	11.2	47
17	Noble Metal-Free 2D 1T-MoS₂ Edge Sites Boosting Selective Hydrogenation of Maleic Anhydride. ACS Catalysis, 2022, 12, 8986-8994.	11.2	18
18	Photogenerated-hole-induced rapid elimination of solid tumors by the supramolecular porphyrin photocatalyst. National Science Review, 2021, 8, nwaa155.	9.5	31

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19	Interfacial internal electric field and oxygen vacancies synergistically enhance photocatalytic performance of bismuth oxychloride. Journal of Hazardous Materials, 2021, 402, 123470.	12.4	60
20	Photocatalytic activity enhancement of PDI supermolecular via Ï€-Ï€ action and energy level adjusting with graphene quantum dots. Applied Catalysis B: Environmental, 2021, 281, 119547.	20.2	104
21	Comparison of the interfacial reactions and properties between Ag/Ti3AlC2 and Ag/Ti3SiC2 electrical contact materials. Journal of Alloys and Compounds, 2021, 857, 157588.	5.5	15
22	Controlled Synthesis of Higher Interfacial Electron Transfer Graphiteâ€Like Carbon Nitride/Perylenetetracarboxylic Diimide Heterogeneous for Enhanced Photocatalytic Activity. Solar Rrl, 2021, 5, 2000453.	5.8	19
23	Improving the photocatalytic activity of benzyl alcohol oxidation by Z-scheme SnS/g-C₃N₄. New Journal of Chemistry, 2021, 45, 6611-6617.	2.8	30
24	Efficient Photocatalytic Overall Water Splitting Induced by the Giant Internal Electric Field of a gâ€C₃N₄/rGO/PDIP Zâ€Scheme Heterojunction. Advanced Materials, 2021, 33, e2007479.	21.0	354
25	The construction of a wide-spectrum-responsive and high-activity photocatalyst, Bi₂₅CoO₄₀, via the creation of large external dipoles. Journal of Materials Chemistry A, 2021, 9, 3616-3627.	10.3	15
26	Steering Electronâ€“Hole Migration Pathways Using Oxygen Vacancies in Tungsten Oxides to Enhance Their Photocatalytic Oxygen Evolution Performance. Angewandte Chemie - International Edition, 2021, 60, 8236-8242.	13.8	249
27	Steering Electronâ€“Hole Migration Pathways Using Oxygen Vacancies in Tungsten Oxides to Enhance Their Photocatalytic Oxygen Evolution Performance. Angewandte Chemie, 2021, 133, 8317-8323.	2.0	6
28	Photochemical synthesis of Ni-Ni(OH)2 synergistic cocatalysts hybridized with CdS nanorods for efficient photocatalytic hydrogen evolution. FlatChem, 2021, 26, 100232.	5.6	14
29	CO₂ Electroreduction to Formate at a Partial Current Density up to 590ÂmA mg^{â^'1} via Micrometerâ€Scale Lateral Structuring of Bismuth Nanosheets. Small, 2021, 17, e2100602.	10.0	25
30	Supramolecular Zinc Porphyrin Photocatalyst with Strong Reduction Ability and Robust Builtâ€In Electric Field for Highly Efficient Hydrogen Production. Advanced Energy Materials, 2021, 11, 2101392.	19.5	111
31	Highly-crystalline Triazine-PDI Polymer with an Enhanced Built-in Electric Field for Full-Spectrum Photocatalytic Phenol Mineralization. Applied Catalysis B: Environmental, 2021, 287, 119957.	20.2	73
32	Bi4O5Br2 nanosheets with vertical aligned facets for efficient visible-light-driven photodegradation of BPA. Applied Catalysis B: Environmental, 2021, 286, 119937.	20.2	69
33	Research progress on methane conversion coupling photocatalysis and thermocatalysis. , 2021, 3, 519-540.		67
34	Encapsulate Î±-MnO2 nanofiber within graphene layer to tune surface electronic structure for efficient ozone decomposition. Nature Communications, 2021, 12, 4152.	12.8	106
35	A Fullâ€Spectrum Porphyrinâ€“Fullerene Dâ€“A Supramolecular Photocatalyst with Giant Builtâ€In Electric Field for Efficient Hydrogen Production. Advanced Materials, 2021, 33, e2101026.	21.0	122
36	An all-organic 0D/2D supramolecular porphyrin/g-C3N4 heterojunction assembled via Ï€-Ï€ interaction for efficient visible photocatalytic oxidation. Applied Catalysis B: Environmental, 2021, 291, 120059.	20.2	86

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37	CeO2 supported Pd dimers boosting CO2 hydrogenation to ethanol. Applied Catalysis B: Environmental, 2021, 291, 120122.	20.2	88
38	Visible-light responsive PDI/rGO composite film for the photothermal catalytic degradation of antibiotic wastewater and interfacial water evaporation. Applied Catalysis B: Environmental, 2021, 291, 120127.	20.2	127
39	Accessing the applicability of the MBE approach for constructing potential energy surfaces of nitrogen clusters. Chemical Physics, 2021, 549, 111272.	1.9	1
40	High-efficiency degradation of quinclorac via peroxymonosulfate activated by N-doped CoFe2O4/Fe0@CEDTA hybrid catalyst. Journal of Industrial and Engineering Chemistry, 2021, 102, 177-185.	5.8	19
41	High efficiency reduction of CO2 to CO and CH4 via photothermal synergistic catalysis of lead-free perovskite Cs3Sb2I9. Applied Catalysis B: Environmental, 2021, 294, 120236.	20.2	48
42	Bottom-up approach to quasi-monolayer black phosphorus advancing photocatalytic H2 evolution. Chemical Engineering Journal, 2021, 421, 127841.	12.7	21
43	Ultrathin perylene imide nanosheet with fast charge transfer enhances photocatalytic performance. Applied Catalysis B: Environmental, 2021, 298, 120585.	20.2	37
44	Unravelling the electrocatalytic activity of bismuth nanosheets towards carbon dioxide reduction: Edge plane versus basal plane. Applied Catalysis B: Environmental, 2021, 299, 120693.	20.2	21
45	Photocatalytic production of H2O2 from water and dioxygen only under visible light using organic polymers: Systematic study of the effects of heteroatoms. Applied Catalysis B: Environmental, 2021, 299, 120666.	20.2	22
46	Accurate guided alternating atomic layer enhance internal electric field to steering photogenerated charge separation for enhance photocatalytic activity. Applied Catalysis B: Environmental, 2021, 298, 120536.	20.2	32
47	Photochemical preparation of atomically dispersed nickel on cadmium sulfide for superior photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2020, 261, 118233.	20.2	68
48	Enhanced photoactivity and oxidizing ability simultaneously via internal electric field and valence band position by crystal structure of bismuth oxyiodide. Applied Catalysis B: Environmental, 2020, 262, 118262.	20.2	128
49	CN/rGO@BPQDs high-low junctions with stretching spatial charge separation ability for photocatalytic degradation and H2O2 production. Applied Catalysis B: Environmental, 2020, 266, 118602.	20.2	324
50	Enhanced visible-light photocatalytic degradation and disinfection performance of oxidized nanoporous g-C3N4 via decoration with graphene oxide quantum dots. Chinese Journal of Catalysis, 2020, 41, 474-484.	14.0	41
51	Synergistic introducing of oxygen vacancies and hybrid of organic semiconductor: Realizing deep structure modulation on Bi5O7I for high-efficiency photocatalytic pollutant oxidation. Applied Catalysis B: Environmental, 2020, 265, 118562.	20.2	106
52	Large dipole moment induced efficient bismuth chromate photocatalysts for wide-spectrum driven water oxidation and complete mineralization of pollutants. National Science Review, 2020, 7, 652-659.	9.5	58
53	In2O3/boron doped g-C3N4 heterojunction catalysts with remarkably enhanced visible-light photocatalytic efficiencies. Applied Surface Science, 2020, 504, 144241.	6.1	38
54	K+-induced crystallization of polymeric carbon nitride to boost its photocatalytic activity for H2 evolution and hydrogenation of alkenes. Applied Catalysis B: Environmental, 2020, 268, 118457.	20.2	67

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55	Photo-sensitization of BiOCl by CuInS2 Surface Layer for Photoelectrochemical Cathode. Catalysis Letters, 2020, 150, 1337-1345.	2.6	5
56	CN/iodine-doped CN homojunction powder catalysts with excellent visible-light photocatalytic properties. Powder Technology, 2020, 373, 488-496.	4.2	6
57	p-Type Cu₂O as an effective interlayer between CdS and NiO_x cocatalysts to promote photocatalytic hydrogen production. New Journal of Chemistry, 2020, 44, 17719-17723.	2.8	4
58	Photocatalytic degradation of tetracycline antibiotics using three-dimensional network structure perylene diimide supramolecular organic photocatalyst under visible-light irradiation. Applied Catalysis B: Environmental, 2020, 277, 119122.	20.2	317
59	Efficient and stable photocatalytic degradation of tetracycline wastewater by 3D Polyaniline/Perylene diimide organic heterojunction under visible light irradiation. Chemical Engineering Journal, 2020, 397, 125476.	12.7	124
60	Perylene diimide anchored graphene 3D structure via Ï€-Ï€ interaction for enhanced photoelectrochemical degradation performances. Applied Catalysis B: Environmental, 2020, 272, 118897.	20.2	58
61	A Highly Crystalline Perylene Imide Polymer with the Robust Builtâ€in Electric Field for Efficient Photocatalytic Water Oxidation. Advanced Materials, 2020, 32, e1907746.	21.0	160
62	Photocatalytic activity enhanced via surface hybridization. , 2020, 2, 308-349.		68
63	Visibleâ€Lightâ€Promoted Efficient Aerobic Dehydrogenation of Nâ€Heterocycles by a Tiny Organic Semiconductor Under Ambient Conditions. European Journal of Organic Chemistry, 2020, 2020, 1956-1960.	2.4	18
64	Catalytic activity of porous carbon nitride regulated by polyoxometalates under visible light. RSC Advances, 2020, 10, 8255-8260.	3.6	7
65	Highly efficient visible photocatalytic disinfection and degradation performances of microtubular nanoporous g-C3N4 via hierarchical construction and defects engineering. Journal of Materials Science and Technology, 2020, 49, 133-143.	10.7	54
66	Enhanced visible photocatalytic oxidation activity of perylene diimide/g-C3N4 n-n heterojunction via Ï€-Ï€ interaction and interfacial charge separation. Applied Catalysis B: Environmental, 2020, 271, 118933.	20.2	161
67	Thermodynamic and dynamic dual regulation Bi₂O₂CO₃/Bi₅O₇I enabling high-flux photogenerated charge migration for enhanced visible-light-driven photocatalysis. Journal of Materials Chemistry A, 2020, 8, 10252-10259.	10.3	45
68	Photocatalysis-self-Fenton system with high-fluent degradation and high mineralization ability. Applied Catalysis B: Environmental, 2020, 276, 119150.	20.2	78
69	Visible-light-promoted aerobic oxidative hydroxylation of arylboronic acids in water by hydrophilic organic semiconductor. Tetrahedron Letters, 2020, 61, 152010.	1.4	3
70	Modulating Directional Electron Transfer on Boron Nitride Nanosheets by Oxygen Modification for Effectively Molecule Activation. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2020, .	4.9	0
71	Enhanced visible-light-induced photocatalytic degradation and disinfection activities of oxidized porous g-C3N4 by loading Ag nanoparticles. Catalysis Today, 2019, 332, 227-235.	4.4	83
72	DyVO4/boron-doped g-C3N4 composite photocatalytic materials with enhanced visible-light purification properties. Diamond and Related Materials, 2019, 97, 107462.	3.9	3

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73	TiO₂@Perylene Diimide Fullâ€Spectrum Photocatalysts via Semiâ€Coreâ€“Shell Structure. Small, 2019, 15, e1903933.	10.0	44
74	Highly Dispersed and Smallâ€Sized Nickel(II) Hydroxide Coâ€Catalyst Prepared by Photodeposition for Hydrogen Production. Chemistry - an Asian Journal, 2019, 14, 4193-4200.	3.3	11
75	Recent advances in 3D g-C3N4 composite photocatalysts for photocatalytic water splitting, degradation of pollutants and CO2 reduction. Journal of Alloys and Compounds, 2019, 802, 196-209.	5.5	217
76	Three-dimensional network structure assembled by g-C3N4 nanorods for improving visible-light photocatalytic performance. Applied Catalysis B: Environmental, 2019, 255, 117761.	20.2	164
77	Enhancement of the degradation ability for organic pollutants via the synergistic effect of photoelectrocatalysis on a self-assembled perylene diimide (SA-PDI) thin film. Science Bulletin, 2019, 64, 896-903.	9.0	34
78	Three-dimensional porous g-C3N4 for highly efficient photocatalytic overall water splitting. Nano Energy, 2019, 59, 644-650.	16.0	553
79	Enhanced organic pollutant photodegradation via adsorption/photocatalysis synergy using a 3D g-C3N4/TiO2 free-separation photocatalyst. Chemical Engineering Journal, 2019, 370, 287-294.	12.7	258
80	Fabrication of 3D ultra-light graphene aerogel/Bi2WO6 composite with excellent photocatalytic performance: A promising photocatalysts for water purification. Journal of the Taiwan Institute of Chemical Engineers, 2019, 97, 288-296.	5.3	88
81	Carbon nitride nested tubes with graphene as a dual electron mediator in Z-scheme photocatalytic deoxynivalenol degradation. Catalysis Science and Technology, 2019, 9, 1680-1690.	4.1	28
82	Designed synthesis of a p-Ag₂S/n-PDI self-assembled supramolecular heterojunction for enhanced full-spectrum photocatalytic activity. Journal of Materials Chemistry A, 2019, 7, 6482-6490.	10.3	117
83	Internal electric field engineering for steering photogenerated charge separation and enhancing photoactivity. EcoMat, 2019, 1, e12007.	11.9	134
84	Ï€â€“Ï€ Interaction between self-assembled perylene diimide and 3D graphene for excellent visible-light photocatalytic activity. Applied Catalysis B: Environmental, 2019, 240, 225-233.	20.2	136
85	A Fullâ€Spectrum Metalâ€Free Porphyrin Supramolecular Photocatalyst for Dual Functions of Highly Efficient Hydrogen and Oxygen Evolution. Advanced Materials, 2019, 31, e1806626.	21.0	198
86	Construction of urchin-like ZnIn2S4-Au-TiO2 heterostructure with enhanced activity for photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 234, 260-267.	20.2	177
87	Fabrication of BiOI/graphene Hydrogel/FTO photoelectrode with 3D porous architecture for the enhanced photoelectrocatalytic performance. Applied Catalysis B: Environmental, 2018, 233, 202-212.	20.2	93
88	Polyoxometalates covalently combined with graphitic carbon nitride for photocatalytic hydrogen peroxide production. Catalysis Science and Technology, 2018, 8, 1686-1695.	4.1	70
89	Enhanced visible-light photocatalysis via back-electron transfer from palladium quantum dots to perylene diimide. Applied Catalysis B: Environmental, 2018, 230, 49-57.	20.2	38
90	Self-assembled polymer phenylethnylcopper nanowires for photoelectrochemical and photocatalytic performance under visible light. Applied Catalysis B: Environmental, 2018, 226, 616-623.	20.2	47

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91	Self-assembled perylene diimide based supramolecular heterojunction with Bi2WO6 for efficient visible-light-driven photocatalysis. Applied Catalysis B: Environmental, 2018, 232, 175-181.	20.2	183
92	Supramolecular packing dominant photocatalytic oxidation and anticancer performance of PDI. Applied Catalysis B: Environmental, 2018, 231, 251-261.	20.2	121
93	Combination of photoelectrocatalysis and adsorption for removal of bisphenol A over TiO2-graphene hydrogel with 3D network structure. Applied Catalysis B: Environmental, 2018, 221, 36-46.	20.2	289
94	Water soluble graphitic carbon nitride with tunable fluorescence for boosting broad-response photocatalysis. Applied Catalysis B: Environmental, 2018, 225, 519-529.	20.2	49
95	Photocatalytic activity enhancement of core-shell structure g-C3N4@TiO2 via controlled ultrathin g-C3N4 layer. Applied Catalysis B: Environmental, 2018, 220, 337-347.	20.2	357
96	Direct storage of holes in ultrathin Ni(OH)₂ on Fe₂O₃ photoelectrodes for integrated solar charging battery-type supercapacitors. Journal of Materials Chemistry A, 2018, 6, 21360-21367.	10.3	44
97	Conjugated Polymers with Sequential Fluorination for Enhanced Photocatalytic H₂ Evolution via Proton-Coupled Electron Transfer. ACS Energy Letters, 2018, 3, 2544-2549.	17.4	109
98	A honeycomb multilevel structure Bi2O3 with highly efficient catalytic activity driven by bias voltage and oxygen defect. Applied Catalysis B: Environmental, 2018, 237, 442-448.	20.2	84
99	Oxygen-doped carbon nitride aerogel: A self-supported photocatalyst for solar-to-chemical energy conversion. Applied Catalysis B: Environmental, 2018, 236, 428-435.	20.2	108
100	A high-performance Bi2O3/Bi2SiO5 p-n heterojunction photocatalyst induced by phase transition of Bi2O3. Applied Catalysis B: Environmental, 2018, 237, 59-67.	20.2	252
101	An anion exchange strategy for construction of a novel Bi₂SiO₅/Bi₂MoO₆ heterostructure with enhanced photocatalytic performance. Catalysis Science and Technology, 2018, 8, 3278-3285.	4.1	28
102	Tuning the K⁺ Concentration in the Tunnels of Î±-MnO₂ To Increase the Content of Oxygen Vacancy for Ozone Elimination. Environmental Science & Technology, 2018, 52, 8684-8692.	10.0	158
103	Enhanced photocatalytic activity of PTCDI-C60 via Ï€â€“Ï€ interaction. Applied Catalysis B: Environmental, 2018, 238, 302-308.	20.2	35
104	Visible-light photocatalysis of PDI nanowires enhanced by plasmonic effect of the gold nanoparticles. Applied Catalysis B: Environmental, 2018, 239, 61-67.	20.2	92
105	Two-dimensional polymeric carbon nitride: structural engineering for optimizing photocatalysis. Science China Chemistry, 2018, 61, 1205-1213.	8.2	50
106	Constructing a novel Bi2SiO5/BiPO4 heterostructure with extended light response range and enhanced photocatalytic performance. Applied Catalysis B: Environmental, 2018, 236, 205-211.	20.2	105
107	Ultrathin nanosheets g-C3N4@Bi2WO6 core-shell structure via low temperature reassembled strategy to promote photocatalytic activity. Applied Catalysis B: Environmental, 2018, 237, 633-640.	20.2	143
108	Efficient visible-light-driven selective oxygen reduction to hydrogen peroxide by oxygen-enriched graphitic carbon nitride polymers. Energy and Environmental Science, 2018, 11, 2581-2589.	30.8	451

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109	Enhancement of full-spectrum photocatalytic activity over BiPO4/Bi2WO6 composites. Applied Catalysis B: Environmental, 2017, 200, 222-229.	20.2	253
110	Three-dimensional photocatalysts with a network structure. Journal of Materials Chemistry A, 2017, 5, 5661-5679.	10.3	86
111	Separation-free TiO2-graphene hydrogel with 3D network structure for efficient photoelectrocatalytic mineralization. Applied Catalysis B: Environmental, 2017, 211, 106-113.	20.2	54
112	Removal of bisphenol A over a separation free 3D Ag 3 PO 4 -graphene hydrogel via an adsorption-photocatalysis synergy. Applied Catalysis B: Environmental, 2017, 212, 41-49.	20.2	194
113	Core-shell g-C3N4@ZnO composites as photoanodes with double synergistic effects for enhanced visible-light photoelectrocatalytic activities. Applied Catalysis B: Environmental, 2017, 217, 169-180.	20.2	190
114	Ultrathin TiO₂(B) Nanosheets as the Inductive Agent for Transfrering H₂O₂ into Superoxide Radicals. ACS Applied Materials & Interfaces, 2017, 9, 15533-15540.	8.0	51
115	Covalent combination of polyoxometalate and graphitic carbon nitride for light-driven hydrogen peroxide production. Nano Energy, 2017, 35, 405-414.	16.0	162
116	Peroxymonosulfate enhanced visible light photocatalytic degradation bisphenol A by single-atom dispersed Ag mesoporous g-C3N4 hybrid. Applied Catalysis B: Environmental, 2017, 211, 79-88.	20.2	481
117	Surface oxygen vacancy induced Î±-MnO 2 nanofiber for highly efficient ozone elimination. Applied Catalysis B: Environmental, 2017, 209, 729-737.	20.2	380
118	Short-Range Ï€â€“Ï€ Stacking Assembly on P25 TiO₂ Nanoparticles for Enhanced Visible-Light Photocatalysis. ACS Catalysis, 2017, 7, 652-663.	11.2	98
119	3D-3D porous Bi2WO6/graphene hydrogel composite with excellent synergistic effect of adsorption-enrichment and photocatalytic degradation. Applied Catalysis B: Environmental, 2017, 205, 228-237.	20.2	272
120	Enhanced Visible-Light-Driven Photocatalytic Disinfection Performance and Organic Pollutant Degradation Activity of Porous g-C₃N₄ Nanosheets. ACS Applied Materials & Interfaces, 2017, 9, 27727-27735.	8.0	300
121	Deactivating harmful marine microorganisms through photoelectrocatalysis by GO/ZnWO4 electrodes. Chemical Engineering Journal, 2017, 330, 635-643.	12.7	32
122	Interfaceâ€Engineered Ni(OH)₂/Î²â€like FeOOH Electrocatalysts for Highly Efficient and Stable Oxygen Evolution Reaction. Chemistry - an Asian Journal, 2017, 12, 2720-2726.	3.3	43
123	Probing Ï€-Ï€ stacking modulation of g-C3N4/graphene heterojunctions and corresponding role of graphene on photocatalytic activity. Journal of Colloid and Interface Science, 2017, 508, 274-281.	9.4	67
124	Well-designed 3D ZnIn2S4 nanosheets/TiO2 nanobelts as direct Z-scheme photocatalysts for CO2 photoreduction into renewable hydrocarbon fuel with high efficiency. Applied Catalysis B: Environmental, 2017, 219, 611-618.	20.2	375
125	One-pot synthesis of C/Bi/Bi2O3 composite with enhanced photocatalytic activity. Applied Catalysis B: Environmental, 2017, 219, 63-72.	20.2	150
126	Removal of chromium (VI) by a self-regenerating and metal free g-C3N4/graphene hydrogel system via the synergy of adsorption and photo-catalysis under visible light. Applied Catalysis B: Environmental, 2017, 219, 53-62.	20.2	219

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127	Synergetic activation of peroxymonosulfate by Co3O4 modified g-C3N4 for enhanced degradation of diclofenac sodium under visible light irradiation. Applied Catalysis B: Environmental, 2017, 218, 810-818.	20.2	255
128	Photocatalytic degradation of deoxynivalenol using graphene/ZnO hybrids in aqueous suspension. Applied Catalysis B: Environmental, 2017, 204, 11-20.	20.2	160
129	TiO2/Al(H2PO4)3 composite film as separation-free and washing-resistance photocatalyst. Applied Catalysis B: Environmental, 2017, 204, 43-48.	20.2	20
130	Photoelectrocatalytic degradation of phenol-containing wastewater by TiO2/g-C3N4 hybrid heterostructure thin film. Applied Catalysis B: Environmental, 2017, 201, 600-606.	20.2	258
131	Supramolecular organic nanofibers with highly efficient and stable visible light photooxidation performance. Applied Catalysis B: Environmental, 2017, 202, 289-297.	20.2	195
132	Separationâ€Free Polyaniline/TiO₂ 3D Hydrogel with High Photocatalytic Activity. Advanced Materials Interfaces, 2016, 3, 1500502.	3.7	81
133	Charge storage performances of micro-supercapacitor predominated by two-dimensional (2D) crystal structure. Nano Energy, 2016, 27, 58-67.	16.0	39
134	Selfâ€Assembled PDINH Supramolecular System for Photocatalysis under Visible Light. Advanced Materials, 2016, 28, 7284-7290.	21.0	333
135	In situ hydrothermal fabrication of a MnO₂@CoMoO₄@Ni nanohybrid electrode and ultrahigh energy density of ASCs. RSC Advances, 2016, 6, 46508-46515.	3.6	9
136	Synthesis and Performance Enhancement for Bi2WO6 as High-Activity Visible-Light-Driven Photocatalysts. Nanostructure Science and Technology, 2016, , 359-389.	0.1	3
137	Separation free C3N4/SiO2 hybrid hydrogels as high active photocatalysts for TOC removal. Applied Catalysis B: Environmental, 2016, 194, 105-110.	20.2	81
138	Oxygen vacancy induced structure change and interface reaction in HfO2 films on native SiO2/Si substrate. Applied Surface Science, 2016, 390, 260-265.	6.1	21
139	Polyaniline/Carbon Nitride Nanosheets Composite Hydrogel: A Separationâ€Free and Highâ€Efficient Photocatalyst with 3D Hierarchical Structure. Small, 2016, 12, 4370-4378.	10.0	209
140	Fabrication of Wideâ€“Rangeâ€“Visible Photocatalyst Bi2WO6â^'x nanoplates via Surface Oxygen Vacancies. Scientific Reports, 2016, 6, 19347.	3.3	165
141	Highly Efficient Organic Photocatalyst with Full Visible Light Spectrum through Ï€â€“Ï€ Stacking of TCNQâ€“PTCDI. ACS Applied Materials & Interfaces, 2016, 8, 30225-30231.	8.0	60
142	Enhancement of catalytic activity and oxidative ability for graphitic carbon nitride. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2016, 28, 87-115.	11.6	192
143	Removal of Cr(VI) by 3D TiO 2 -graphene hydrogel via adsorption enriched with photocatalytic reduction. Applied Catalysis B: Environmental, 2016, 199, 412-423.	20.2	338
144	Photocatalytic performance of BiPO4 nanorods adjusted via defects. Applied Catalysis B: Environmental, 2016, 187, 204-211.	20.2	151

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145	Photodegradation of phenol via C 3 N 4 -agar hybrid hydrogel 3D photocatalysts with free separation. Applied Catalysis B: Environmental, 2016, 183, 263-268.	20.2	181
146	Influence of phase structure and morphology on the photocatalytic activity of bismuth molybdates. CrystEngComm, 2016, 18, 1976-1986.	2.6	75
147	Understanding the contribution of hydroxyl to the energy band of a semiconductor: Bi₂O(OH)₂SO₄vs. Bi₆S₂O₁₅. Dalton Transactions, 2016, 45, 6866-6877.	3.3	13
148	Morphology-dependent photoelectrochemical properties of multi-scale layered Bi(C₂O₄)OH. RSC Advances, 2016, 6, 23537-23549.	3.6	10
149	The formation of heterointerface defects in Au/Cu films on Si substrates under direct current in a vacuum ultraviolet environment. Physical Chemistry Chemical Physics, 2016, 18, 4019-4025.	2.8	0
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