

# Zhi Zhu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4995716/zhi-zhu-publications-by-year.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98  
papers

4,020  
citations

38  
h-index

61  
g-index

100  
ext. papers

5,061  
ext. citations

7.7  
avg, IF

5.97  
L-index

#	Paper	IF	Citations
98	Fabrication of silver vanadate quantum dots/reduced graphene oxide/graphitic carbon nitride Z-scheme heterostructure modified polyvinylidene fluoride self-cleaning membrane for enhancing photocatalysis and mechanism insight.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 614, 677-689	9.3	4
97	Leaf-Vein structure like g-C3N4/P-MWNTs donor-accepter hybrid catalyst for efficient CO2 photoreduction. <i>Carbon</i> , <b>2022</b> , 188, 59-69	10.4	3
96	Magnetic induced fabrication of core-shell structure Fe3O4@TiO2 photocatalytic membrane: enhancing photocatalytic degradation of tetracycline and antifouling performance. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 106666	6.8	2
95	Biomass-Assisted Synthesis of CeO2 Nanorods for CO2 Photoreduction under Visible Light. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 4226-4237	5.6	6
94	Insight into the Effect of the Cl 3p Orbital on g-C3N4 Mimicking Photosynthesis under CO2 Reduction. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 9646-9656	3.8	4
93	Numerical study on optoelectronic properties of alkaline-earth metal doped g-C3N4. <i>Chemical Physics</i> , <b>2021</b> , 544, 111104	2.3	2
92	Fabricating intramolecular donor-acceptor system via covalent bonding of carbazole to carbon nitride for excellent photocatalytic performance towards CO conversion. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 594, 550-560	9.3	7
91	Ag/BiOI/C enhanced photocatalytic activity under visible light irradiation. <i>Journal of Dispersion Science and Technology</i> , <b>2021</b> , 42, 1116-1124	1.5	2
90	Boosting charge carriers separation and migration efficiency via fabricating all organic van der Waals heterojunction for efficient photoreduction of CO2. <i>Chemical Engineering Journal</i> , <b>2021</b> , 408, 127292	14.7	10
89	CeO2/3D g-C3N4 heterojunction deposited with Pt cocatalyst for enhanced photocatalytic CO2 reduction. <i>Applied Surface Science</i> , <b>2021</b> , 537, 147891	6.7	62
88	Local surface plasma resonance effect enhanced Z-scheme ZnO/Au/g-C3N4 film photocatalyst for reduction of CO2 to CO. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 283, 119638	21.8	63
87	Biomimetic design and synthesis of visible-light-driven g-CN nanotube @polydopamine/NiCo-layered double hydroxides composite photocatalysts for improved photocatalytic hydrogen evolution activity. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 584, 464-473	9.3	21
86	Construction of a CsPbBr3 modified porous g-C3N4 photocatalyst for effective reduction of CO2 and mechanism exploration. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 1082-1091	3.6	4
85	G-C3N4 quantum dots and Au nano particles co-modified CeO2/Fe3O4 micro-flowers photocatalyst for enhanced CO2 photoreduction. <i>Renewable Energy</i> , <b>2021</b> , 179, 756-765	8.1	6
84	Nitrogen defect engineering and $\pi$ -conjugation structure decorated g-C3N4 with highly enhanced visible-light photocatalytic hydrogen evolution and mechanism insight. <i>Chemical Engineering Journal</i> , <b>2021</b> , 425, 131844	14.7	14
83	Sulfur-doped g-C3N4 for efficient photocatalytic CO2 reduction: insights by experiment and first-principles calculations. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 1725-1736	5.5	12
82	Study on optical properties of alkali metal doped g-C3N4 and their photocatalytic activity for reduction of CO2. <i>Chemical Physics Letters</i> , <b>2020</b> , 751, 137467	2.5	31

81	Fabrication of high photocatalytic activity and easy recovery photocatalysts with ZnFe <sub>2</sub> O <sub>4</sub> supported on ultrathin MoS <sub>2</sub> nanosheets. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 8761-8772	2.1	3
80	Enhanced light utilization efficiency and fast charge transfer for excellent CO photoreduction activity by constructing defect structures in carbon nitride. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 578, 574-583	9.3	27
79	Synergy between van der waals heterojunction and vacancy in ZnIn <sub>2</sub> S <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> 2D/2D photocatalysts for enhanced photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 277, 119254	21.8	148
78	Fabricating C and O co-doped carbon nitride with intramolecular donor-acceptor systems for efficient photoreduction of CO <sub>2</sub> to CO. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 268, 118736	21.8	73
77	Z-scheme AgVO <sub>3</sub> /ZnIn <sub>2</sub> S <sub>4</sub> photocatalysts: One Stone and Two Birds strategy to solve photocorrosion and improve the photocatalytic activity and stability. <i>Chemical Engineering Journal</i> , <b>2020</b> , 398, 125523	14.7	49
76	Fabrication of CoFe <sub>2</sub> O <sub>4</sub> -modified and HNTs-supported g-C <sub>3</sub> N <sub>4</sub> heterojunction photocatalysts for enhancing MBT degradation activity under visible light. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 4358-4374	4.3	11
75	A heterojunction photocatalyst constructed by the modification of 2D-CeO <sub>2</sub> on 2D-MoS <sub>2</sub> nanosheets with enhanced degrading activity. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 788-800	5.5	11
74	A 2D mesoporous photocatalyst constructed by the modification of biochar on BiOCl ultrathin nanosheets for enhancing the TC-HCl degradation activity. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 79-86	3.6	16
73	Designed Redox Ions Pairs imprinted photocatalyst of Fe <sup>3+</sup> @PoPD/TiO <sub>2</sub> /HNTs for enhanced photocatalytic activity. <i>Materials Technology</i> , <b>2020</b> , 35, 843-852	2.1	3
72	Synthesis Ce-doped biomass carbon-based g-C <sub>3</sub> N <sub>4</sub> via plant growing guide and temperature-programmed technique for degrading 2-Mercaptobenzothiazole. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 268, 118432	21.8	57
71	Developed a novel quinazolinone based turn-on fluorescence probe for highly selective monitoring hypochlorite and its bioimaging applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 228, 117845	4.4	5
70	Fabrication of a Z-scheme MoS <sub>2</sub> /CuO heterojunction for enhanced 2-mercaptobenzothiazole degradation activity and mechanism insight. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 18264-18273	3.6	5
69	Preparation of noble metal Ag-modified BiVO <sub>4</sub> nanosheets and a study on the degradation performance of tetracyclines. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 13815-13823	3.6	14
68	Construction of the rapid spatial charge migration core/shell heterostructure by ZnIn <sub>2</sub> S <sub>4</sub> nanosheet-surface-loaded Bi <sub>2</sub> O <sub>3</sub> for improved photooxidative performance. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 14211-14228	4.3	4
67	A facile surface modification of a PVDF membrane via CaCO <sub>3</sub> mineralization for efficient oil/water emulsion separation. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 20999-21006	3.6	1
66	Construction of a multi-interfacial-electron transfer scheme for efficient CO <sub>2</sub> photoreduction: a case study using CdIn <sub>2</sub> S <sub>4</sub> micro-flower spheres modified with Au nanoparticles and reduced graphene oxide. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 18707-18714	13	39
65	Nitrogen-doped hydrogenated TiO <sub>2</sub> modified with CdS nanorods with enhanced optical absorption, charge separation and photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , <b>2020</b> , 384, 123275	14.7	134
64	Heterojunction photocatalyst fabricated by deposition Co <sub>3</sub> O <sub>4</sub> nanoparticles on MoS <sub>2</sub> nanosheets with enhancing photocatalytic performance and mechanism insight. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 97, 158-169	5.3	24

63	Construction of the biomass carbon quantum dots modified heterojunction Bi <sub>2</sub> WO <sub>6</sub> /Cu <sub>2</sub> O photocatalysis for enhancing light utilization and mechanism insight. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 102, 197-201	5.3	17
62	Construction of spindle structured CeO <sub>2</sub> modified with rod-like attapulgite as a high-performance photocatalyst for CO <sub>2</sub> reduction. <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 3788-3799	5.5	11
61	Fabricated 2D/2D CdIn <sub>2</sub> S <sub>4</sub> /N-rGO multi-heterostructure photocatalyst for enhanced photocatalytic activity. <i>Carbon</i> , <b>2019</b> , 152, 565-574	10.4	31
60	A novel ratiometric and colorimetric fluorescent probe for hypochlorite based on cyanobiphenyl and its applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 219, 576-581	4.4	11
59	Construction of a novel ternary composite of Co-doped CdSe loaded on biomass carbon spheres as visible light photocatalysts for efficient photocatalytic applications. <i>Dalton Transactions</i> , <b>2019</b> , 48, 6824-6833	4.3	5
58	Carbon dots modifying sphere-flower CdIn <sub>2</sub> S <sub>4</sub> on N-rGO sheet multi-dimensional photocatalyst for efficient visible degradation of 2,4-dichlorophenol. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 99, 142-153	5.3	18
57	Fabricated rGO-modified AgS nanoparticles/g-CN nanosheets photocatalyst for enhancing photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 554, 468-478	9.3	53
56	Ultrathin magnetic Mg-Al LDH photocatalyst for enhanced CO reduction: Fabrication and mechanism. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 1-10	9.3	40
55	Fabrication of magnetic quantum dots modified Z-scheme Bi <sub>2</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> photocatalysts with superior hydroxyl radical productivity for the degradation of rhodamine B. <i>Applied Surface Science</i> , <b>2019</b> , 493, 458-469	6.7	33
54	Z-scheme MoS <sub>2</sub> /Bi <sub>2</sub> O <sub>3</sub> heterojunctions: enhanced photocatalytic degradation performance and mechanistic insight. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 11876-11886	3.6	28
53	Changing conventional blending photocatalytic membranes (BPMs): Focus on improving photocatalytic performance of Fe <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> /PVDF membranes through magnetically induced freezing casting method. <i>Chemical Engineering Journal</i> , <b>2019</b> , 365, 405-414	14.7	119
52	Insight into the effect of co-doped to the photocatalytic performance and electronic structure of g-C <sub>3</sub> N <sub>4</sub> by first principle. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 241, 319-328	21.8	82
51	A novel OFF-ON-OFF fluorescence probe based on coumarin for Al and F detection and bioimaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 211, 299-305	4.4	19
50	Bi-based semiconductors composites of BiVO <sub>4</sub> quantum dots decorated Bi <sub>12</sub> TiO <sub>20</sub> via in-suit growth with ultrasound for enhancing photocatalytic performance. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 785, 460-467	5.7	10
49	Self-induced Fenton reaction constructed by Fe(III) grafted BiVO <sub>4</sub> nanosheets with improved photocatalytic performance and mechanism insight. <i>Applied Surface Science</i> , <b>2019</b> , 467-468, 673-683	6.7	6
48	Studying of Co-doped g-C <sub>3</sub> N <sub>4</sub> and modified with Fe <sub>3</sub> O <sub>4</sub> quantum dots on removing tetracycline. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 775, 248-258	5.7	29
47	La <sub>2</sub> O <sub>3</sub> media enhanced electrons transfer for improved CeVO <sub>4</sub> @halloysite nanotubes photocatalytic activity for removing tetracycline. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 96, 281-298	5.3	25
46	Enhanced Photocatalytic Activity and Selectivity of a Novel Magnetic PW@PEDOT Imprinted Photocatalyst with Good Reproducibility. <i>Nano</i> , <b>2018</b> , 13, 1850020	1.1	5

45	Facile microwave synthesis of a Z-scheme imprinted ZnFe <sub>2</sub> O <sub>4</sub> /Ag/PEDOT with the specific recognition ability towards improving photocatalytic activity and selectivity for tetracycline. <i>Chemical Engineering Journal</i> , <b>2018</b> , 337, 228-241	14.7	187
44	Fabrication of the metal-free biochar-based graphitic carbon nitride for improved 2-Mercaptobenzothiazole degradation activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 358, 284-293	4.7	47
43	Solvothermal-Assisted Synthesis of Biomass Carbon Quantum Dots/Bismuth Oxide for Enhanced Photocatalytic Activity. <i>Nano</i> , <b>2018</b> , 13, 1850031	1.1	9
42	A two step hydrothermal process to prepare carbon spheres from bamboo for construction of core-shell non-metallic photocatalysts. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 6515-6524	3.6	16
41	Fabrication of magnetically recoverable photocatalysts using g-C <sub>3</sub> N <sub>4</sub> for effective separation of charge carriers through like-Z-scheme mechanism with Fe <sub>3</sub> O <sub>4</sub> mediator. <i>Chemical Engineering Journal</i> , <b>2018</b> , 331, 615-625	14.7	141
40	Construction of an attapulgite intercalated mesoporous g-C <sub>3</sub> N <sub>4</sub> with enhanced photocatalytic activity for antibiotic degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 359, 102-110	4.7	36
39	Fabrication of a visible-light In <sub>2</sub> S <sub>3</sub> /BiPO <sub>4</sub> heterojunction with enhanced photocatalytic activity. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 15136-15145	3.6	9
38	Waste Biomass Based-Activated Carbons Derived from Soybean Pods as Electrode Materials for High-Performance Supercapacitors. <i>ChemistrySelect</i> , <b>2018</b> , 3, 5726-5732	1.8	30
37	Enhanced photocatalytic performance and stability of visible-light-driven Z-scheme CdS/Ag/g-C <sub>3</sub> N <sub>4</sub> nanosheets photocatalyst. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 12437-12448	3.6	26
36	Insights into enhanced visible light photocatalytic activity of t-Se nanorods/BiOCl ultrathin nanosheets 1D/2D heterojunctions. <i>Chemical Engineering Journal</i> , <b>2018</b> , 338, 218-229	14.7	56
35	Fabricated Ag/Ag <sub>2</sub> S/reduced graphene oxide composite photocatalysts for enhancing visible light photocatalytic and antibacterial activity. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 57, 125-133	6.3	55
34	Synergetic effect of carbon sphere derived from yeast with magnetism and cobalt oxide nanochains towards improving photodegradation activity for various pollutants. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 220, 137-147	21.8	43
33	Visible-light driven photocatalyst of CdTe/CdS homologous heterojunction on N-rGO photocatalyst for efficient degradation of 2,4-dichlorophenol. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 93, 603-615	5.3	36
32	Fabrication of magnetic g-C <sub>3</sub> N <sub>4</sub> for effectively enhanced tetracycline degradation with RGO as mediator. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 15974-15984	3.6	13
31	Making of a metal-free graphitic carbon nitride composites based on biomass carbon for efficiency enhanced tetracycline degradation activity. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 89, 151-161	5.3	17
30	Enhanced visible-light photocatalytic decomposition of organic dye over CdSe/Al <sub>2</sub> TiO <sub>5</sub> heterojunction photocatalysts. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 712, 486-493	5.7	20
29	Intercalation Effect of Attapulgite in g-C <sub>3</sub> N <sub>4</sub> Modified with Fe <sub>3</sub> O <sub>4</sub> Quantum Dots To Enhance Photocatalytic Activity for Removing 2-Mercaptobenzothiazole under Visible Light. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 10614-10623	8.3	90
28	0D/3D-CdSe/Bi <sub>12</sub> TiO <sub>20</sub> Pyramidal Heterostructure Photocatalysts for Enhanced Visible-Light Photocatalytic Activities. <i>Nano</i> , <b>2017</b> , 12, 1750072	1.1	2

27	Microwave-hydrothermal synthesis of a novel, recyclable and stable photocatalytic nanoreactor for recognition and degradation of tetracycline. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 4092-4104	5.5	37
26	Construction of stable core-shell imprinted Ag-(poly-o-phenylenediamine)/CoFe <sub>2</sub> O <sub>4</sub> photocatalyst endowed with the specific recognition capability for selective photodegradation of ciprofloxacin. <i>RSC Advances</i> , <b>2017</b> , 7, 48894-48903	3.7	36
25	Fast electron transfer and enhanced visible light photocatalytic activity using multi-dimensional components of carbon quantum dots@3D daisy-like In <sub>2</sub> S <sub>3</sub> /single-wall carbon nanotubes. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 204, 224-238	21.8	107
24	Construction of high-dispersed Ag/Fe <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> photocatalyst by selective photo-deposition and improved photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 182, 115-122	21.8	307
23	Specific oriented recognition of a new stable ICTX@Mfa with retrievability for selective photocatalytic degrading of ciprofloxacin. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 1367-1377	5.5	76
22	Enhanced photocatalytic activity of a double conductive C/Fe <sub>3</sub> O <sub>4</sub> /Bi <sub>2</sub> O <sub>3</sub> composite photocatalyst based on biomass. <i>Chemical Engineering Journal</i> , <b>2016</b> , 304, 351-361	14.7	62
21	Facile synthesis of highly efficient graphitic-C <sub>3</sub> N <sub>4</sub> /ZnFe <sub>2</sub> O <sub>4</sub> heterostructures enhanced visible-light photocatalysis for spiramycin degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2016</b> , 328, 24-32	4.7	42
20	A novel hollow capsule-like recyclable functional ZnO/C/Fe <sub>3</sub> O <sub>4</sub> endowed with three-dimensional oriented recognition ability for selectively photodegrading danofloxacin mesylate. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 6513-6524	5.5	61
19	Fabrication of conductive and high-dispersed Ppy@Ag/g-C <sub>3</sub> N <sub>4</sub> composite photocatalysts for removing various pollutants in water. <i>Applied Surface Science</i> , <b>2016</b> , 387, 366-374	6.7	89
18	Well-dispersed nebula-like ZnO/CeO <sub>2</sub> @HNTs heterostructure for efficient photocatalytic degradation of tetracycline. <i>Chemical Engineering Journal</i> , <b>2016</b> , 304, 917-933	14.7	99
17	Enhanced selective photocatalytic properties of a novel magnetic retrievable imprinted ZnFe <sub>2</sub> O <sub>4</sub> /PPy composite with specific recognition ability. <i>RSC Advances</i> , <b>2016</b> , 6, 51877-51887	3.7	18
16	Synthesis of stable core-shell structured TiO <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> based on carbon derived from yeast with an enhanced photocatalytic ability. <i>RSC Advances</i> , <b>2016</b> , 6, 46889-46899	3.7	11
15	One-step hydrothermal synthesis of cobalt and potassium codoped CdSe quantum dots with high visible light photocatalytic activity. <i>CrystEngComm</i> , <b>2015</b> , 17, 1701-1709	3.3	24
14	Surface imprinting of a g-C <sub>3</sub> N <sub>4</sub> photocatalyst for enhanced photocatalytic activity and selectivity towards photodegradation of 2-mercaptobenzothiazole. <i>RSC Advances</i> , <b>2015</b> , 5, 40726-40736	3.7	49
13	Preparation and characterization of Ag <sub>2</sub> O/SWNTs photocatalysts and its photodegradation on tetracycline. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 30, 64-70	6.3	40
12	Enhanced visible light photocatalytic activity of alkaline earth metal ions-doped CdSe/rGO photocatalysts synthesized by hydrothermal method. <i>Applied Catalysis B: Environmental</i> , <b>2015</b> , 172-173, 174-184	21.8	105
11	Enhanced photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> /ZnO/HNT composite heterostructure photocatalysts for degradation of tetracycline under visible light irradiation. <i>RSC Advances</i> , <b>2015</b> , 5, 91177-91189	3.7	70
10	Enhanced Recyclability, Stability, and Selectivity of CdS/C@Fe <sub>3</sub> O <sub>4</sub> Nanoreactors for Orientation Photodegradation of Ciprofloxacin. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 18528-33	4.8	92

9	Transfer Charge and Energy of Ag@CdSe QDs-rGO Core-Shell Plasmonic Photocatalyst for Enhanced Visible Light Photocatalytic Activity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 28231-43 <sup>9.5</sup>	70
8	A novel CdS photocatalyst based on magnetic fly ash cenospheres as the carrier: performance and mechanism. <i>RSC Advances</i> , <b>2014</b> , 4, 60148-60157	3.7 7
7	Microwave synthesis of a novel magnetic imprinted TiO <sub>2</sub> photocatalyst with excellent transparency for selective photodegradation of enrofloxacin hydrochloride residues solution. <i>Chemical Engineering Journal</i> , <b>2014</b> , 249, 15-26	14.7 186
6	Performance of a novel TiO <sub>2</sub> photocatalyst based on the magnetic floating fly-ash cenospheres for the purpose of treating waste by waste. <i>Chemical Engineering Journal</i> , <b>2013</b> , 225, 34-42	14.7 53
5	Hydrothermal Synthesis of CdSe Quantum Dots and Their Photocatalytic Activity on Degradation of Cefalexin. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 15015-15023	3.9 39
4	Preparation and performance of a novel magnetic conductive imprinted photocatalyst for selective photodegradation of antibiotic solution. <i>RSC Advances</i> , <b>2013</b> , 3, 18373	3.7 38
3	Preparation high photocatalytic activity of CdS/halloysite nanotubes (HNTs) nanocomposites with hydrothermal method. <i>Applied Surface Science</i> , <b>2012</b> , 259, 698-704	6.7 49
2	Construction of Carbon Nitride Based Intramolecular D <sub>2</sub> System for Effective Photocatalytic Reduction of CO <sub>2</sub> . <i>Catalysis Letters</i> , 1	2.8 1
1	Biochar modified CoAl LDH for enhancing photocatalytic reduction CO <sub>2</sub> performance and mechanism insight. <i>Research on Chemical Intermediates</i> , 1	2.8 0