

Dongyun, Chen

List of Publications by Year in descending order

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12,732
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21215

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all docs

229
docs citations

229
times ranked

15351
citing authors

#	ARTICLE	IF	CITATIONS
1	Pt-Co nanoparticles supported on hollow multi-shelled CeO ₂ as a catalyst for highly efficient toluene oxidation: Morphology control and the role of bimetal synergism. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 48-59.	5.0	9
2	Efficient removal of Bisphenol A in water via piezocatalytic degradation by equivalent-vanadium-doped SrTiO ₃ nanofibers. <i>Chemical Engineering Science</i> , 2022, 247, 116707.	1.9	36
3	A mini-review on ZnIn ₂ S ₄ -Based photocatalysts for energy and environmental application. <i>Green Energy and Environment</i> , 2022, 7, 176-204.	4.7	86
4	Fabrication of an FAPbBr ₃ /g-C ₃ N ₄ heterojunction to enhance NO removal efficiency under visible-light irradiation. <i>Chemical Engineering Journal</i> , 2022, 430, 132968.	6.6	21
5	Mil-53(Fe)-loaded polyacrylonitrile membrane with superamphiphilicity and double hydrophobicity for effective emulsion separation and photocatalytic dye degradation. <i>Separation and Purification Technology</i> , 2022, 282, 119910.	3.9	37
6	Bi ₂ WO ₆ quantum dots with oxygen vacancies combined with g-C ₃ N ₄ for NO removal. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 447-455.	5.0	12
7	Novel calixarene-based porous organic polymers with superfast removal rate and ultrahigh adsorption capacity for selective separation of cationic dyes. <i>Chemical Engineering Journal</i> , 2022, 433, 134442.	6.6	43
8	Hydrophilic porous PVDF membrane embedded with BaTiO ₃ featuring controlled oxygen vacancies for piezocatalytic water cleaning. <i>Nano Energy</i> , 2022, 94, 106930.	8.2	74
9	Preparation of a Bi ₁₂ O ₁₅ Cl ₆ @W ₁₈ O ₄₉ /g-C ₃ N ₄ /PDI heterojunction with dual charge transfer paths and its photocatalytic performance for phenolic pollutants. <i>Separation and Purification Technology</i> , 2022, 287, 120539.	3.9	12
10	Elucidating the Characteristics of Palladium-Anchored CeO ₂ -Modified Hexagonal Nanosheet Co ₃ O ₄ Catalysts for the Complete Oxidation of Volatile Organic Compounds. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 7537-7546.	1.8	6
11	High-Performance and Stable Two-Dimensional MXene-Polyethyleneimine Composite Lamellar Membranes for Molecular Separation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 10237-10245.	4.0	26
12	Enhancing the Photodegradation Property of NO through the Construction of a SrTiO ₃ /GQDs/NH ₂ -UiO-66 Heterojunction. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 3550-3560.	1.8	6
13	Heterostructured BiFeO ₃ @CdS nanofibers with enhanced piezoelectric response for efficient piezocatalytic degradation of organic pollutants. <i>Separation and Purification Technology</i> , 2022, 290, 120861.	3.9	44
14	NiCo Alloy Nanoparticles on a N/C Dual-Element-Doped Matrix as a Cathode Catalyst for Improved Microbial Fuel Cell Performance. <i>Small</i> , 2022, 18, e2106355.	5.2	14
15	Ultrathin Two-Dimensional BiOCl with Oxygen Vacancies Anchored in Three-Dimensional Porous g-C ₃ N ₄ to Construct a Hierarchical Z-Scheme Heterojunction for the Photocatalytic Degradation of NO. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 317-329.	1.8	10
16	Tin-anchored Ti ₃ C ₂ quantum dots with high conductivity for efficient photocatalytic reduction. <i>Environmental Science: Nano</i> , 2022, 9, 2417-2426.	2.2	2
17	Cu, Co embedded N-enriched mesoporous carbon cathode catalyst for the efficient bioelectrochemical removal of phenanthrene in microbial fuel cell. <i>Applied Surface Science</i> , 2022, 599, 153759.	3.1	2
18	Metal-organic frameworks-derived manganese trioxide with uniformly loaded ultrasmall platinum nanoparticles boosting benzene combustion. <i>Science of the Total Environment</i> , 2022, 839, 156345.	3.9	7

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19	Oxygen vacancy-induced hydroxyl dipole reorientation in hydroxyapatite for enhanced piezocatalytic activity. <i>Nano Energy</i> , 2022, 100, 107473.	8.2	28
20	NH ₂ -MIL-125(Ti) modified graphitic carbon nitride with carbon vacancy for efficient photocatalytic NO removal. <i>Chemosphere</i> , 2022, 307, 135660.	4.2	9
21	Efficient piezocatalytic effect of Sr _x Ba _{1-x} TiO ₃ solid solution nanocubes with inhomogeneous lattice strain for bisphenol A degradation. <i>Chemical Engineering Science</i> , 2022, 260, 117855.	1.9	6
22	Boosting photocatalytic activity for porphyrin-based D-A conjugated polymers via dual metallic sites regulation. <i>Applied Catalysis B: Environmental</i> , 2022, 317, 121724.	10.8	16
23	AIE-based fluorescent sensors for low concentration toxic ion detection in water. <i>Journal of Hazardous Materials</i> , 2021, 403, 123656.	6.5	72
24	Z-Scheme 2D/2D g-C ₃ N ₄ /g-C ₃ N ₄ heterojunction for photocatalytic oxidation of nitric oxide. <i>Applied Catalysis B: Environmental</i> , 2021, 280, 119409.	10.8	239
25	A visible-light active p-n heterojunction NiFe-LDH/Co ₃ O ₄ supported on Ni foam as photoanode for photoelectrocatalytic removal of contaminants. <i>Journal of Hazardous Materials</i> , 2021, 402, 123515.	6.5	53
26	A π-π stacking perylene imide/Bi ₂ WO ₆ hybrid with dual transfer approach for enhanced photocatalytic degradation. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 1021-1032.	5.0	18
27	Noble-metal-free ultrathin MXene coupled with In ₂ S ₃ nanoflakes for ultrafast photocatalytic reduction of hexavalent chromium. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119754.	10.8	76
28	Pt/MnO ₂ Nanoflowers Anchored to Boron Nitride Aerogels for Highly Efficient Enrichment and Catalytic Oxidation of Formaldehyde at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6377-6381.	7.2	72
29	One-step fabrication of bimetallic CuCoOS as an efficient catalyst for Cr(VI) reduction. <i>Environmental Science: Nano</i> , 2021, 8, 2453-2463.	2.2	3
30	Enhanced Photocatalytic Oxidation of Nitric Oxide to MOF-derived Hollow Bimetallic Oxide Microcubes Supported on g-C ₃ N ₄ Nanosheets via π-n Heterojunction. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 2921-2930.	1.8	13
31	Ultrasensitive humidity sensing using one-dimensional π-d conjugated coordination polymers for breath monitoring. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129353.	4.0	17
32	Flower-like Pt/Fe ₂ O ₃ @CeO ₂ Catalysts for Highly Efficient Low-Temperature Catalytic Oxidation of Toluene. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 5471-5481.	1.8	16
33	All-solid-state WO ₃ /TQDs/In ₂ S ₃ Z-scheme heterojunctions bridged by Ti ₃ C ₂ quantum dots for efficient removal of hexavalent chromium and bisphenol A. <i>Journal of Hazardous Materials</i> , 2021, 409, 125027.	6.5	56
34	In situ assembly of a covalent organic framework composite membrane for dye separation. <i>Journal of Membrane Science</i> , 2021, 628, 119216.	4.1	41
35	Efficient piezocatalytic removal of BPA and Cr(VI) with SnS ₂ /CNFs membrane by harvesting vibration energy. <i>Nano Energy</i> , 2021, 86, 106036.	8.2	74
36	Three-Dimensional g-C ₃ N ₄ /NH ₂ -UiO-66 graphitic aerogel hybrids with recyclable property for enhanced photocatalytic elimination of nitric oxide. <i>Chemical Engineering Journal</i> , 2021, 418, 129117.	6.6	36

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37	Metalloporphyrin-based D-A type conjugated organic polymer nanotube for efficient photocatalytic degradation. <i>Applied Catalysis B: Environmental</i> , 2021, 291, 120108.	10.8	72
38	Highly efficient Pd catalysts loaded on La ³⁺ /Sr MnO ₃ perovskite nanotube support for low-temperature toluene oxidation. <i>Journal of Alloys and Compounds</i> , 2021, 871, 159575.	2.8	16
39	Selective separation of oil-in-water emulsion with high efficiency by bio-inspired Janus membrane. <i>Science China Technological Sciences</i> , 2021, 64, 2211-2219.	2.0	5
40	Low Temperature Combustion of VOCs with Enhanced Catalytic Activity Over MnO ₂ Nanotubes Loaded with Pt and Ni-Fe Spinel. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 46830-46839.	4.0	20
41	3D hollow MXene@ZnIn ₂ S ₄ heterojunction with rich zinc vacancies for highly efficient visible-light photocatalytic reduction. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 398-408.	5.0	37
42	Construction of a ternary Z-scheme In ₂ S ₃ @Au@P3HT photocatalyst for the degradation of phenolic pollutants under visible light. <i>Separation and Purification Technology</i> , 2021, 272, 118787.	3.9	30
43	High-performance anode material based on S and N co-doped graphene/iron carbide nanocomposite for microbial fuel cells. <i>Journal of Power Sources</i> , 2021, 512, 230482.	4.0	32
44	Polymer of intrinsic microporosity coated on a metal-organic framework composite membrane for highly efficient dye separation. <i>Journal of Membrane Science</i> , 2021, 637, 119619.	4.1	21
45	The ultrasonic-induced-piezoelectric enhanced photocatalytic performance of ZnO/CdS nanofibers for degradation of bisphenol A. <i>Journal of Alloys and Compounds</i> , 2021, 885, 160987.	2.8	37
46	Enhanced piezocatalysis of polymorphic few-layered MoS ₂ nanosheets by phase engineering. <i>Nano Energy</i> , 2021, 90, 106527.	8.2	52
47	Construction of ultra-thin 2D CN-Br _{0.12} /2%RhOx photo-catalyst with rapid electron and hole separation for efficient bisphenol A degradation. <i>Applied Catalysis B: Environmental</i> , 2021, 299, 120623.	10.8	33
48	Preparation of new triptycene- and pentaptycene-based crosslinked polymers and their adsorption behavior towards aqueous dyes and phenolic organic pollutants. <i>Separation and Purification Technology</i> , 2021, 278, 119495.	3.9	18
49	Construction of hollow In ₂ S ₃ /CdIn ₂ S ₄ heterostructures with high efficiency for Cr(VI) reduction. <i>Environmental Science: Nano</i> , 2021, 8, 1389-1397.	2.2	12
50	Prussian Blue Analogue/FeCoNi-Layered Double Hydroxide Nanorod Arrays on Nickel Foam for Urea Electrolysis. <i>ACS Applied Nano Materials</i> , 2021, 4, 12407-12414.	2.4	7
51	Improvement of the performance of ITO/a-SiO _x /n-Si device by controllable sputtering power and reducible interface states. <i>Materials Science in Semiconductor Processing</i> , 2020, 105, 104702.	1.9	2
52	Removal of phenol from aqueous solution using acid-modified <i>Pseudomonas putida</i> -sepiolite/ZIF-8 bio-nanocomposites. <i>Chemosphere</i> , 2020, 239, 124708.	4.2	33
53	Hierarchical Z-scheme g-C ₃ N ₄ /Au/ZnIn ₂ S ₄ photocatalyst for highly enhanced visible-light photocatalytic nitric oxide removal and carbon dioxide conversion. <i>Environmental Science: Nano</i> , 2020, 7, 676-687.	2.2	79
54	Controlled fabrication of mesoporous ZSM-5 zeolite-supported PdCu alloy nanoparticles for complete oxidation of toluene. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118560.	10.8	51

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55	Surface Engineering of C_3N_4 by Stacked BiOBr Sheets Rich in Oxygen Vacancies for Boosting Photocatalytic Performance. <i>Angewandte Chemie</i> , 2020, 132, 4549-4554.	1.6	27
56	Surface Engineering of C_3N_4 by Stacked BiOBr Sheets Rich in Oxygen Vacancies for Boosting Photocatalytic Performance. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4519-4524.	7.2	271
57	Superamphiphilic and underwater superoleophobic membrane for oil/water emulsion separation and organic dye degradation. <i>Journal of Membrane Science</i> , 2020, 598, 117804.	4.1	78
58	An ion-in-conjugation polymer enables the detection of NO_2 with parts-per-trillion sensitivity and ultrahigh selectivity. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1052-1058.	5.2	23
59	Lead-free perovskite MASnBr_3 -based memristor for quaternary information storage. <i>Informa A^2 Mater</i> , 2020, 2, 743-751.	8.5	58
60	Visible-light-driven amino acids production from biomass-based feedstocks over ultrathin CdS nanosheets. <i>Nature Communications</i> , 2020, 11, 4899.	5.8	124
61	Hollow SnO_2 nanotubes decorated with ZnIn_2S_4 nanosheets for enhanced visible-light photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2020, 843, 155772.	2.8	31
62	Nanocage-shaped $\text{Co}_3\text{O}_4/\text{ZrO}_2$ Solution Supports Loaded with Pt Nanoparticles as Effective Catalysts for the Enhancement of Toluene Oxidation. <i>Small</i> , 2020, 16, e2005715.	5.2	10
63	Polycrystalline zirconium metal-organic framework membranes supported on flexible carbon cloth for organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2020, 615, 118551.	4.1	31
64	All-inorganic Ionic Polymer-based Memristor for High Performance and Flexible Artificial Synapse. <i>Advanced Functional Materials</i> , 2020, 30, 2004245.	7.8	36
65	Modified-MOF-808-Loaded Polyacrylonitrile Membrane for Highly Efficient, Simultaneous Emulsion Separation and Heavy Metal Ion Removal. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39227-39235.	4.0	109
66	Polymer-Coated Fe_2O_3 Nanoparticles for Photocatalytic Degradation of Organic Materials and Antibiotics in Water. <i>ACS Applied Nano Materials</i> , 2020, 3, 9200-9208.	2.4	43
67	Direct Dual Z-Scheme $\text{Bi}_2\text{WO}_6/\text{GQDs}/\text{WO}_3$ Inverse Opals for Enhanced Photocatalytic Activities under Visible Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7921-7927.	3.2	55
68	Polysquaramides: Rapid and stable humidity sensing for breath monitoring and morse code communication. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128390.	4.0	26
69	A Self-Cleaning Heterostructured Membrane for Efficient Oil-in-Water Emulsion Separation with Stable Flux. <i>Advanced Materials</i> , 2020, 32, e2001265.	11.1	144
70	Hierarchical core-shell heterostructures of ZnIn_2S_4 nanosheets on electrospun In_2O_3 nanofibers with highly enhanced photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2020, 398, 122889.	6.5	79
71	Conjugated zwitterion-inspired flexible ternary resistive memory from rhodamine dyes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7658-7662.	2.7	13
72	Z-scheme photocatalytic NO removal on a 2D/2D iodine doped $\text{BiOI}/\text{g-C}_3\text{N}_4$ under visible-light irradiation. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 426-434.	5.0	39

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73	Conjugate Polymer-clothed TiO ₂ @V ₂ O ₅ nanobelts and their enhanced visible light photocatalytic performance in water remediation. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 402-411.	5.0	42
74	p-n Heterojunction of BiOI/ZnO nanorod arrays for piezo-photocatalytic degradation of bisphenol A in water. <i>Journal of Hazardous Materials</i> , 2020, 399, 123109.	6.5	147
75	Rh-Doped SrTiO ₃ inverse opal with piezoelectric effect for enhanced visible-light-driven photodegradation of bisphenol A. <i>Environmental Science: Nano</i> , 2020, 7, 2267-2277.	2.2	25
76	Efficient reduction of Cr(VI) by a BMO/Bi ₂ S ₃ heterojunction via synergistic adsorption and photocatalysis under visible light. <i>Journal of Hazardous Materials</i> , 2020, 400, 123243.	6.5	81
77	Construction of Pd-Modified NiCoO _x Hollow Nanospheres with Surface Hydroxyls and Oxygen Vacancies for Highly Enhanced Catalytic Toluene Oxidation Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 10581-10587.	3.2	25
78	Highly Efficient Catalysts of Bimetallic Pt@Ru Nanocrystals Supported on Ordered ZrO ₂ Nanotube for Toluene Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13781-13789.	4.0	39
79	Facile fabrication of ZnO/MoS ₂ p-n junctions on Ni foam for efficient degradation of organic pollutants through photoelectrocatalytic process. <i>Solar Energy</i> , 2020, 199, 164-172.	2.9	50
80	Construction of Hierarchical Hollow Co ₉ S ₈ /ZnIn ₂ S ₄ Tubular Heterostructures for Highly Efficient Solar Energy Conversion and Environmental Remediation. <i>Angewandte Chemie</i> , 2020, 132, 8332-8338.	1.6	53
81	Construction of Hierarchical Hollow Co ₉ S ₈ /ZnIn ₂ S ₄ Tubular Heterostructures for Highly Efficient Solar Energy Conversion and Environmental Remediation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8255-8261.	7.2	233
82	ZnIn ₂ S ₄ grown on nitrogen-doped hollow carbon spheres: An advanced catalyst for Cr(VI) reduction. <i>Journal of Hazardous Materials</i> , 2020, 391, 122205.	6.5	62
83	Preparation of aryl polysulfonates via a highly efficient SuFEx click reaction, their controllable degradation and functionalized behavior. <i>Polymer Chemistry</i> , 2020, 11, 3120-3124.	1.9	17
84	Thermoelectric properties of layered ternary telluride $\text{Nb}_{1-x}\text{Sb}_x\text{Te}_2$. <i>Physical Review Materials</i> , 2020, 4, .		
85	3D Gold-Modified Cerium and Cobalt Oxide Catalyst on a Graphene Aerogel for Highly Efficient Catalytic Formaldehyde Oxidation. <i>Small</i> , 2019, 15, e1804415.	5.2	34
86	Eye-Readable Detection and Oxidation of CO with a Platinum-Based Catalyst and a Binuclear Rhodium Complex. <i>Angewandte Chemie</i> , 2019, 131, 12386-12391.	1.6	5
87	Self-Healing Graphene-Reinforced Composite for Highly Efficient Oil/Water Separation. <i>Langmuir</i> , 2019, 35, 13950-13957.	1.6	9
88	Platinum-Supported Zirconia Nanotube Arrays Supported on Graphene Aerogels Modified with Metal-Organic Frameworks: Adsorption and Oxidation of Formaldehyde at Room Temperature. <i>Chemistry - A European Journal</i> , 2019, 25, 16718-16724.	1.7	12
89	Hollow In ₂ O ₃ @ZnFe ₂ O ₄ heterojunctions for highly efficient photocatalytic degradation of tetracycline under visible light. <i>Environmental Science: Nano</i> , 2019, 6, 3123-3132.	2.2	50
90	Durable and Robust Self-Healing Superhydrophobic Co-PDMS@ZIF-8-Coated MWCNT Films for Extremely Efficient Emulsion Separation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38313-38320.	4.0	51

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91	Engineering black phosphorus to porous g-C ₃ N ₄ -metal-organic framework membrane: a platform for highly boosting photocatalytic performance. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4408-4414.	5.2	79
92	Ternary photocatalyst of atomic-scale Pt coupled with MoS ₂ co-loaded on TiO ₂ surface for highly efficient degradation of gaseous toluene. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117877.	10.8	56
93	Fabrication of visible-light-active ZnO/ZnFe-LDH heterojunction on Ni foam for pollutants removal with enhanced photoelectrocatalytic performance. <i>Solar Energy</i> , 2019, 188, 593-602.	2.9	44
94	Water-soluble metal nanoclusters: recent advances in molecular-level exploration and biomedical applications. <i>Dalton Transactions</i> , 2019, 48, 10385-10392.	1.6	30
95	Durable and Stable MnMoO ₄ -Coated Copper Mesh for Highly Efficient Oil-in-Water Emulsion Separation and Photodegradation of Organic Contaminants. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23789-23797.	4.0	48
96	ZIF-67 ^a -Derived 3D Hollow Mesoporous Crystalline Co ₃ O ₄ Wrapped by 2D g-C ₃ N ₄ Nanosheets for Photocatalytic Removal of Nitric Oxide. <i>Small</i> , 2019, 15, e1902291.	5.2	93
97	Eye-Readable Detection and Oxidation of CO with a Platinum-Based Catalyst and a Binuclear Rhodium Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12258-12263.	7.2	13
98	An Efficient Photocatalyst Based on Black TiO ₂ Nanoparticles and Porous Carbon with High Surface Area: Degradation of Antibiotics and Organic Pollutants in Water. <i>ChemPlusChem</i> , 2019, 84, 474-480.	1.3	9
99	Fabrication of Bi ₂ MoO ₆ /ZnO hierarchical heterostructures with enhanced visible-light photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2019, 250, 313-324.	10.8	353
100	One-step in-situ preparation of N-doped TiO ₂ @C derived from Ti ₃ C ₂ MXene for enhanced visible-light driven photodegradation. <i>Applied Catalysis B: Environmental</i> , 2019, 251, 154-161.	10.8	280
101	Construction of g-C ₃ N ₄ /PDI@MOF heterojunctions for the highly efficient visible light-driven degradation of pharmaceutical and phenolic micropollutants. <i>Applied Catalysis B: Environmental</i> , 2019, 250, 150-162.	10.8	293
102	One-step synthesis of Er ³⁺ -doped BiO _{1.5} Cl _{0.5} supported on Ni foam with enhanced photocatalytic degradation under visible light. <i>Solar Energy</i> , 2019, 182, 420-428.	2.9	20
103	Robust and durable self-healing superhydrophobic polymer-coated MWCNT film for highly efficient emulsion separation. <i>Environmental Science: Nano</i> , 2019, 6, 1259-1266.	2.2	29
104	Enhancement of organic pollutants bio-decontamination from aqueous solution using newly-designed <i>Pseudomonas putida</i> -GA/MIL-100(Fe) bio-nanocomposites. <i>Environmental Research</i> , 2019, 173, 237-245.	3.7	14
105	Terminal amino monomethylation-triggered intermolecular H- to J-aggregations to realize tunable memory devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4863-4869.	2.7	12
106	Superhydrophobic Metal-Organic Framework Membrane with Self-Repairing for High-Efficiency Oil/Water Emulsion Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2709-2717.	3.2	64
107	Scheme 2D/2D Heterojunction of Black Phosphorus/Monolayer Bi ₂ WO ₆ Nanosheets with Enhanced Photocatalytic Activities. <i>Angewandte Chemie</i> , 2019, 131, 2095-2099.	1.6	58
108	Scheme 2D/2D Heterojunction of Black Phosphorus/Monolayer Bi ₂ WO ₆ Nanosheets with Enhanced Photocatalytic Activities. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2073-2077.	7.2	445

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109	Electronic structure of molybdenum-involved amorphous silica buffer layer in MoOx/n-Si heterojunction. <i>Applied Surface Science</i> , 2019, 473, 20-24.	3.1	6
110	Hollow Mesoporous Co ₃ O ₄ @CeO ₂ Composite Nanotubes with Open Ends for Efficient Catalytic CO Oxidation. <i>ChemSusChem</i> , 2019, 12, 1084-1090.	3.6	32
111	Integration of 3D macroscopic graphene aerogel with 0D-2D AgVO ₃ -g-C ₃ N ₄ heterojunction for highly efficient photocatalytic oxidation of nitric oxide. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 576-584.	10.8	60
112	Morphology-controlled fabrication of CNT@MoS ₂ /SnS ₂ nanotubes for promoting photocatalytic reduction of aqueous Cr(VI) under visible light. <i>Journal of Alloys and Compounds</i> , 2019, 784, 282-292.	2.8	40
113	Self-healing and superwettable nanofibrous membranes for efficient separation of oil-in-water emulsions. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1629-1637.	5.2	42
114	Zeolitic Imidazolate Framework Derived Au@ZnO for Efficient and Robust Photocatalytic Degradation of Tetracycline. <i>Chinese Journal of Chemistry</i> , 2019, 37, 148-154.	2.6	21
115	TiO ₂ /sulfonated graphene oxide/Ag nanoparticle membrane: In situ separation and photodegradation of oil/water emulsions. <i>Journal of Membrane Science</i> , 2018, 554, 16-25.	4.1	82
116	Engineering 3D Ru/Graphene Aerogel Using Metal-Organic Frameworks: Capture and Highly Efficient Catalytic CO Oxidation at Room Temperature. <i>Small</i> , 2018, 14, e1800343.	5.2	34
117	3D Aerogel of Graphitic Carbon Nitride Modified with Perylene Imide and Graphene Oxide for Highly Efficient Nitric Oxide Removal under Visible Light. <i>Small</i> , 2018, 14, e1800416.	5.2	75
118	AgBr-loaded hollow porous carbon nitride with ultrahigh activity as visible light photocatalysts for water remediation. <i>Applied Catalysis B: Environmental</i> , 2018, 229, 155-162.	10.8	40
119	N-Doped and CdSe-Sensitized 3D-Ordered TiO ₂ Inverse Opal Films for Synergistically Enhanced Photocatalytic Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4000-4007.	3.2	36
120	Highly efficient polymerization via sulfur(vi)-fluoride exchange (SuFEx): novel polysulfates bearing a pyrazoline-naphthylamide conjugated moiety and their electrical memory performance. <i>Polymer Chemistry</i> , 2018, 9, 1040-1044.	1.9	20
121	Role of nuclei in controllable MoS ₂ growth by modified chemical vapor deposition. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7425-7434.	1.1	2
122	Recyclable Carbon Nanofibers@Hierarchical I-Doped Bi ₂ O ₂ CO ₃ @MoS ₂ Membranes for Highly Efficient Water Remediation under Visible-Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2676-2683.	3.2	29
123	SnS ₂ /SnO ₂ heterostructured nanosheet arrays grown on carbon cloth for efficient photocatalytic reduction of Cr(VI). <i>Journal of Colloid and Interface Science</i> , 2018, 514, 306-315.	5.0	73
124	Fabrication of graphitic-C ₃ N ₄ quantum dots/graphene-InVO ₄ aerogel hybrids with enhanced photocatalytic NO removal under visible-light irradiation. <i>Applied Catalysis B: Environmental</i> , 2018, 236, 45-52.	10.8	97
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