

Yongsheng Yan

List of Publications by Year in descending order

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265
papers

12,267
citations

25014

57
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89
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265
all docs

265
docs citations

265
times ranked

9107
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of high-dispersed Ag/Fe ₃ O ₄ /g-C ₃ N ₄ photocatalyst by selective photo-deposition and improved photocatalytic activity. Applied Catalysis B: Environmental, 2016, 182, 115-122.	10.8	370
2	Synergy between van der waals heterojunction and vacancy in ZnIn ₂ S ₄ /g-C ₃ N ₄ 2D/2D photocatalysts for enhanced photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2020, 277, 119254.	10.8	316
3	Photo-Fenton self-cleaning membranes with robust flux recovery for an efficient oil/water emulsion separation. Journal of Materials Chemistry A, 2019, 7, 8491-8502.	5.2	232
4	Microwave synthesis of a novel magnetic imprinted TiO ₂ photocatalyst with excellent transparency for selective photodegradation of enrofloxacin hydrochloride residues solution. Chemical Engineering Journal, 2014, 249, 15-26.	6.6	210
5	Fabrication of magnetically recoverable photocatalysts using g-C ₃ N ₄ for effective separation of charge carriers through like-Z-scheme mechanism with Fe ₃ O ₄ mediator. Chemical Engineering Journal, 2018, 331, 615-625.	6.6	180
6	Bio-inspired fabrication of superhydrophilic nanocomposite membrane based on surface modification of SiO ₂ anchored by polydopamine towards effective oil-water emulsions separation. Separation and Purification Technology, 2019, 209, 434-442.	3.9	180
7	Nitrogen-doped hydrogenated TiO ₂ modified with CdS nanorods with enhanced optical absorption, charge separation and photocatalytic hydrogen evolution. Chemical Engineering Journal, 2020, 384, 123275.	6.6	178
8	Graphene oxide/Fe(III)-based metal-organic framework membrane for enhanced water purification based on synergistic separation and photo-Fenton processes. Applied Catalysis B: Environmental, 2020, 264, 118548.	10.8	162
9	Facile preparation of grass-like structured NiCo-LDH/PVDF composite membrane for efficient oil-water emulsion separation. Journal of Membrane Science, 2019, 573, 226-233.	4.1	157
10	Photo-Fenton self-cleaning PVDF/NH ₂ -MIL-88B(Fe) membranes towards highly-efficient oil/water emulsion separation. Journal of Membrane Science, 2020, 595, 117499.	4.1	157
11	CeO ₂ /3D g-C ₃ N ₄ heterojunction deposited with Pt cocatalyst for enhanced photocatalytic CO ₂ reduction. Applied Surface Science, 2021, 537, 147891.	3.1	147
12	Well-dispersed nebula-like ZnO/CeO ₂ @HNTs heterostructure for efficient photocatalytic degradation of tetracycline. Chemical Engineering Journal, 2016, 304, 917-933.	6.6	142
13	Fast electron transfer and enhanced visible light photocatalytic activity using multi-dimensional components of carbon quantum dots@3D daisy-like In ₂ S ₃ /single-wall carbon nanotubes. Applied Catalysis B: Environmental, 2017, 204, 224-238.	10.8	137
14	Ultrahigh adsorption of typical antibiotics onto novel hierarchical porous carbons derived from renewable lignin via halloysite nanotubes-template and in-situ activation. Chemical Engineering Journal, 2016, 304, 609-620.	6.6	130
15	Fabricating C and O co-doped carbon nitride with intramolecular donor-acceptor systems for efficient photoreduction of CO ₂ to CO. Applied Catalysis B: Environmental, 2020, 268, 118736.	10.8	130
16	Enhanced visible light photocatalytic activity of alkaline earth metal ions-doped CdSe/rGO photocatalysts synthesized by hydrothermal method. Applied Catalysis B: Environmental, 2015, 172-173, 174-184.	10.8	123
17	Insight into the effect of co-doped to the photocatalytic performance and electronic structure of g-C ₃ N ₄ by first principle. Applied Catalysis B: Environmental, 2019, 241, 319-328.	10.8	122
18	Bioinspired Synthesis of Photocatalytic Nanocomposite Membranes Based on Synergy of Au-TiO ₂ and Polydopamine for Degradation of Tetracycline under Visible Light. ACS Applied Materials & Interfaces, 2017, 9, 23687-23697.	4.0	120

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19	An overview on membrane strategies for rare earths extraction and separation. Separation and Purification Technology, 2018, 197, 70-85.	3.9	115
20	Robust Nacrelike Graphene Oxide-Calcium Carbonate Hybrid Mesh with Underwater Superoleophobic Property for Highly Efficient Oil/Water Separation. ACS Applied Materials & Interfaces, 2020, 12, 4482-4493.	4.0	110
21	Intercalation Effect of Attapulgite in g-C ₃ N ₄ Modified with Fe ₃ O ₄ Quantum Dots To Enhance Photocatalytic Activity for Removing 2-Mercaptobenzothiazole under Visible Light. ACS Sustainable Chemistry and Engineering, 2017, 5, 10614-10623.	3.2	109
22	Fabrication of conductive and high-dispersed Ppy@Ag/g-C ₃ N ₄ composite photocatalysts for removing various pollutants in water. Applied Surface Science, 2016, 387, 366-374.	3.1	106
23	Z-scheme AgVO ₃ /ZnIn ₂ S ₄ photocatalysts: "One Stone and Two Birds" strategy to solve photocorrosion and improve the photocatalytic activity and stability. Chemical Engineering Journal, 2020, 398, 125523.	6.6	106
24	3D macroscopic superhydrophobic magnetic porous carbon aerogel converted from biorenewable popcorn for selective oil-water separation. Materials and Design, 2018, 139, 122-131.	3.3	98
25	Anti-fouling and thermosensitive ion-imprinted nanocomposite membranes based on graphene oxide and silicon dioxide for selectively separating europium ions. Journal of Hazardous Materials, 2018, 353, 244-253.	6.5	97
26	Confinement of ultrasmall CoFe ₂ O ₄ nanoparticles in hierarchical ZnIn ₂ S ₄ microspheres with enhanced interfacial charge separation for photocatalytic H ₂ evolution. Journal of Colloid and Interface Science, 2021, 581, 764-773.	5.0	95
27	Synthesis of hydrophilic surface ion-imprinted polymer based on graphene oxide for removal of strontium from aqueous solution. Journal of Materials Chemistry A, 2015, 3, 1287-1297.	5.2	94
28	Fabrication of highly selective ion imprinted macroporous membranes with crown ether for targeted separation of lithium ion. Separation and Purification Technology, 2017, 175, 19-26.	3.9	94
29	Synthesis Ce-doped biomass carbon-based g-C ₃ N ₄ via plant growing guide and temperature-programmed technique for degrading 2-Mercaptobenzothiazole. Applied Catalysis B: Environmental, 2020, 268, 118432.	10.8	92
30	Multilayered ion-imprinted membranes with high selectivity towards Li ⁺ based on the synergistic effect of 12-crown-4 and polyether sulfone. Applied Surface Science, 2018, 427, 931-941.	3.1	86
31	A Multiple-Functional Ag/SiO ₂ /Organic Based Biomimetic Nanocomposite Membrane for High-Stability Protein Recognition and Cell Adhesion/Detachment. Advanced Functional Materials, 2015, 25, 5823-5832.	7.8	85
32	Enhanced photocatalytic activity of g-C ₃ N ₄ -ZnO/HNT composite heterostructure photocatalysts for degradation of tetracycline under visible light irradiation. RSC Advances, 2015, 5, 91177-91189.	1.7	85
33	Design of mesoporous silica hybrid materials as sorbents for the selective recovery of rare earth metals. Journal of Materials Chemistry A, 2015, 3, 10327-10335.	5.2	83
34	Transfer Charge and Energy of Ag@CdSe QDs-rGO Core-Shell Plasmonic Photocatalyst for Enhanced Visible Light Photocatalytic Activity. ACS Applied Materials & Interfaces, 2015, 7, 28231-28243.	4.0	80
35	One-step facile fabrication of sustainable cellulose membrane with superhydrophobicity via a sol-gel strategy for efficient oil/water separation. Surface and Coatings Technology, 2019, 361, 19-26.	2.2	80
36	Fabricated Ag/Ag ₂ S/reduced graphene oxide composite photocatalysts for enhancing visible light photocatalytic and antibacterial activity. Journal of Industrial and Engineering Chemistry, 2018, 57, 125-133.	2.9	78

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37	Bidirectional molecularly imprinted membranes for selective recognition and separation of pyrimethamine: A double-faced loading strategy. <i>Journal of Membrane Science</i> , 2020, 601, 117917.	4.1	77
38	Molecularly imprinted fluorescent hollow nanoparticles as sensors for rapid and efficient detection of cyhalothrin in environmental water. <i>Biosensors and Bioelectronics</i> , 2016, 85, 387-394.	5.3	76
39	Bioinspired synthesis of high-performance nanocomposite imprinted membrane by a polydopamine-assisted metal-organic method. <i>Journal of Hazardous Materials</i> , 2017, 323, 663-673.	6.5	75
40	Fabricated rGO-modified Ag ₂ S nanoparticles/g-C ₃ N ₄ nanosheets photocatalyst for enhancing photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 468-478.	5.0	74
41	Development of composite membranes with irregular rod-like structure via atom transfer radical polymerization for efficient oil-water emulsion separation. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 278-286.	5.0	73
42	A versatile strategy to fabricate dual-imprinted porous adsorbent for efficient treatment of co-contamination of cyhalothrin and copper(II). <i>Chemical Engineering Journal</i> , 2018, 332, 517-527.	6.6	72
43	Dual superlyophobic zeolitic imidazolate framework-8 modified membrane for controllable oil/water emulsion separation. <i>Separation and Purification Technology</i> , 2020, 236, 116273.	3.9	72
44	Enhanced electron-hole separation in SnS ₂ /Au/g-C ₃ N ₄ embedded structure for efficient CO ₂ photoreduction. <i>Chemical Engineering Journal</i> , 2021, 406, 126776.	6.6	71
45	Surface-imprinted fluorescence microspheres as ultrasensitive sensor for rapid and effective detection of tetracycline in real biological samples. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 533-542.	4.0	69
46	Insights into enhanced visible light photocatalytic activity of t-Se nanorods/BiOCl ultrathin nanosheets 1D/2D heterojunctions. <i>Chemical Engineering Journal</i> , 2018, 338, 218-229.	6.6	69
47	Hierarchically carbonaceous catalyst with Brønsted-Lewis acid sites prepared through Pickering HIEs templating for biomass energy conversion. <i>Chemical Engineering Journal</i> , 2016, 294, 222-235.	6.6	68
48	Lawn-like Co ₃ O ₄ @N-doped carbon-based catalytic self-cleaning membrane with peroxymonosulfate activation: A highly efficient singlet oxygen dominated process for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , 2021, 421, 127805.	6.6	68
49	HIEs template: Towards the synthesis of polymeric catalysts with adjustable porous structure, acid-base strength and wettability for biomass energy conversion. <i>Chemical Engineering Journal</i> , 2016, 283, 956-970.	6.6	67
50	MOF-derived Co ₃ O ₄ -C/Ni ₂ P ₂ O ₇ electrode material for high performance supercapacitors. <i>Chemical Engineering Journal</i> , 2019, 378, 122242.	6.6	66
51	CQDS precluded carbon-incorporated 3D burger-like hybrid ZnO enhanced visible-light-driven photocatalytic activity and mechanism implication. <i>Journal of Catalysis</i> , 2019, 369, 450-461.	3.1	66
52	Novel Graphene Oxide-Confined Nanospace Directed Synthesis of Glucose-Based Porous Carbon Nanosheets with Enhanced Adsorption Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11566-11576.	3.2	65
53	Dual-template docking oriented ionic imprinted bilayer mesoporous films with efficient recovery of neodymium and dysprosium. <i>Journal of Hazardous Materials</i> , 2018, 353, 496-504.	6.5	64
54	Bio-inspired adhesion: Fabrication of molecularly imprinted nanocomposite membranes by developing a hybrid organic-inorganic nanoparticles composite structure. <i>Journal of Membrane Science</i> , 2015, 490, 169-178.	4.1	63

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55	Facile surface coating of metal-tannin complex onto PVDF membrane with underwater Superoleophobicity for oil-water emulsion separation. <i>Surface and Coatings Technology</i> , 2020, 389, 125630.	2.2	61
56	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> , 2018, 358, 284-293.	2.0	60
57	Fabrication of crosslinking modified PVDF/GO membrane with acid, alkali and salt resistance for efficient oil-water emulsion separation. <i>Separation and Purification Technology</i> , 2021, 265, 118528.	3.9	60
58	Visible light driven Ag/Ag ₃ PO ₄ /AC photocatalyst with highly enhanced photodegradation of tetracycline antibiotics. <i>Applied Surface Science</i> , 2015, 353, 391-399.	3.1	59
59	Bioinspired synthesis of pDA/SiO ₂ -based porous ciprofloxacin-imprinted nanocomposite membrane by a polydopamine-assisted organic-inorganic method. <i>Chemical Engineering Journal</i> , 2017, 309, 263-271.	6.6	59
60	One-step assembly of Fe(III)-CMC chelate hydrogel onto nanoneedle-like CuO@Cu membrane with superhydrophilicity for oil-water separation. <i>Applied Surface Science</i> , 2018, 440, 560-569.	3.1	59
61	A tailored molecular imprinting ratiometric fluorescent sensor based on red/blue carbon dots for ultrasensitive tetracycline detection. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 72, 100-106.	2.9	59
62	Facile synthesis of highly efficient graphitic-C ₃ N ₄ /ZnFe ₂ O ₄ heterostructures enhanced visible-light photocatalysis for spiramycin degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 328, 24-32.	2.0	58
63	Constructing of the Magnetic Photocatalytic Nanoreactor MS@FCN for Cascade Catalytic Degrading of Tetracycline. <i>Journal of Physical Chemistry C</i> , 2016, 120, 27250-27258.	1.5	57
64	Accelerating the design of multi-component nanocomposite imprinted membranes by integrating a versatile metal-organic methodology with a mussel-inspired secondary reaction platform. <i>Green Chemistry</i> , 2015, 17, 3338-3349.	4.6	56
65	Surface modification and ratiometric fluorescence dual function enhancement for visual and fluorescent detection of glucose based on dual-emission quantum dots hybrid. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 70-76.	4.0	56
66	Hierarchical macro and mesoporous foams synthesized by HIEPs template and interface grafted route for simultaneous removal of β -cyhalothrin and copper ions. <i>Chemical Engineering Journal</i> , 2016, 284, 1361-1372.	6.6	56
67	Synthesis and evaluation of acid-base bi-functionalized SBA-15 catalyst for biomass energy conversation. <i>Chemical Engineering Journal</i> , 2017, 313, 1593-1606.	6.6	56
68	Enhanced photocatalytic performance of MoS ₂ modified by AgVO ₃ from improved generation of reactive oxygen species. <i>Chinese Journal of Catalysis</i> , 2018, 39, 1470-1483.	6.9	56
69	Antibacterial, high-flux and 3D porous molecularly imprinted nanocomposite sponge membranes for cross-flow filtration of emodin from analogues. <i>Chemical Engineering Journal</i> , 2019, 360, 483-493.	6.6	56
70	Hydrothermal Synthesis of CdSe Quantum Dots and Their Photocatalytic Activity on Degradation of Cefalexin. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 15015-15023.	1.8	55
71	Recent advances in ion-imprinted membranes: separation and detection via ion-selective recognition. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1626-1653.	1.2	55
72	Reactive Template and Confined Self-Activation Strategy: Three-Dimensional Interconnected Hierarchically Porous N/O-Doped Carbon Foam for Enhanced Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 739-748.	3.2	55

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73	Surface imprinting of a g-C ₃ N ₄ photocatalyst for enhanced photocatalytic activity and selectivity towards photodegradation of 2-mercaptobenzothiazole. RSC Advances, 2015, 5, 40726-40736.	1.7	54
74	Construction of caterpillar-like cobalt-nickel hydroxide/carbon cloth hierarchical architecture with reversible wettability towards on-demand oil-water separation. Applied Surface Science, 2018, 462, 659-668.	3.1	54
75	Constructing carbon dots and CdTe quantum dots multi-functional composites for ultrasensitive sensing and rapid degrading ciprofloxacin. Sensors and Actuators B: Chemical, 2019, 289, 242-251.	4.0	54
76	Hierarchical porous molecule/ion imprinted polymers with double specific binding sites: Combination of Pickering HIPEs template and pore-filled strategy. Chemical Engineering Journal, 2016, 301, 210-221.	6.6	53
77	Synergetic effect of carbon sphere derived from yeast with magnetism and cobalt oxide nanochains towards improving photodegradation activity for various pollutants. Applied Catalysis B: Environmental, 2018, 220, 137-147.	10.8	53
78	Enhanced light utilization efficiency and fast charge transfer for excellent CO ₂ photoreduction activity by constructing defect structures in carbon nitride. Journal of Colloid and Interface Science, 2020, 578, 574-583.	5.0	53
79	Irregular dot array nanocomposite molecularly imprinted membranes with enhanced antibacterial property: Synergistic promotion of selectivity, rebinding capacity and flux. Chemical Engineering Journal, 2021, 405, 126716.	6.6	53
80	Biomimetic design and synthesis of visible-light-driven g-C ₃ N ₄ nanotube @polydopamine/NiCo-layered double hydroxides composite photocatalysts for improved photocatalytic hydrogen evolution activity. Journal of Colloid and Interface Science, 2021, 584, 464-473.	5.0	52
81	Interface engineering of Co ₉ S ₈ /CdIn ₂ S ₄ ohmic junction for efficient photocatalytic H ₂ evolution under visible light. Journal of Colloid and Interface Science, 2021, 600, 794-803.	5.0	52
82	Fabrication of magnetic quantum dots modified Z-scheme Bi ₂ O ₄ /g-C ₃ N ₄ photocatalysts with superior hydroxyl radical productivity for the degradation of rhodamine B. Applied Surface Science, 2019, 493, 458-469.	3.1	51
83	Fast electron transfer and enhanced visible light photocatalytic activity by using poly-o-phenylenediamine modified AgCl/g-C ₃ N ₄ nanosheets. Chinese Journal of Catalysis, 2019, 40, 80-94.	6.9	51
84	MOFs derived 3D sea urchin-like carbon frameworks loaded on PVDF membranes as PMS activator for highly efficient bisphenol A degradation. Separation and Purification Technology, 2021, 258, 117669.	3.9	50
85	Synthesis of molecularly imprinted silica nanospheres embedded mercaptosuccinic acid-coated CdTe quantum dots for selective recognition of Î»-cyhalothrin. Journal of Luminescence, 2014, 153, 326-332.	1.5	49
86	Synthesis of ion imprinted nanocomposite membranes for selective adsorption of lithium. Separation and Purification Technology, 2018, 194, 64-72.	3.9	49
87	Fabricated g-C ₃ N ₄ /Ag/m-CeO ₂ composite photocatalyst for enhanced photoconversion of CO ₂ . Applied Surface Science, 2020, 506, 144931.	3.1	49
88	Rationally designed hybrid molecularly imprinted polymer foam for highly efficient Î»-cyhalothrin recognition and uptake via twice imprinting strategy. Chemical Engineering Journal, 2016, 286, 485-496.	6.6	48
89	Facile synthesis of porous carbon sheets from potassium acetate via in-situ template and self-activation for highly efficient chloramphenicol removal. Journal of Alloys and Compounds, 2018, 732, 222-232.	2.8	48
90	A novel approach toward fabrication of porous molecularly imprinted nanocomposites with bioinspired multilevel internal domains: Application to selective adsorption and separation membrane. Chemical Engineering Journal, 2016, 306, 492-503.	6.6	47

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91	Fabrication of free-standing bio-template mesoporous hybrid film for high and selective phosphate removal. <i>Chemical Engineering Journal</i> , 2016, 284, 879-887.	6.6	47
92	Separation, concentration and determination of trace chloramphenicol in shrimp from different waters by using polyoxyethylene lauryl ether-salt aqueous two-phase system coupled with high-performance liquid chromatography. <i>Food Chemistry</i> , 2016, 192, 163-170.	4.2	47
93	Facile and green fabrication of superhydrophobic sponge for continuous oil/water separation from harsh environments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 563, 120-129.	2.3	47
94	Simultaneous separation/enrichment and detection of trace ciprofloxacin and lomefloxacin in food samples using thermosensitive smart polymers aqueous two-phase flotation system combined with HPLC. <i>Food Chemistry</i> , 2016, 210, 1-8.	4.2	46
95	Synthesis of Ceria and Sulfated Zirconia Catalysts Supported on Mesoporous SBA-15 toward Glucose Conversion to 5-Hydroxymethylfurfural in a Green Isopropanol-Mediated System. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 1968-1979.	1.8	46
96	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> , 2018, 93, 603-615.	2.7	46
97	Studying of Co-doped g-C ₃ N ₄ and modified with Fe ₃ O ₄ quantum dots on removing tetracycline. <i>Journal of Alloys and Compounds</i> , 2019, 775, 248-258.	2.8	46
98	Rationally constructing of a novel 2D/2D WO ₃ /Pt/g-C ₃ N ₄ Schottky-Ohmic junction towards efficient visible-light-driven photocatalytic hydrogen evolution and mechanism insight. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 576-587.	5.0	46
99	Molecularly imprinted polymer microspheres for optical measurement of ultra trace nonfluorescent cyhalothrin in honey. <i>Food Chemistry</i> , 2014, 156, 1-6.	4.2	45
100	Hierarchical porous carbon materials derived from a waste paper towel with ultrafast and ultrahigh performance for adsorption of tetracycline. <i>RSC Advances</i> , 2016, 6, 72985-72998.	1.7	45
101	Facile preparation of intercrossed-stacked porous carbon originated from potassium citrate and their highly effective adsorption performance for chloramphenicol. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 858-869.	5.0	45
102	A facile strategy toward ion-imprinted hierarchical mesoporous material via dual-template method for simultaneous selective extraction of lithium and rubidium. <i>Journal of Cleaner Production</i> , 2018, 171, 264-274.	4.6	45
103	One-pot synthesis of HMF from carbohydrates over acid-base bi-functional carbonaceous catalyst supported on halloysite nanotubes. <i>Cellulose</i> , 2020, 27, 3037-3054.	2.4	45
104	A novel route for green conversion of cellulose to HMF by cascading enzymatic and chemical reactions. <i>AIChE Journal</i> , 2017, 63, 4920-4932.	1.8	44
105	Bamboo prepared carbon quantum dots (CQDs) for enhancing Bi ₃ Ti ₄ O ₁₂ nanosheets photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2018, 752, 106-114.	2.8	43
106	Fabrication of lithium ion imprinted hybrid membranes with antifouling performance for selective recovery of lithium. <i>New Journal of Chemistry</i> , 2018, 42, 118-128.	1.4	43
107	Construction of Heterogenous Sâ€“Câ€“S MoS ₂ /SnS ₂ /r-GO Heterojunction for Efficient CO ₂ Photoreduction. <i>Inorganic Chemistry</i> , 2019, 58, 15590-15601.	1.9	42
108	Capillarity-driven both light and heavy oil/water separation via combined system of opposite superwetting meshes. <i>Separation and Purification Technology</i> , 2019, 215, 1-9.	3.9	42

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109	Highly-controllable imprinted polymer nanoshell at the surface of silica nanoparticles based room-temperature phosphorescence probe for detection of 2,4-dichlorophenol. <i>Analytica Chimica Acta</i> , 2015, 870, 83-91.	2.6	41
110	Fe ₃ C/Fe/C Magnetic Hierarchical Porous Carbon with Micromesopores for Highly Efficient Chloramphenicol Adsorption: Magnetization, Graphitization, and Adsorption Properties Investigation. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 3510-3522.	1.8	41
111	Construction of an attapulgite intercalated mesoporous g-C ₃ N ₄ with enhanced photocatalytic activity for antibiotic degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 359, 102-110.	2.0	41
112	Heterojunction photocatalyst fabricated by deposition Co ₃ O ₄ nanoparticles on MoS ₂ nanosheets with enhancing photocatalytic performance and mechanism insight. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 97, 158-169.	2.7	41
113	Facile preparation of superhydrophilic/underwater superoleophobic cellulose membrane with CaCO ₃ particles for oil/water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 608, 125583.	2.3	41
114	Construction of upconversion nitrogen doped graphene quantum dots modified BiVO ₄ photocatalyst with enhanced visible-light photocatalytic activity. <i>Ceramics International</i> , 2019, 45, 2088-2096.	2.3	40
115	Core-shell ZIF-67/ZIF-8-derived sea urchin-like cobalt/nitrogen Co-doped carbon nanotube hollow frameworks for ultrahigh adsorption and catalytic activities. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 112, 202-211.	2.7	40
116	Synergy between Cu doping and catalytic platform in 2D Ni-MOFs/Cu-Zn _{0.5} Cd _{0.5} S for efficient water-to-hydrogen conversion. <i>Chemical Engineering Journal</i> , 2021, 410, 128316.	6.6	40
117	Preparation and photodegradation properties of transition metal ionâ€“poly-o-phenylenediamine/TiO ₂ /fly-ash cenospheres by ion imprinting technology. <i>RSC Advances</i> , 2013, 3, 14807.	1.7	39
118	High photocatalytic degradation of tetracycline under visible light with Ag/AgCl/activated carbon composite plasmonic photocatalyst. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 35, 83-92.	2.9	39
119	Composites of Silica and Molecularly Imprinted Polymers for Degradation of Sulfadiazine. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25309-25318.	1.5	38
120	From Lignin to Three-Dimensional Interconnected Hierarchically Porous Carbon with High Surface Area for Fast and Superhigh-Efficiency Adsorption of Sulfamethazine. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 9367-9375.	1.8	38
121	Z-scheme MoS ₂ /Bi ₂ O ₃ heterojunctions: enhanced photocatalytic degradation performance and mechanistic insight. <i>New Journal of Chemistry</i> , 2019, 43, 11876-11886.	1.4	38
122	Antifouling molecularly imprinted membranes for pretreatment of milk samples: Selective separation and detection of lincomycin. <i>Food Chemistry</i> , 2020, 333, 127477.	4.2	38
123	Facile preparation of metal-polyphenol coordination complex coated PVDF membrane for oil/water emulsion separation. <i>Separation and Purification Technology</i> , 2021, 258, 118022.	3.9	38
124	Facile synthesis of degradable CA/CS imprinted membrane by hydrolysis polymerization for effective separation and recovery of Li ⁺ . <i>Carbohydrate Polymers</i> , 2019, 205, 492-499.	5.1	37
125	Interior and Surface Synergistic Modifications Modulate the SnNb ₂ O ₆ /Ni-Doped ZnIn ₂ S ₄ S-Scheme Heterojunction for Efficient Photocatalytic H ₂ Evolution. <i>Inorganic Chemistry</i> , 2022, 61, 4681-4689.	1.9	37
126	Facile synthesis of microcellular foam catalysts with adjustable hierarchical porous structure, acidâ€“base strength and wettability for biomass energy conversion. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13507-13518.	5.2	36

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127	Simultaneous removal of Pb(II) and 2,4,6-trichlorophenol by a hierarchical porous PU@PDA@MSNs sponge with reversible "shape memory" effect. <i>Chemical Engineering Journal</i> , 2016, 284, 10-20.	6.6	36
128	A high-performance SERS-imprinted sensor doped with silver particles of different surface morphologies for selective detection of pyrethroids in rivers. <i>New Journal of Chemistry</i> , 2017, 41, 14342-14350.	1.4	36
129	Fouling Resistant CA/PVA/TiO ₂ Imprinted Membranes for Selective Recognition and Separation Salicylic Acid from Waste Water. <i>Frontiers in Chemistry</i> , 2017, 5, 2.	1.8	36
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