

# Jiangdong Dai

## List of Publications by Citations

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116  
papers

2,975  
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ext. papers

3,729  
ext. citations

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avg, IF

5.83  
L-index

#	Paper	IF	Citations
116	Photo-Fenton self-cleaning membranes with robust flux recovery for an efficient oil/water emulsion separation. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 8491-8502	13	141
115	Preparation of molecularly imprinted nanoparticles with superparamagnetic susceptibility through atom transfer radical emulsion polymerization for the selective recognition of tetracycline from aqueous medium. <i>Journal of Hazardous Materials</i> , <b>2012</b> , 205-206, 179-88	12.8	125
114	Ultrahigh adsorption of typical antibiotics onto novel hierarchical porous carbons derived from renewable lignin via halloysite nanotubes-template and in-situ activation. <i>Chemical Engineering Journal</i> , <b>2016</b> , 304, 609-620	14.7	111
113	Facile preparation of grass-like structured NiCo-LDH/PVDF composite membrane for efficient oil/water emulsion separation. <i>Journal of Membrane Science</i> , <b>2019</b> , 573, 226-233	9.6	111
112	Graphene oxide/Fe(III)-based metal-organic framework membrane for enhanced water purification based on synergistic separation and photo-Fenton processes. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 264, 118548	21.8	90
111	Photo-Fenton self-cleaning PVDF/NH <sub>2</sub> -MIL-88B(Fe) membranes towards highly-efficient oil/water emulsion separation. <i>Journal of Membrane Science</i> , <b>2020</b> , 595, 117499	9.6	88
110	Magnetic molecularly imprinted polymers based on attapulgite/Fe <sub>3</sub> O <sub>4</sub> particles for the selective recognition of 2,4-dichlorophenol. <i>Chemical Engineering Journal</i> , <b>2011</b> , 174, 68-75	14.7	77
109	3D macroscopic superhydrophobic magnetic porous carbon aerogel converted from biorenewable popcorn for selective oil-water separation. <i>Materials and Design</i> , <b>2018</b> , 139, 122-131	8.1	72
108	Design of mesoporous silica hybrid materials as sorbents for the selective recovery of rare earth metals. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 10327-10335	13	66
107	Novel pitaya-inspired well-defined core-shell nanospheres with ultrathin surface imprinted nanofilm from magnetic mesoporous nanosilica for highly efficient chloramphenicol removal. <i>Chemical Engineering Journal</i> , <b>2016</b> , 284, 812-822	14.7	66
106	Molecularly Imprinted Fluorescent Test Strip for Direct, Rapid, and Visual Dopamine Detection in Tiny Amount of Biofluid. <i>Small</i> , <b>2019</b> , 15, e1803913	11	66
105	Selective recognition of 2,4,5-trichlorophenol by temperature responsive and magnetic molecularly imprinted polymers based on halloysite nanotubes. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 3360		61
104	Bioinspired synthesis of high-performance nanocomposite imprinted membrane by a polydopamine-assisted metal-organic method. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 323, 663-673	12.8	60
103	Robust Nacrelike Graphene Oxide-Calcium Carbonate Hybrid Mesh with Underwater Superoleophobic Property for Highly Efficient Oil/Water Separation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 4482-4493	9.5	60
102	Novel Graphene Oxide/Confined Nanospace Directed Synthesis of Glucose-Based Porous Carbon Nanosheets with Enhanced Adsorption Performance. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 11566-11576	8.3	56
101	Selective Removal of 3-Chlorophenol from Aqueous Solution Using Surface Molecularly Imprinted Microspheres. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2011</b> , 56, 2793-2801	2.8	55
100	A surface ion-imprinted mesoporous sorbent for separation and determination of Pb(II) ion by flame atomic absorption spectrometry. <i>Mikrochimica Acta</i> , <b>2011</b> , 172, 309-317	5.8	53

99	Switched recognition and release ability of temperature responsive molecularly imprinted polymers based on magnetic halloysite nanotubes. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 17167		51
98	Molecular Imprinting in Fluorescent Particle Stabilized Pickering Emulsion for Selective and Sensitive Optosensing of Cyhalothrin. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 10445-10453	3.8	51
97	Construction of caterpillar-like cobalt-nickel hydroxide/carbon cloth hierarchical architecture with reversible wettability towards on-demand oil-water separation. <i>Applied Surface Science</i> , <b>2018</b> , 462, 659-668	6.7	47
96	One-step facile fabrication of sustainable cellulose membrane with superhydrophobicity via a sol-gel strategy for efficient oil/water separation. <i>Surface and Coatings Technology</i> , <b>2019</b> , 361, 19-26	4.4	46
95	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> , <b>2018</b> , 440, 560-569	6.7	42
94	Novel N-doped hierarchically porous carbons derived from sustainable shrimp shell for high-performance removal of sulfamethazine and chloramphenicol. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2016</b> , 62, 228-238	5.3	39
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> , <b>2019</b> , 563, 120-129	5.1	39
92	Dual superlyophobic zeolitic imidazolate framework-8 modified membrane for controllable oil/water emulsion separation. <i>Separation and Purification Technology</i> , <b>2020</b> , 236, 116273	8.3	38
91	Composites of Silica and Molecularly Imprinted Polymers for Degradation of Sulfadiazine. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 25309-25318	3.8	35
90	Fe <sub>3</sub> C/Fe/C Magnetic Hierarchical Porous Carbon with Micromesopores for Highly Efficient Chloramphenicol Adsorption: Magnetization, Graphitization, and Adsorption Properties Investigation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 3510-3522	3.9	33
89	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> , <b>2017</b> , 505, 858-869	9.3	33
88	Magnetic ZnO surface-imprinted polymers prepared by ARGET ATRP and the application for antibiotics selective recognition. <i>RSC Advances</i> , <b>2012</b> , 2, 5571	3.7	33
87	Preparation of highly porous carbon from sustainable cellulose for superior removal performance of tetracycline and sulfamethazine from water. <i>RSC Advances</i> , <b>2016</b> , 6, 28023-28033	3.7	32
86	Hollow imprinted polymer nanorods with a tunable shell using halloysite nanotubes as a sacrificial template for selective recognition and separation of chloramphenicol. <i>RSC Advances</i> , <b>2016</b> , 6, 51014-51023	3.7	32
85	Selective Adsorption of Co(II) by Mesoporous Silica SBA-15-Supported Surface Ion Imprinted Polymer: Kinetics, Isotherms, and Thermodynamics Studies. <i>Chinese Journal of Chemistry</i> , <b>2011</b> , 29, 387-398	4.9	31
84	Facile synthesis of porous carbon sheets from potassium acetate via in-situ template and self-activation for highly efficient chloramphenicol removal. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 732, 222-232	5.7	30
83	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
82	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> , <b>2020</b> , 8, 739-748	8.3	29

81	Thiolene Click Synthesis of Polyamide-Amine Dendritic Magnetic Halloysite Nanotubes for the Efficient Removal of Pb(II). <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 771-781	8.3	29
80	UV-Driven Antifouling Paper Fiber Membranes for Efficient Oil/Water Separation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 5186-5194	3.9	28
79	Facile surface coating of metal-tannin complex onto PVDF membrane with underwater Superoleophobicity for oil-water emulsion separation. <i>Surface and Coatings Technology</i> , <b>2020</b> , 389, 125630-125634	4.1	28
78	Sustainable bovine bone-derived hierarchically porous carbons with excellent adsorption of antibiotics: Equilibrium, kinetic and thermodynamic investigation. <i>Powder Technology</i> , <b>2018</b> , 331, 162-170	5.2	28
77	Capillarity-driven both light and heavy oil/water separation via combined system of opposite superwetting meshes. <i>Separation and Purification Technology</i> , <b>2019</b> , 215, 1-9	8.3	28
76	Simultaneous activation and magnetization toward facile preparation of auricularia-based magnetic porous carbon for efficient removal of tetracycline. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 784, 76-87	5.7	27
75	Hierarchical porous carbon materials derived from a waste paper towel with ultrafast and ultrahigh performance for adsorption of tetracycline. <i>RSC Advances</i> , <b>2016</b> , 6, 72985-72998	3.7	27
74	Selective separation of lambda-cyhalothrin by porous/magnetic molecularly imprinted polymers prepared by Pickering emulsion polymerization. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 3285-94	3.4	27
73	Synergistic multiple active species for catalytic self-cleaning membrane degradation of persistent pollutants by activating peroxymonosulfate. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 587, 202-213	9.3	27
72	Silica nanoparticles doped with a europium(III) complex and coated with an ion imprinted polymer for rapid determination of copper(II). <i>Mikrochimica Acta</i> , <b>2015</b> , 182, 753-761	5.8	26
71	From Lignin to Three-Dimensional Interconnected Hierarchically Porous Carbon with High Surface Area for Fast and Superhigh-Efficiency Adsorption of Sulfamethazine. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 9367-9375	3.9	25
70	Fabrication and evaluation of temperature responsive molecularly imprinted sorbents based on surface of yeast via surface-initiated AGET ATRP. <i>Applied Surface Science</i> , <b>2013</b> , 287, 211-217	6.7	24
69	Core-shell molecularly imprinted polymers based on magnetic chitosan microspheres for chloramphenicol selective adsorption. <i>Monatshefte Für Chemie</i> , <b>2015</b> , 146, 465-474	1.4	24
68	MOFs derived 3D sea urchin-like carbon frameworks loaded on PVDF membranes as PMS activator for highly efficient bisphenol A degradation. <i>Separation and Purification Technology</i> , <b>2021</b> , 258, 117669	8.3	24
67	Selective adsorption and separation of gadolinium with three-dimensionally interconnected macroporous imprinted chitosan films. <i>Cellulose</i> , <b>2017</b> , 24, 977-988	5.5	23
66	Preparation of Janus membrane based on biomimetic polydopamine interface regulation and superhydrophobic attapulgite spraying for on-demand oil-water emulsion separation. <i>Journal of Membrane Science</i> , <b>2021</b> , 627, 119242	9.6	22
65	From black liquor to highly porous carbon adsorbents with tunable microstructure and excellent adsorption of tetracycline from water: Performance and mechanism study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2016</b> , 63, 295-302	5.3	22
64	Coordination-driven interfacial cross-linked graphene oxide-alginate nacre mesh with underwater superoleophobicity for oil-water separation. <i>Carbohydrate Polymers</i> , <b>2021</b> , 251, 117097	10.3	21

63	A polydopamine-based molecularly imprinted polymer on nanoparticles of type SiO@rGO@Ag for the detection of Erythrocin via SERS. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 193	5.8	20
62	2D/2D confinement graphene-supported bimetallic Sulfides/g-C <sub>3</sub> N <sub>4</sub> composites with abundant sulfur vacancies as highly active catalytic self-cleaning membranes for organic contaminants degradation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 418, 129383	14.7	20
61	Ultrahigh adsorption of tetracycline on willow branch-derived porous carbons with tunable pore structure: Isotherm, kinetics, thermodynamic and new mechanism study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 96, 473-482	5.3	19
60	Preparation and Characterization of Chitosan/Kaolin/Fe <sub>3</sub> O <sub>4</sub> Magnetic Microspheres and Their Application for the Removal of Ciprofloxacin. <i>Adsorption Science and Technology</i> , <b>2014</b> , 32, 775-790	3.6	18
59	Facile preparation of superhydrophilic/underwater superoleophobic cellulose membrane with CaCO <sub>3</sub> particles for oil/water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 608, 125583	5.1	18
58	Scalable preparation of hierarchical porous carbon from lignin for highly efficient adsorptive removal of sulfamethazine antibiotic. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 256, 203-212	6	17
57	One-step facile fabrication of visible light driven antifouling carbon cloth fibers membrane for efficient oil-water separation. <i>Separation and Purification Technology</i> , <b>2019</b> , 228, 115769	8.3	17
56	Magnetic Co <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticle-modified polymeric g-C <sub>3</sub> N <sub>4</sub> sheets with enhanced photocatalytic performance for chloramphenicol degradation. <i>RSC Advances</i> , <b>2016</b> , 6, 48875-48883	3.7	17
55	Lawn-like Co <sub>3</sub> O <sub>4</sub> @N-doped carbon-based catalytic self-cleaning membrane with peroxydisulfate activation: A highly efficient singlet oxygen dominated process for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 421, 127805	14.7	17
54	NaCl-template assisted preparation of porous carbon nanosheets started from lignin for efficient removal of tetracycline. <i>Advanced Powder Technology</i> , <b>2019</b> , 30, 170-179	4.6	16
53	Facile preparation of metal-polyphenol coordination complex coated PVDF membrane for oil/water emulsion separation. <i>Separation and Purification Technology</i> , <b>2021</b> , 258, 118022	8.3	16
52	An acid/alkali resistant cellulose membrane by rapidly depositing polydopamine and assembling BaSO <sub>4</sub> nanosheets for oil/water separation. <i>Cellulose</i> , <b>2020</b> , 27, 5169-5178	5.5	15
51	Investigation of catalytic self-cleaning process of multiple active species decorated macroporous PVDF membranes through peroxydisulfate activation. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 586, 178-189	9.3	15
50	2D confinement freestanding graphene oxide composite membranes with enriched oxygen vacancies for enhanced organic contaminants removal via peroxydisulfate activation. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 417, 126028	12.8	15
49	Graphene oxide template-confined fabrication of hierarchical porous carbons derived from lignin for ultrahigh-efficiency and fast removal of ciprofloxacin. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 66, 456-467	6.3	14
48	Preparation of hierarchical porous carbons from sodium carboxymethyl cellulose via halloysite template strategy coupled with KOH-activation for efficient removal of chloramphenicol. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2017</b> , 80, 424-433	5.3	12
47	Preparation of macroscopic spherical porous carbons@carboxymethylcellulose sodium gel beads and application for removal of tetracycline. <i>RSC Advances</i> , <b>2016</b> , 6, 84536-84546	3.7	11
46	Superhydrophobic sponge with the rod-spherical microstructure via palygorskite-catalyzed hydrolysis and condensation of vinyltriethoxysilane for oil-water separation. <i>Applied Clay Science</i> , <b>2020</b> , 199, 105872	5.2	11

45	Interfacial engineering of vacancy-rich nitrogen-doped FeO@MoS Co-catalytic carbonaceous beads mediated non-radicals for fast catalytic oxidation. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 421, 126715	12.8	11
44	Converting obsolete copy paper to porous carbon materials with preeminent adsorption performance for tetracycline antibiotic. <i>RSC Advances</i> , <b>2016</b> , 6, 13312-13322	3.7	10
43	Template-free preparation of yeast-derived three-dimensional hierarchical porous carbon for highly efficient sulfamethazine adsorption from water. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 95, 532-540	5.3	10
42	Convenient Determination of Sulfamethazine in Milk by Novel Ratiometric Fluorescence with Carbon and Quantum Dots with On-site Naked-eye Detection and Low Interferences. <i>Analytical Letters</i> , <b>2018</b> , 51, 2099-2113	2.2	10
41	Magnetic organic/inorganic nanocomposite with ultrathin imprinted polymers via an in situ surface-initiated approach for specific separation of chloramphenicol. <i>RSC Advances</i> , <b>2016</b> , 6, 70383-70393	3.7	9
40	Active antifouling carbon cloth@Ni-Co LDH/Ag membrane for efficient oil/water separation. <i>Applied Clay Science</i> , <b>2021</b> , 211, 106161	5.2	9
39	Dual-channel separation system based on platanus fruit-like Ni@Ni(OH) hierarchical architecture for fast, efficient and continuous light/heavy oil/water separation. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2019</b> , 74, 208-215	6.3	8
38	A traceable porous bowl-like PLA@C-dots composite for in vitro drug delivery system: A case study of artemisinin. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e50	11.7	8
37	Fabrication of phosphate functionalized chiral nematic mesoporous silica films for the efficient and selective adsorption of lanthanum ions. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 277, 786-793	6	7
36	Strongly coupled cobalt/oxygen co-doped porous g-C <sub>3</sub> N <sub>4</sub> heterostructure with abundant oxygen vacancies modulated the peroxymonosulfate activation pathway. <i>Chemical Engineering Journal</i> , <b>2021</b> , 431, 133972	14.7	7
35	Recent Progresses on the Adsorption and Separation of Ions by Imprinting Routes. <i>Separation and Purification Reviews</i> , <b>2020</b> , 49, 265-293	7.3	7
34	Robust, fluorine-free and superhydrophobic composite melamine sponge modified with dual silanized SiO <sub>2</sub> microspheres for oil/water separation. <i>Chinese Journal of Chemical Engineering</i> , <b>2021</b> , 33, 50-60	3.2	7
33	Dual-emission ratiometric fluorescence detection of aspirin in human saliva: onsite naked-eye detection and high stability. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 14551-14556	3.6	6
32	Fabrication of porous molecularly imprinted polymer using halloysite nanotube as template for selective recognition and separation of chloramphenicol. <i>Journal of the Iranian Chemical Society</i> , <b>2020</b> , 17, 555-565	2	6
31	Adsorption of phosphorus on lanthanum doped carbon films guided by self-assembly of cellulose nanocrystalline. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 319, 114148	6	6
30	Hollow molecularly imprinted fluorescent sensor using europium complex as functional monomer for the detection of trace 2,4,6-trichlorophenol in real water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 246, 119051	4.4	6
29	Interfacial engineering for ultrafine Co <sub>3</sub> O <sub>4</sub> confined in graphene macroscopic microspheres with boosting peroxymonosulfate activation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2021</b> , 127, 248-258	5.3	6
28	Preparation and characterization of chitosan/halloysite magnetic microspheres and their application for removal of tetracycline from an aqueous solution. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 4162-4173		5



27	Confinement of ultrafine Co <sub>3</sub> O <sub>4</sub> nanoparticles in nitrogen-doped graphene-supported macroscopic microspheres for ultrafast catalytic oxidation: Role of oxygen vacancy and ultrasmall size effect. <i>Separation and Purification Technology</i> , <b>2022</b> , 281, 119963	8.3	5
26	Dot-matrix-initiated molecularly imprinted nanocomposite membranes for selective recognition: a high-efficiency separation system with an anti-oil fouling layer. <i>Environmental Science: Nano</i> ,	7.1	5
25	Magnetic Interconnected Macroporous Imprinted Foams for Selective Recognition and Adsorptive Removal of Phenolic Pollution from Water. <i>Fibers and Polymers</i> , <b>2020</b> , 21, 762-774	2	4
24	Neodymium doped zinc oxide for ultrasensitive SERS substrate. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 20537-20543	2.1	4
23	Insight into the Effect of the Cl 3p Orbital on g-C <sub>3</sub> N <sub>4</sub> Mimicking Photosynthesis under CO <sub>2</sub> Reduction. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 9646-9656	3.8	4
22	Synthesis of Cyclodextrin/mesoporous attapulgite composites and their novel application in adsorption of 2,4,6-trichlorophenol and 2,4,5-trichlorophenol. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 14241-14250		3
21	Facile synthesis of eggshell-stabilized erythromycin-based imprinted composites for recognition and separation applications. <i>RSC Advances</i> , <b>2015</b> , 5, 89030-89040	3.7	3
20	Thermosensitive/magnetic molecularly imprinted polymers prepared by Pickering emulsion polymerization for selective separation of bifenthrin. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 18927-18938		3
19	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
18	Vertically/parallelly orientated growth of NiCo <sub>2</sub> O <sub>4</sub> nanosheet onto surface of hierarchically N-doped porous carbon for improved supercapacitor. <i>Materials Technology</i> , <b>2020</b> , 35, 463-474	2.1	3
17	Flower-like visible light driven antifouling membrane with robust regeneration for high efficient oil/water separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2020</b> , 106, 138-147	5.3	3
16	Superhydrophilic, underwater superoleophobic and self-cleaning nickel composite mesh via simultaneous acid etching and in-situ growth of Prussian blue analogue for oil-water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 627, 127140	5.1	3
15	Magnetic Attapulgite Nanoclay Decorated with Surface Imprinted Polymer Thin Film for Enhanced Selective Recognition and Adsorption of Sulfamethazine. <i>Nano</i> , <b>2017</b> , 12, 1750136	1.1	2
14	A three-in-one strategy for facile fabrication of hierarchically porous n-doped carbons: enhanced CO <sub>2</sub> capture and tetracycline removal. <i>Journal of Porous Materials</i> , <b>2020</b> , 27, 1755-1763	2.4	2
13	One-step Condensation/copolymerization of VTES and DVB for Self-assembly Bionic Superhydrophobic Surface Coating and Study on Oil-water Separation. <i>Journal of Bionic Engineering</i> , <b>2021</b> , 18, 559-573	2.7	2
12	Molecular Imprinting: Molecularly Imprinted Fluorescent Test Strip for Direct, Rapid, and Visual Dopamine Detection in Tiny Amount of Biofluid (Small 1/2019). <i>Small</i> , <b>2019</b> , 15, 1970006	11	2
11	Coordination-driven in-situ self-assembled prussian blue/alginate hydrogels composite mesh with underwater superoleophobicity for oil/water separation and self-cleaning performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2021</b> , 126, 341-350	5.3	2
10	1D/2D nanoconfinement Fe <sub>3</sub> O <sub>4</sub> and nitrogen-doped carbon matrix for catalytic self-cleaning membranes removal for pollutants. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 106076	6.8	2

9	Accelerating the Design of ECD-PVDF-based Molecularly Imprinted Nanocomposite Membrane for Selective Separation: A Surface Functional Monomer-Directing Strategy. <i>Nano</i> , <b>2020</b> , 15, 2050138	1.1	1
8	Tailor-made double-face imprinted membrane with ultra-high specific surface area asymmetric structure through a connective method of dip-coating and delayed phase inversion for selective adsorption of cadmium ion. <i>Separation and Purification Technology</i> , <b>2022</b> , 280, 119865	8.3	1
7	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
6	Optical Recognition of Sulfamethoxazole by a Colored Chiral Nematic Imprinted Film. <i>Analytical Sciences</i> , <b>2020</b> , 36, 221-226	1.7	1
5	Fabrication of high flux porphrin-cored with siloxane-poly(amido amine) dendrimer/PVDF composite membrane for oil/water separation and dye degradation. <i>Journal of Environmental Chemical Engineering</i> , <b>2022</b> , 10, 107634	6.8	1
4	Simultaneous removal of phosphorus and soluble organic pollutants by a novel organic/inorganic nanocomposite membrane via Zr(OH) <sub>4</sub> in-situ decoration. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2022</b> , 131, 104165	5.3	0
3	Interfacial engineering of bimetallic sulfides-based Al <sub>2</sub> O <sub>3</sub> pellets with remarkably boosted peroxymonosulfate activation. <i>Journal of Environmental Chemical Engineering</i> , <b>2022</b> , 10, 107605	6.8	0
2	Direct Detection of Potential Pyrethroids in Yangtze River via an Imprinted Multilayer Phosphorescence Probe. <i>Analytical Sciences</i> , <b>2018</b> , 34, 613-618	1.7	
1	Chelation Assembly of Cellulose Nanohydrogel onto Flower-Like Structured Foam with Underwater Superoleophobicity for Highly Efficient Oil/Water Separation. <i>Nano</i> , <b>2021</b> , 16, 2150061	1.1	