

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A biobased flame retardant towards improvement of flame retardancy and mechanical property of ethylene vinyl acetate. <i>Chinese Chemical Letters</i> , 2023, 34, 107202.	4.8	17
2	Facile preparation of Ag ₂ S/KTa _{0.5} Nb _{0.5} O ₃ heterojunction for enhanced performance in catalytic nitrogen fixation via photocatalysis and piezo-photocatalysis. <i>Green Energy and Environment</i> , 2023, 8, 1630-1643.	4.7	42
3	A novel in-situ micro-aeration functional membrane with excellent decoloration efficiency and antifouling performance. <i>Journal of Membrane Science</i> , 2022, 641, 119925.	4.1	101
4	Using simple and easy water quality parameters to predict trihalomethane occurrence in tap water. <i>Chemosphere</i> , 2022, 286, 131586.	4.2	52
5	Effective partial denitrification of biological effluent of landfill leachate for Anammox process: Start-up, influencing factors and stable operation. <i>Science of the Total Environment</i> , 2022, 807, 150975.	3.9	42
6	A new strategy to accelerate co-deposition of plant polyphenol and amine for fabrication of antibacterial nanofiltration membranes by in-situ grown Ag nanoparticles. <i>Separation and Purification Technology</i> , 2022, 280, 119866.	3.9	43
7	A novel composite membrane for simultaneous separation and catalytic degradation of oil/water emulsion with high performance. <i>Chemosphere</i> , 2022, 288, 132490.	4.2	65
8	A unified thermodynamic fouling mechanism based on forward osmosis membrane unique properties: An asymmetric structure and reverse solute diffusion. <i>Science of the Total Environment</i> , 2022, 808, 152219.	3.9	8
9	The promising NIR light-driven MO _{3-x} (M=Mo, W) photocatalysts for energy conversion and environmental remediation. <i>Chemical Engineering Journal</i> , 2022, 431, 134044.	6.6	24
10	Graphynes: ideal supports of single atoms for electrochemical energy conversion. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3905-3932.	5.2	21
11	In-situ growth of UiO-66-NH ₂ in porous polymeric substrates at room temperature for fabrication of mixed matrix membranes with fast molecular separation performance. <i>Chemical Engineering Journal</i> , 2022, 435, 134804.	6.6	13
12	Fundamental thermodynamic mechanisms of membrane fouling caused by transparent exopolymer particles (TEP) in water treatment. <i>Science of the Total Environment</i> , 2022, 820, 153252.	3.9	45
13	Thiophene insertion and lanthanum molybdate modification of g-C ₃ N ₄ for enhanced visible-light-driven photoactivity in tetracycline degradation. <i>Applied Surface Science</i> , 2022, 592, 153337.	3.1	21
14	Hot-pressed membrane assemblies enhancing the biofilm formation and nitrogen removal in a membrane-aerated biofilm reactor. <i>Science of the Total Environment</i> , 2022, 833, 155003.	3.9	6
15	Preparation of nickel@polyvinyl alcohol (PVA) conductive membranes to couple a novel electrocoagulation-membrane separation system for efficient oil-water separation. <i>Journal of Membrane Science</i> , 2022, 653, 120541.	4.1	52
16	Preparation of Ni@UiO-66 incorporated polyethersulfone (PES) membrane by magnetic field assisted strategy to improve permeability and photocatalytic self-cleaning ability. <i>Journal of Colloid and Interface Science</i> , 2022, 618, 483-495.	5.0	109
17	Novel platinum-bismuth alloy loaded KTa _{0.5} Nb _{0.5} O ₃ composite photocatalyst for effective nitrogen-to-ammonium conversion. <i>Journal of Colloid and Interface Science</i> , 2022, 618, 362-374.	5.0	51
18	Enzyme-mimicking single-atom FeN ₄ sites for enhanced photo-Fenton-like reactions. <i>Applied Catalysis B: Environmental</i> , 2022, 310, 121327.	10.8	57

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19	Novel catalytic self-cleaning membrane with peroxydisulfate activation for dual-function wastewater purification: Performance and mechanism. <i>Journal of Cleaner Production</i> , 2022, 355, 131858.	4.6	49
20	Precursor characteristics of mono-HAAs during chlorination and cytotoxicity of mono-HAAs on HEK-293T cells. <i>Chemosphere</i> , 2022, 301, 134689.	4.2	6
21	Novel membranes with extremely high permeability fabricated by 3D printing and nickel coating for oil/water separation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12055-12061.	5.2	89
22	Molecular level insights into the dynamic evolution of forward osmosis fouling via thermodynamic modeling and quantum chemistry calculation: Effect of protein/polysaccharide ratios. <i>Journal of Membrane Science</i> , 2022, 655, 120588.	4.1	13
23	Effects of polysaccharides' molecular structure on membrane fouling and the related mechanisms. <i>Science of the Total Environment</i> , 2022, 836, 155579.	3.9	41
24	Synergistic fouling behaviors and thermodynamic mechanisms of proteins and polysaccharides in forward osmosis: The unique role of reverse solute diffusion. <i>Desalination</i> , 2022, 536, 115850.	4.0	9
25	Membrane Photobioreactor Applied for Municipal Wastewater Treatment at a High Solids Retention Time: Effects of Microalgae Decay on Treatment Performance and Biomass Properties. <i>Membranes</i> , 2022, 12, 564.	1.4	8
26	Evaluation of membrane fouling in a microalgal-bacterial membrane photobioreactor: Effects of SRT. <i>Science of the Total Environment</i> , 2022, 839, 156414.	3.9	15
27	Mechanistic insights into Ca-alginate gel-associated membrane fouling affected by ethylene diamine tetraacetic acid (EDTA). <i>Science of the Total Environment</i> , 2022, 842, 156912.	3.9	38
28	Facile preparation of recyclable magnetic Ni@filter paper composite materials for efficient photocatalytic degradation of methyl orange. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 291-300.	5.0	65
29	A forced ignition probability analysis method using kernel formation analysis with turbulent transport and Lagrangian flame particle tracking. <i>Chinese Journal of Aeronautics</i> , 2021, 34, 403-415.	2.8	5
30	Plant polyphenol intermediated metal-organic framework (MOF) membranes for efficient desalination. <i>Journal of Membrane Science</i> , 2021, 618, 118726.	4.1	94
31	Enhancement of polychlorinated biphenyl biodegradation by resuscitation promoting factor (Rpf) and Rpf-responsive bacterial community. <i>Chemosphere</i> , 2021, 263, 128283.	4.2	55
32	Synergistic fouling behaviors and mechanisms of calcium ions and polyaluminum chloride associated with alginate solution in coagulation-ultrafiltration (UF) process. <i>Water Research</i> , 2021, 189, 116665.	5.3	191
33	Inkjet printing of dopamine followed by UV light irradiation to modify mussel-inspired PVDF membrane for efficient oil-water separation. <i>Journal of Membrane Science</i> , 2021, 619, 118790.	4.1	149
34	A novel Bi ₂ S ₃ /KTa _{0.75} Nb _{0.25} O ₃ nanocomposite with high efficiency for photocatalytic and piezocatalytic N ₂ fixation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13344-13354.	5.2	109
35	<i>In situ</i> conversion of ZnO into zeolitic imidazolate framework-8 in polyamide layers for well-structured high-permeance thin-film nanocomposite nanofiltration membranes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7684-7691.	5.2	43
36	Molecular Engineering toward Pyrrolic N-Rich Mn ₄ (M = Cr, Mn, Fe, Co, Cu) Single-Atom Sites for Enhanced Heterogeneous Fenton-Like Reaction. <i>Advanced Functional Materials</i> , 2021, 31, 2007877.	7.8	139

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37	Novel molecular level insights into forward osmosis membrane fouling affected by reverse diffusion of draw solutions based on thermodynamic mechanisms. <i>Journal of Membrane Science</i> , 2021, 620, 118815.	4.1	25
38	Cyclophosphamide induced physiological and biochemical changes in mice with an emphasis on sensitivity analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111889.	2.9	17
39	Simultaneously improving mechanical strength, hydrophobic property and flame retardancy of ethylene vinyl acetate copolymer/intumescent flame retardant/FeOOH by introducing modified fumed silica. <i>Materials Today Communications</i> , 2021, 26, 102114.	0.9	18
40	Novel Ferrocene Derivatives Induce G0/G1 Cell Cycle Arrest and Apoptosis through the Mitochondrial Pathway in Human Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3097.	1.8	6
41	Metal-phenolic network as precursor for fabrication of metal-organic framework (MOF) nanofiltration membrane for efficient desalination. <i>Journal of Membrane Science</i> , 2021, 624, 119101.	4.1	104
42	Enhanced permeability and antifouling performance of polyether sulfone (PES) membrane via elevating magnetic Ni@MXene nanoparticles to upper layer in phase inversion process. <i>Journal of Membrane Science</i> , 2021, 623, 119080.	4.1	130
43	Flame-retardant ethylene vinyl acetate composite materials by combining additions of aluminum hydroxide and melamine cyanurate: Preparation and characteristic evaluations. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 525-531.	5.0	72
44	New methods based on back propagation (BP) and radial basis function (RBF) artificial neural networks (ANNs) for predicting the occurrence of halo ketones in tap water. <i>Science of the Total Environment</i> , 2021, 772, 145534.	3.9	176
45	Effects of solids retention time on the biological performance of a novel microalgal-bacterial membrane photobioreactor for industrial wastewater treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105500.	3.3	11
46	Viable but Nonculturable State of Yeast <i>Candida</i> sp. Strain LN1 Induced by High Phenol Concentrations. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0111021.	1.4	45
47	Significantly Enhanced Photocatalytic CO ₂ Reduction by Surface Amorphization of Cocatalysts. <i>Small</i> , 2021, 17, e2102105.	5.2	34
48	Novel Ferrocene Derivatives Induce Apoptosis through Mitochondria-Dependent and Cell Cycle Arrest via PI3K/Akt/mTOR Signaling Pathway in T Cell Acute Lymphoblastic Leukemia. <i>Cancers</i> , 2021, 13, 4677.	1.7	8
49	Novel in-situ electroflotation driven by hydrogen evolution reaction (HER) with polypyrrole (PPy)-Ni-modified fabric membrane for efficient oil/water separation. <i>Journal of Membrane Science</i> , 2021, 635, 119502.	4.1	60
50	Thermodynamic mechanisms of membrane fouling during filtration of alginate solution in coagulation-ultrafiltration (UF) process in presence of different ionic strength and iron(III) ion concentration. <i>Journal of Membrane Science</i> , 2021, 635, 119532.	4.1	72
51	Plant polyphenols induced the synthesis of rich oxygen vacancies Co ₃ O ₄ /Co@N-doped carbon hollow nanomaterials for electrochemical energy storage and conversion. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 58-71.	5.0	32
52	Membrane fouling in a microalgal-bacterial membrane photobioreactor: Effects of P-availability controlled by N:P ratio. <i>Chemosphere</i> , 2021, 282, 131015.	4.2	15
53	Facile preparation of polyvinylidene fluoride substrate supported thin film composite polyamide nanofiltration: Effect of substrate pore size. <i>Journal of Membrane Science</i> , 2021, 638, 119699.	4.1	68
54	Improved thermal stability and heat-aging resistance of silicone rubber via incorporation of UiO-66-NH ₂ . <i>Materials Chemistry and Physics</i> , 2021, 274, 125182.	2.0	47

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55	Electroless Niâ€“Snâ€“P plating to fabricate nickel alloy coated polypropylene membrane with enhanced performance. <i>Journal of Membrane Science</i> , 2021, 640, 119820.	4.1	72
56	Facile synthesis of 2D TiO ₂ @MXene composite membrane with enhanced separation and antifouling performance. <i>Journal of Membrane Science</i> , 2021, 640, 119854.	4.1	154
57	Selective Apoptosis and Growth Impairment of Cancer Cells Induced by Human Telomerase Reverse Transcriptase (hTERT) Targeting Artificial MicroRNA. <i>Science of Advanced Materials</i> , 2021, 13, 1644-1656.	0.1	1
58	Precursors for brominated haloacetic acids during chlorination and a new useful indicator for bromine substitution factor. <i>Science of the Total Environment</i> , 2020, 698, 134250.	3.9	44
59	Fabrication of high-performance composite nanofiltration membranes for dye wastewater treatment: mussel-inspired layer-by-layer self-assembly. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 273-283.	5.0	170
60	In situ preparation of g-C ₃ N ₄ /Bi ₄ O ₅ I ₂ complex and its elevated photoactivity in Methyl Orange degradation under visible light. <i>Journal of Environmental Sciences</i> , 2020, 87, 149-162.	3.2	227
61	Molecular insights into the impacts of iron(III) ions on membrane fouling by alginate. <i>Chemosphere</i> , 2020, 242, 125232.	4.2	64
62	Manipulating the mussel-inspired co-deposition of tannic acid and amine for fabrication of nanofiltration membranes with an enhanced separation performance. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 23-34.	5.0	87
63	Quantification of interfacial energies associated with membrane fouling in a membrane bioreactor by using BP and GRNN artificial neural networks. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 1-10.	5.0	86
64	Dual active sites of the Co ₂ N and single-atom Coâ€“N ₄ embedded in nitrogen-rich nanocarbons: a robust electrocatalyst for oxygen reduction reactions. <i>Nanotechnology</i> , 2020, 31, 165401.	1.3	16
65	Preparation, characterization, and photocatalytic activity of novel AgBr/ZIF-8 composites for water purification. <i>Advanced Powder Technology</i> , 2020, 31, 439-447.	2.0	43
66	Membrane fouling by alginate in polyaluminum chloride (PACl) coagulation/microfiltration process: Molecular insights. <i>Separation and Purification Technology</i> , 2020, 236, 116294.	3.9	79
67	New insights into membrane fouling by alginate: Impacts of ionic strength in presence of calcium ions. <i>Chemosphere</i> , 2020, 246, 125801.	4.2	73
68	Magnetic field assisted preparation of PES-Ni@MWCNTs membrane with enhanced permeability and antifouling performance. <i>Chemosphere</i> , 2020, 243, 125446.	4.2	53
69	Filtration behaviors and fouling mechanisms of ultrafiltration process with polyacrylamide flocculation for water treatment. <i>Science of the Total Environment</i> , 2020, 703, 135540.	3.9	55
70	One-Pot and Surfactant-Free Synthesis of Ultrafine PtSn Nanoparticles Supported on Onion-Like Nanocarbons Toward Efficient Methanol and Ethylene Glycol Oxidation Reactions. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 2408-2415.	0.9	3
71	Pesticides in human milk collected from Jinhua, China: Levels, influencing factors and health risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111331.	2.9	18
72	Radial basis function artificial neural network (RBF ANN) as well as the hybrid method of RBF ANN and grey relational analysis able to well predict trihalomethanes levels in tap water. <i>Journal of Hydrology</i> , 2020, 591, 125574.	2.3	74

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73	The biological performance of a novel microalgal-bacterial membrane photobioreactor: Effects of HRT and N/P ratio. <i>Chemosphere</i> , 2020, 261, 128199.	4.2	48
74	What is the better choice for Pd cocatalysts for photocatalytic reduction of CO ₂ to renewable fuels: high-crystallinity or amorphous?. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21208-21218.	5.2	23
75	Effective decolorization of anthraquinone dye reactive blue 19 using immobilized <i>Bacillus</i> sp. JF4 isolated by resuscitation-promoting factor strategy. <i>Water Science and Technology</i> , 2020, 81, 1159-1169.	1.2	29
76	Magnetic field assisted arrangement of photocatalytic TiO ₂ particles on membrane surface to enhance membrane antifouling performance for water treatment. <i>Journal of Colloid and Interface Science</i> , 2020, 570, 273-285.	5.0	105
77	Advanced membrane bioreactor fouling control and prevention strategies. , 2020, , 209-224.		1
78	Facile fabrication of superhydrophilic nanofiltration membranes via tannic acid and irons layer-by-layer self-assembly for dye separation. <i>Applied Surface Science</i> , 2020, 515, 146063.	3.1	73
79	Polymeric Membranes Incorporated With ZnO Nanoparticles for Membrane Fouling Mitigation: A Brief Review. <i>Frontiers in Chemistry</i> , 2020, 8, 224.	1.8	74
80	A novel strategy based on magnetic field assisted preparation of magnetic and photocatalytic membranes with improved performance. <i>Journal of Membrane Science</i> , 2020, 612, 118378.	4.1	90
81	The complete mitochondrial genome of <i>Colochirus quadrangularis</i> (Dendrochirotida, Cucumariidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 1665-1666.	0.2	1
82	The complete mitochondrial genome of <i>Holothuria edulis</i> (Lesson, 1830) (Aspidochirotida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	0.2	1
83	Facile fabrication of novel Ag ₂ S/K-g-C ₃ N ₄ composite and its enhanced performance in photocatalytic H ₂ evolution. <i>Journal of Colloid and Interface Science</i> , 2020, 568, 117-129.	5.0	167
84	Inkjet printing assisted fabrication of polyphenol-based coating membranes for oil/water separation. <i>Chemosphere</i> , 2020, 250, 126236.	4.2	71
85	A high-performance hybrid supercapacitor with NiO derived NiO@Ni-MOF composite electrodes. <i>Electrochimica Acta</i> , 2020, 340, 135956.	2.6	157
86	Effects of molecular weight distribution of soluble microbial products (SMPs) on membrane fouling in a membrane bioreactor (MBR): Novel mechanistic insights. <i>Chemosphere</i> , 2020, 248, 126013.	4.2	97
87	Inkjet printing assisted electroless Ni plating to fabricate nickel coated polypropylene membrane with improved performance. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 546-554.	5.0	64
88	Pesticide residues in breast milk and the associated risk assessment: A review focused on China. <i>Science of the Total Environment</i> , 2020, 727, 138412.	3.9	49
89	Efficient degradation and mineralization of antibiotics via heterogeneous activation of peroxymonosulfate by using graphene supported single-atom Cu catalyst. <i>Chemical Engineering Journal</i> , 2020, 394, 124904.	6.6	117
90	In-situ coating TiO ₂ surface by plant-inspired tannic acid for fabrication of thin film nanocomposite nanofiltration membranes toward enhanced separation and antibacterial performance. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 114-121.	5.0	55

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91	Microwave heating preparation of phosphorus doped g-C ₃ N ₄ and its enhanced performance for photocatalytic H ₂ evolution in the help of Ag ₃ PO ₄ nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 14354-14367.	3.8	195
92	Rationally designed Ni ₂ P/Ni/C as a positive electrode for high-performance hybrid supercapacitors. <i>New Journal of Chemistry</i> , 2020, 44, 6810-6817.	1.4	20
93	Radial basis function artificial neural network able to accurately predict disinfection by-product levels in tap water: Taking haloacetic acids as a case study. <i>Chemosphere</i> , 2020, 248, 125999.	4.2	69
94	Different fouling propensities of loosely and tightly bound extracellular polymeric substances (EPSs) and the related fouling mechanisms in a membrane bioreactor. <i>Chemosphere</i> , 2020, 255, 126953.	4.2	112
95	Effective biological nitrogen process and nitrous oxide emission characteristics for the treatment of landfill leachate with low carbon-to-nitrogen ratio. <i>Journal of Cleaner Production</i> , 2020, 268, 122289.	4.6	16
96	Membrane fouling caused by biological foams in a submerged membrane bioreactor: Mechanism insights. <i>Water Research</i> , 2020, 181, 115932.	5.3	189
97	Environmentally relevant concentrations of arsenite induces developmental toxicity and oxidative responses in the early life stage of zebrafish. <i>Environmental Pollution</i> , 2019, 254, 113022.	3.7	29
98	Enhanced catalytic degradation of bisphenol A by hemin-MOFs supported on boron nitride via the photo-assisted heterogeneous activation of persulfate. <i>Separation and Purification Technology</i> , 2019, 229, 115822.	3.9	68
99	Aerobic degradation of 3,3',4,4'-tetrachlorobiphenyl by a resuscitated strain <i>Castellaniella</i> sp. SPC4: Kinetics model and pathway for biodegradation. <i>Science of the Total Environment</i> , 2019, 688, 917-925.	3.9	40
100	Application of radial basis function artificial neural network to quantify interfacial energies related to membrane fouling in a membrane bioreactor. <i>Bioresource Technology</i> , 2019, 293, 122103.	4.8	74
101	Organic dye doped graphitic carbon nitride with a tailored electronic structure for enhanced photocatalytic hydrogen production. <i>Catalysis Science and Technology</i> , 2019, 9, 502-508.	2.1	45
102	Membrane technologies for microalgal cultivation and dewatering: Recent progress and challenges. <i>Algal Research</i> , 2019, 44, 101686.	2.4	49
103	Principle and control strategy of pulse width modulation rectifier for hydraulic power generation system. <i>Renewable Energy</i> , 2019, 135, 1200-1206.	4.3	10
104	Factors influencing DBPs occurrence in tap water of Jinhua Region in Zhejiang Province, China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 813-822.	2.9	53
105	Whole-genome sequencing of an acidophilic <i>Rhodotorula</i> sp. ZM1 and its phenol-degrading capability under acidic conditions. <i>Chemosphere</i> , 2019, 232, 76-86.	4.2	36
106	Effects of surface morphology on alginate adhesion: Molecular insights into membrane fouling based on XDLVO and DFT analysis. <i>Chemosphere</i> , 2019, 233, 373-380.	4.2	76
107	Effectively H ₂ generation over CdS/KTa _{0.75} Nb _{0.25} O ₃ composite via water splitting. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 622-632.	5.0	30
108	A facile method to modify polypropylene membrane by polydopamine coating via inkjet printing technique for superior performance. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 719-727.	5.0	34

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109	Bacterial community shifts evaluation in the sediments of Puyang River and its nitrogen removal capabilities exploration by resuscitation promoting factor. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 188-197.	2.9	54
110	Electric field endowing the conductive polyvinylidene fluoride (PVDF)-graphene oxide (GO)-nickel (Ni) membrane with high-efficient performance for dye wastewater treatment. <i>Applied Surface Science</i> , 2019, 483, 1006-1016.	3.1	72
111	Chronic exposure to dichloroacetamide induces biochemical and histopathological changes in the gills of zebrafish. <i>Environmental Toxicology</i> , 2019, 34, 781-787.	2.1	15
112	Characterization of foaming and non-foaming sludge relating to aeration and the implications for membrane fouling control in submerged membrane bioreactors. <i>Journal of Water Process Engineering</i> , 2019, 28, 250-259.	2.6	18
113	Facile preparation of polyacrylonitrile-co-methylacrylate based integrally skinned asymmetric nanofiltration membranes for sustainable molecular separation: An one-step method. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 251-261.	5.0	24
114	Prediction of interfacial interactions related with membrane fouling in a membrane bioreactor based on radial basis function artificial neural network (ANN). <i>Bioresource Technology</i> , 2019, 282, 262-268.	4.8	105
115	A conductive PVDF-Ni membrane with superior rejection, permeance and antifouling ability via electric assisted in-situ aeration for dye separation. <i>Journal of Membrane Science</i> , 2019, 581, 401-412.	4.1	107
116	Fabrication of hydrophilic and antibacterial poly(vinylidene fluoride) based separation membranes by a novel strategy combining radiation grafting of poly(acrylic acid) (PAA) and electroless nickel plating. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 64-75.	5.0	45
117	In-situ synthesis of AgNbO ₃ /g-C ₃ N ₄ photocatalyst via microwave heating method for efficiently photocatalytic H ₂ generation. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 163-171.	5.0	174
118	Preparation and characterization of ethylene-vinyl acetate copolymer (EVA)-magnesium hydroxide (MH)-hexaphenoxycyclotriphosphazene (HPCTP) composite flame-retardant materials. <i>Polymer Bulletin</i> , 2019, 76, 2399-2410.	1.7	24
119	Rapid fabrication of KTa _{0.75} Nb _{0.25} /g-C ₃ N ₄ composite via microwave heating for efficient photocatalytic H ₂ evolution. <i>Fuel</i> , 2019, 241, 1-11.	3.4	101
120	The toxicity of 2,6-dichlorobenzoquinone on the early life stage of zebrafish: A survey on the endpoints at developmental toxicity, oxidative stress, genotoxicity and cytotoxicity. <i>Environmental Pollution</i> , 2019, 245, 719-724.	3.7	40
121	A unified thermodynamic mechanism underlying fouling behaviors of soluble microbial products (SMPs) in a membrane bioreactor. <i>Water Research</i> , 2019, 149, 477-487.	5.3	203
122	Novel insights into membrane fouling caused by gel layer in a membrane bioreactor: Effects of hydrogen bonding. <i>Bioresource Technology</i> , 2019, 276, 219-225.	4.8	65
123	Insight into the mechanisms for hexavalent chromium reduction and sulfisoxazole degradation catalyzed by graphitic carbon nitride: The Yin and Yang in the photo-assisted processes. <i>Chemosphere</i> , 2019, 221, 166-174.	4.2	63
124	Ultrathin graphene layer activated dendritic Fe ₂ O ₃ for high performance asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2019, 780, 212-219.	2.8	26
125	Novel conductive membranes breaking through the selectivity-permeability trade-off for Congo red removal. <i>Separation and Purification Technology</i> , 2019, 211, 368-376.	3.9	82
126	Impact of resuscitation promoting factor (Rpf) in membrane bioreactor treating high-saline phenolic wastewater: Performance robustness and Rpf-responsive bacterial populations. <i>Chemical Engineering Journal</i> , 2019, 357, 715-723.	6.6	73

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127	Modelling Turbulent Transport Effects on the Formation Probability of Flame Kernel in Ignition Process. , 2019, , .		2
128	Synthesis of carbon-doped KNbO ₃ photocatalyst with excellent performance for photocatalytic hydrogen production. Solar Energy Materials and Solar Cells, 2018, 179, 45-56.	3.0	163
129	Synthesis of KNbO ₃ /g-C ₃ N ₄ composite and its new application in photocatalytic H ₂ generation under visible light irradiation. Journal of Materials Science, 2018, 53, 7453-7465.	1.7	57
130	Mechanism analyses of high specific filtration resistance of gel and roles of gel elasticity related with membrane fouling in a membrane bioreactor. Bioresource Technology, 2018, 257, 39-46.	4.8	75
131	A New Approach of Rpf Addition to Explore Bacterial Consortium for Enhanced Phenol Degradation Under High Salinity Conditions. Current Microbiology, 2018, 75, 1046-1054.	1.0	22
132	A novel integrated method for quantification of interfacial interactions between two rough bioparticles. Journal of Colloid and Interface Science, 2018, 516, 295-303.	5.0	24
133	A new strategy to produce low-density polyethylene (LDPE)-based composites simultaneously with high flame retardancy and high mechanical properties. Applied Surface Science, 2018, 437, 75-81.	3.1	22
134	A facile strategy to prepare superhydrophilic polyvinylidene fluoride (PVDF) based membranes and the thermodynamic mechanisms underlying the improved performance. Separation and Purification Technology, 2018, 197, 271-280.	3.9	20
135	Resuscitation of functional bacterial community for enhancing biodegradation of phenol under high salinity conditions based on Rpf. Bioresource Technology, 2018, 261, 394-402.	4.8	47
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