

# Hongjun Lin

## List of Publications by Year in descending order

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253  
papers

15,855  
citations

11639

70  
h-index

25770

108  
g-index

253  
all docs

253  
docs citations

253  
times ranked

10360  
citing authors

#	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 <sub>2</sub> S/KTa <sub>0.5</sub> Nb <sub>0.5</sub> O <sub>3</sub> 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	Identification of heavy metal ions from aqueous environment through gold, Silver and Copper Nanoparticles: An excellent colorimetric approach. <i>Environmental Research</i> , 2022, 205, 112475.	3.7	79
9	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
10	The promising NIR light-driven MO <sub>3-x</sub> (M=Mo, W) photocatalysts for energy conversion and environmental remediation. <i>Chemical Engineering Journal</i> , 2022, 431, 134044.	6.6	24
11	Layered Co doped MnO <sub>2</sub> with abundant oxygen defects to boost aqueous zinc-ion storage. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 662-669.	5.0	19
12	Graphynes: ideal supports of single atoms for electrochemical energy conversion. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3905-3932.	5.2	21
13	In-situ growth of UiO-66-NH <sub>2</sub> 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
14	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
15	Stacking Engineering of Semiconductor Heterojunctions on Hollow Carbon Spheres for Boosting Photocatalytic CO <sub>2</sub> Reduction. <i>ACS Catalysis</i> , 2022, 12, 2569-2580.	5.5	86
16	Thiophene insertion and lanthanum molybdate modification of g-C <sub>3</sub> N <sub>4</sub> for enhanced visible-light-driven photoactivity in tetracycline degradation. <i>Applied Surface Science</i> , 2022, 592, 153337.	3.1	21
17	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
18	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

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19	Pressure-assisted polydopamine modification of thin-film composite reverse osmosis membranes for enhanced desalination and antifouling performance. <i>Desalination</i> , 2022, 530, 115671.	4.0	29
20	Ultrasound-assisted catalytic activation of peroxydisulfate on Ti <sub>3</sub> GeC <sub>2</sub> MAX phase for efficient removal of hazardous pollutants. <i>Materials Today Chemistry</i> , 2022, 24, 100818.	1.7	32
21	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
22	Novel platinum-bismuth alloy loaded KTa <sub>0.5</sub> Nb <sub>0.5</sub> O <sub>3</sub> composite photocatalyst for effective nitrogen-to-ammonium conversion. <i>Journal of Colloid and Interface Science</i> , 2022, 618, 362-374.	5.0	51
23	Enzyme-mimicking single-atom FeN <sub>4</sub> sites for enhanced photo-Fenton-like reactions. <i>Applied Catalysis B: Environmental</i> , 2022, 310, 121327.	10.8	57
24	Novel catalytic self-cleaning membrane with peroxymonosulfate activation for dual-function wastewater purification: Performance and mechanism. <i>Journal of Cleaner Production</i> , 2022, 355, 131858.	4.6	49
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	Plant polyphenol intermediated metal-organic framework (MOF) membranes for efficient desalination. <i>Journal of Membrane Science</i> , 2021, 618, 118726.	4.1	94
35	Enhancement of polychlorinated biphenyl biodegradation by resuscitation promoting factor (Rpf) and Rpf-responsive bacterial community. <i>Chemosphere</i> , 2021, 263, 128283.	4.2	55
36	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

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37	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
38	A novel Bi <sub>2</sub> S <sub>3</sub> /KTa <sub>0.75</sub> Nb <sub>0.25</sub> O <sub>3</sub> nanocomposite with high efficiency for photocatalytic and piezocatalytic N <sub>2</sub> fixation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13344-13354.	5.2	109
39	<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
40	Molecular Engineering toward Pyrrolic N-Rich M <sub>4</sub> (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
41	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
42	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
43	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
44	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
45	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
46	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
47	New methods based on back propagation (BP) and radial basis function (RBF) artificial neural networks (ANNs) for predicting the occurrence of haloketones in tap water. <i>Science of the Total Environment</i> , 2021, 772, 145534.	3.9	176
48	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
49	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
50	Significantly Enhanced Photocatalytic CO <sub>2</sub> Reduction by Surface Amorphization of Cocatalysts. <i>Small</i> , 2021, 17, e2102105.	5.2	34
51	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
52	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
53	Plant polyphenols induced the synthesis of rich oxygen vacancies Co <sub>3</sub> O <sub>4</sub> /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
54	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

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55	Mo-doped Co <sub>3</sub> O <sub>4</sub> ultrathin nanosheet arrays anchored on nickel foam as a bi-functional electrode for supercapacitor and overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 355-366.	5.0	61
56	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
57	Improved thermal stability and heat-aging resistance of silicone rubber via incorporation of UiO-66-NH <sub>2</sub> . <i>Materials Chemistry and Physics</i> , 2021, 274, 125182.	2.0	47
58	Electroless Ni–Sn–P plating to fabricate nickel alloy coated polypropylene membrane with enhanced performance. <i>Journal of Membrane Science</i> , 2021, 640, 119820.	4.1	72
59	Facile synthesis of 2D TiO <sub>2</sub> @MXene composite membrane with enhanced separation and antifouling performance. <i>Journal of Membrane Science</i> , 2021, 640, 119854.	4.1	154
60	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
61	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
62	In situ preparation of g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>4</sub> O <sub>5</sub> I <sub>2</sub> 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
63	Molecular insights into the impacts of iron(III) ions on membrane fouling by alginate. <i>Chemosphere</i> , 2020, 242, 125232.	4.2	64
64	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
65	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
66	Dual active sites of the Co <sub>2</sub> N and single-atom Co <sub>4</sub> N embedded in nitrogen-rich nanocarbons: a robust electrocatalyst for oxygen reduction reactions. <i>Nanotechnology</i> , 2020, 31, 165401.	1.3	16
67	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
68	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
69	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
70	Magnetic field assisted preparation of PES-Ni@MWCNTs membrane with enhanced permeability and antifouling performance. <i>Chemosphere</i> , 2020, 243, 125446.	4.2	53
71	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
72	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

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73	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
74	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
75	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
76	What is the better choice for Pd cocatalysts for photocatalytic reduction of CO <sub>2</sub> to renewable fuels: high-crystallinity or amorphous?. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21208-21218.	5.2	23
77	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
78	Magnetic field assisted arrangement of photocatalytic TiO <sub>2</sub> 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
79	Advanced membrane bioreactor fouling control and prevention strategies. , 2020, , 209-224.		1
80	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
81	Polymeric Membranes Incorporated With ZnO Nanoparticles for Membrane Fouling Mitigation: A Brief Review. <i>Frontiers in Chemistry</i> , 2020, 8, 224.	1.8	74
82	Semi-sacrificial template synthesis of single-atom Ni sites supported on hollow carbon nanospheres for efficient and stable electrochemical CO <sub>2</sub> reduction. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1719-1725.	3.0	31
83	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
84	Facile fabrication of novel Ag <sub>2</sub> S/K-g-C <sub>3</sub> N <sub>4</sub> composite and its enhanced performance in photocatalytic H <sub>2</sub> evolution. <i>Journal of Colloid and Interface Science</i> , 2020, 568, 117-129.	5.0	167
85	Inkjet printing assisted fabrication of polyphenol-based coating membranes for oil/water separation. <i>Chemosphere</i> , 2020, 250, 126236.	4.2	71
86	A high-performance hybrid supercapacitor with NiO derived NiO@Ni-MOF composite electrodes. <i>Electrochimica Acta</i> , 2020, 340, 135956.	2.6	157
87	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
88	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
89	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
90	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

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91	In-situ coating TiO <sub>2</sub> 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
92	Microwave heating preparation of phosphorus doped g-C <sub>3</sub> N <sub>4</sub> and its enhanced performance for photocatalytic H <sub>2</sub> evolution in the help of Ag <sub>3</sub> PO <sub>4</sub> nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 14354-14367.	3.8	195
93	Rationally designed Ni <sub>2</sub> 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
94	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
95	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
96	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
97	Membrane fouling caused by biological foams in a submerged membrane bioreactor: Mechanism insights. <i>Water Research</i> , 2020, 181, 115932.	5.3	189
98	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
99	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
100	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
101	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
102	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
103	Membrane technologies for microalgal cultivation and dewatering: Recent progress and challenges. <i>Algal Research</i> , 2019, 44, 101686.	2.4	49
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 <sub>2</sub> generation over CdS/KTa <sub>0.75</sub> Nb <sub>0.25</sub> O <sub>3</sub> 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 <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> photocatalyst via microwave heating method for efficiently photocatalytic H <sub>2</sub> 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 <sub>0.75</sub> Nb <sub>0.25</sub> /g-C <sub>3</sub> N <sub>4</sub> composite via microwave heating for efficient photocatalytic H <sub>2</sub> 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	Nitrogen Doped Nanoporous Carbon Derived from <i>Zizania Latifolia</i> for Adsorptive Removal of Bisphenol A. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 1026-1034.	0.9	4
125	Ultrathin graphene layer activated dendritic Fe <sub>2</sub> O <sub>3</sub> for high performance asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2019, 780, 212-219.	2.8	26
126	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



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127	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
128	Adsorption of U(VI) by boron nitride-supported iron phosphotungstate: an experimental and mechanism study. <i>Scientia Sinica Chimica</i> , 2019, 49, 123-132.	0.2	0
129	Synthesis of carbon-doped KNbO <sub>3</sub> photocatalyst with excellent performance for photocatalytic hydrogen production. <i>Solar Energy Materials and Solar Cells</i> , 2018, 179, 45-56.	3.0	163
130	Synthesis of KNbO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> composite and its new application in photocatalytic H <sub>2</sub> generation under visible light irradiation. <i>Journal of Materials Science</i> , 2018, 53, 7453-7465.	1.7	57
131	Mechanism analyses of high specific filtration resistance of gel and roles of gel elasticity related with membrane fouling in a membrane bioreactor. <i>Bioresource Technology</i> , 2018, 257, 39-46.	4.8	75
132	A New Approach of Rpf Addition to Explore Bacterial Consortium for Enhanced Phenol Degradation Under High Salinity Conditions. <i>Current Microbiology</i> , 2018, 75, 1046-1054.	1.0	22
133	A novel integrated method for quantification of interfacial interactions between two rough bioparticles. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 295-303.	5.0	24
134	A new strategy to produce low-density polyethylene (LDPE)-based composites simultaneously with high flame retardancy and high mechanical properties. <i>Applied Surface Science</i> , 2018, 437, 75-81.	3.1	22
135	A facile strategy to prepare superhydrophilic polyvinylidene fluoride (PVDF) based membranes and the thermodynamic mechanisms underlying the improved performance. <i>Separation and Purification Technology</i> , 2018, 197, 271-280.	3.9	20
136	Resuscitation of functional bacterial community for enhancing biodegradation of phenol under high salinity conditions based on Rpf. <i>Bioresource Technology</i> , 2018, 261, 394-402.	4.8	47
137	Resuscitation of viable but non-culturable bacteria to enhance the cellulose-degrading capability of bacterial community in composting. <i>Microbial Biotechnology</i> , 2018, 11, 527-536.	2.0	32
138	Giant enhancement of photocatalytic H <sub>2</sub> production over KNbO <sub>3</sub> photocatalyst obtained via carbon doping and MoS <sub>2</sub> decoration. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 4347-4354.	3.8	91
139	Enhanced visible-light-driven photocatalysis from WS <sub>2</sub> quantum dots coupled to BiOCl nanosheets: synergistic effect and mechanism insight. <i>Catalysis Science and Technology</i> , 2018, 8, 201-209.	2.1	95
140	Developing predictive models for toxicity of organic chemicals to green algae based on mode of action. <i>Chemosphere</i> , 2018, 190, 463-470.	4.2	42
141	A facile method for simulating randomly rough membrane surface associated with interface behaviors. <i>Applied Surface Science</i> , 2018, 427, 915-921.	3.1	52
142	Mechanistic insights into alginate fouling caused by calcium ions based on terahertz time-domain spectra analyses and DFT calculations. <i>Water Research</i> , 2018, 129, 337-346.	5.3	168
143	Simulation of foulant bioparticle topography based on Gaussian process and its implications for interface behavior research. <i>Applied Surface Science</i> , 2018, 434, 975-981.	3.1	13
144	New insights into bisphenols removal by nitrogen-rich nanocarbons: Synergistic effect between adsorption and oxidative degradation. <i>Journal of Hazardous Materials</i> , 2018, 345, 123-130.	6.5	93

#	ARTICLE	IF	CITATIONS
145	Rapid and energy-efficient preparation of boron doped g-C <sub>3</sub> N <sub>4</sub> with excellent performance in photocatalytic H <sub>2</sub> -evolution. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 19984-19989.	3.8	137
146	Formation of disinfection by-products during chlorination of organic matter from phoenix tree leaves and <i>Chlorella vulgaris</i> . <i>Environmental Pollution</i> , 2018, 243, 1887-1893.	3.7	37
147	Novel Ternary MoS <sub>2</sub> /C-ZnO Composite with Efficient Performance in Photocatalytic NH <sub>3</sub> Synthesis under Simulated Sunlight. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14866-14879.	3.2	67
148	Computational Insight into the Activation Mechanism of Carcinogenic <i>N</i> -Nitrosornicotine (NNN) Catalyzed by Cytochrome P450. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11838-11847.	4.6	7
149	Sustainable biodegradation of phenol by immobilized <i>Bacillus</i> sp. SAS19 with porous carbonaceous gels as carriers. <i>Journal of Environmental Management</i> , 2018, 222, 185-189.	3.8	68
150	Thermodynamic insights into membrane fouling in a membrane bioreactor: Evaluating thermodynamic interactions with Gaussian membrane surface. <i>Journal of Colloid and Interface Science</i> , 2018, 527, 280-288.	5.0	5
151	Novel carbon modified KTa <sub>0.75</sub> Nb <sub>0.25</sub> O <sub>3</sub> nanocubes with excellent efficiency in photocatalytic H <sub>2</sub> evolution. <i>Fuel</i> , 2018, 233, 486-496.	3.4	33
152	Regression models evaluating THMs, HAAs and HANs formation upon chloramination of source water collected from Yangtze River Delta Region, China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 249-256.	2.9	35
153	New strategy of grafting hydroxyethyl acrylate (HEA) via <sup>137</sup> Cs ray radiation to modify polyvinylidene fluoride (PVDF) membrane: Thermodynamic mechanisms of the improved antifouling performance. <i>Separation and Purification Technology</i> , 2018, 207, 83-91.	3.9	32
154	Novel insights into membrane fouling in a membrane bioreactor: Elucidating interfacial interactions with real membrane surface. <i>Chemosphere</i> , 2018, 210, 769-778.	4.2	97
155	Impacts of morphology on fouling propensity in a membrane bioreactor based on thermodynamic analyses. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 282-290.	5.0	9
156	A novel strategy to develop antifouling and antibacterial conductive Cu/polydopamine/polyvinylidene fluoride membranes for water treatment. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 493-501.	5.0	68
157	Development and evaluation of predictive model for bovine serum albumin-water partition coefficients of neutral organic chemicals. <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 92-97.	2.9	6
158	Quantification of interfacial interactions between a rough sludge floc and membrane surface in a membrane bioreactor. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 710-718.	5.0	69
159	The enhanced compatibility and flame retarding ability of UHMWPE-MH composites by adding phenoxycyclophosphazene (HPCTP). <i>Polymer Bulletin</i> , 2017, 74, 3639-3655.	1.7	10
160	Thermodynamic assessment of adsorptive fouling with the membranes modified via layer-by-layer self-assembly technique. <i>Journal of Colloid and Interface Science</i> , 2017, 494, 194-203.	5.0	21
161	Quantitative evaluation of the interfacial interactions between a randomly rough sludge floc and membrane surface in a membrane bioreactor based on fractal geometry. <i>Bioresource Technology</i> , 2017, 234, 198-207.	4.8	19
162	The observation of PP/EVA blends in which isotactic PP was preradiated with different radiation absorbed doses. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45057.	1.3	3

#	ARTICLE	IF	CITATIONS
163	Magnetic ZnFe <sub>2</sub> O <sub>4</sub> @chitosan encapsulated in graphene oxide for adsorptive removal of organic dye. RSC Advances, 2017, 7, 28145-28151.	1.7	22
164	Facile large scale fabrication of magnetic carbon nano-onions for efficient removal of bisphenol A. Materials Chemistry and Physics, 2017, 198, 186-192.	2.0	33
165	Membrane fouling in a submerged membrane bioreactor: New method and its applications in interfacial interaction quantification. Bioresource Technology, 2017, 241, 406-414.	4.8	36
166	Influences of fractal dimension of membrane surface on interfacial interactions related to membrane fouling in a membrane bioreactor. Journal of Colloid and Interface Science, 2017, 500, 79-87.	5.0	28
167	Bromine incorporation into five DBP classes upon chlorination of water with extremely low SUVA values. Science of the Total Environment, 2017, 590-591, 720-728.	3.9	39
168	Realization of quantifying interfacial interactions between a randomly rough membrane surface and a foulant particle. Bioresource Technology, 2017, 226, 220-228.	4.8	77
169	Effect of calcium ions on fouling properties of alginate solution and its mechanisms. Journal of Membrane Science, 2017, 525, 320-329.	4.1	131
170	Thermophilic membrane bioreactors: A review. Bioresource Technology, 2017, 243, 1180-1193.	4.8	42
171	Membrane fouling in a submerged membrane bioreactor: An unified approach to construct topography and to evaluate interaction energy between two randomly rough surfaces. Bioresource Technology, 2017, 243, 1121-1132.	4.8	11
172	Effects of fractal roughness of membrane surfaces on interfacial interactions associated with membrane fouling in a membrane bioreactor. Bioresource Technology, 2017, 244, 560-568.	4.8	31
173	Quantitative assessment of interfacial forces between two rough surfaces and its implications for anti-adhesion membrane fabrication. Separation and Purification Technology, 2017, 189, 238-245.	3.9	23
174	Surface modification of polyvinylidene fluoride (PVDF) membrane via radiation grafting: novel mechanisms underlying the interesting enhanced membrane performance. Scientific Reports, 2017, 7, 2721.	1.6	80
175	Physicochemical correlations between membrane surface hydrophilicity and adhesive fouling in membrane bioreactors. Journal of Colloid and Interface Science, 2017, 505, 900-909.	5.0	56
176	Novel indicators for thermodynamic prediction of interfacial interactions related with adhesive fouling in a membrane bioreactor. Journal of Colloid and Interface Science, 2017, 487, 320-329.	5.0	43
177	Facile synthesis of Fe <sub>3</sub> O <sub>4</sub> -graphene@mesoporous SiO <sub>2</sub> nanocomposites for efficient removal of Methylene Blue. Applied Surface Science, 2016, 378, 80-86.	3.1	88
178	Influences of acid-base property of membrane on interfacial interactions related with membrane fouling in a membrane bioreactor based on thermodynamic assessment. Bioresource Technology, 2016, 214, 355-362.	4.8	23
179	A new approach to construct three-dimensional surface morphology of sludge flocs in a membrane bioreactor. Bioresource Technology, 2016, 219, 521-526.	4.8	20
180	Mechanisms of arsenic disruption on gonadal, adrenal and thyroid endocrine systems in humans: A review. Environment International, 2016, 95, 61-68.	4.8	78

#	ARTICLE	IF	CITATIONS
181	In-situ preparation of Z-scheme AgI/Bi <sub>5</sub> O <sub>7</sub> I hybrid and its excellent photocatalytic activity. Applied Surface Science, 2016, 387, 912-920.	3.1	101
182	Bamboo-like carbon nanotubes derived from colloidal polymer nanoplates for efficient removal of bisphenol A. Journal of Materials Chemistry A, 2016, 4, 15450-15456.	5.2	55
183	Developing QSPR model of gas/particle partition coefficients of neutral poly-/perfluoroalkyl substances. Atmospheric Environment, 2016, 143, 270-277.	1.9	10
184	Preparation, characterization, and photocatalytic activity of CdV <sub>2</sub> O <sub>6</sub> nanorods decorated g-C <sub>3</sub> N <sub>4</sub> composite. Journal of Molecular Catalysis A, 2016, 423, 240-247.	4.8	16
185	Tuning anti-adhesion ability of membrane for a membrane bioreactor by thermodynamic analysis. Bioresource Technology, 2016, 216, 691-698.	4.8	18
186	A novel insight into membrane fouling mechanism regarding gel layer filtration: Flory-Huggins based filtration mechanism. Scientific Reports, 2016, 6, 33343.	1.6	31
187	Modeling three-dimensional surface morphology of biofouling layer in a membrane bioreactor based on fractal geometry. Bioresource Technology, 2016, 222, 478-484.	4.8	24
188	Membrane fouling in a membrane bioreactor: A novel method for membrane surface morphology construction and its application in interaction energy assessment. Journal of Membrane Science, 2016, 516, 135-143.	4.1	53
189	Fractal reconstruction of rough membrane surface related with membrane fouling in a membrane bioreactor. Bioresource Technology, 2016, 216, 817-823.	4.8	37
190	Membrane fouling in a membrane bioreactor: High filtration resistance of gel layer and its underlying mechanism. Water Research, 2016, 102, 82-89.	5.3	209
191	Using regression models to evaluate the formation of trihalomethanes and haloacetonitriles via chlorination of source water with low SUVA values in the Yangtze River Delta region, China. Environmental Geochemistry and Health, 2016, 38, 1303-1312.	1.8	30
192	Thermodynamic analysis of effects of contact angle on interfacial interactions and its implications for membrane fouling control. Bioresource Technology, 2016, 201, 245-252.	4.8	30
193	Effects of surface charge on interfacial interactions related to membrane fouling in a submerged membrane bioreactor based on thermodynamic analysis. Journal of Colloid and Interface Science, 2016, 465, 33-41.	5.0	39
194	A new method for modeling rough membrane surface and calculation of interfacial interactions. Bioresource Technology, 2016, 200, 451-457.	4.8	66
195	Effect of nitrite on the formation of halonitromethanes during chlorination of organic matter from different origin. Journal of Hydrology, 2015, 531, 802-809.	2.3	24
196	A small molecular agent YL529 inhibits VEGF-D-induced lymphangiogenesis and metastasis in preclinical tumor models in addition to its known antitumor activities. BMC Cancer, 2015, 15, 525.	1.1	5
197	<i>In Silico</i> Investigation of the Thyroid Hormone Activity of Hydroxylated Polybrominated Diphenyl Ethers. Chemical Research in Toxicology, 2015, 28, 1538-1545.	1.7	22
198	Quantitative assessment of interfacial interactions with rough membrane surface and its implications for membrane selection and fabrication in a MBR. Bioresource Technology, 2015, 179, 367-372.	4.8	18

#	ARTICLE	IF	CITATIONS
199	Influence of membrane surface roughness on interfacial interactions with sludge flocs in a submerged membrane bioreactor. <i>Journal of Colloid and Interface Science</i> , 2015, 446, 84-90.	5.0	44
200	Enhanced visible-light photoactivity of g-C <sub>3</sub> N <sub>4</sub> via Zn <sub>2</sub> SnO <sub>4</sub> modification. <i>Applied Surface Science</i> , 2015, 329, 143-149.	3.1	53
201	YLT192, a Novel, Orally Active Bioavailable Inhibitor of VEGFR2 Signaling with Potent Antiangiogenic Activity and Antitumor Efficacy in Preclinical Models. <i>Scientific Reports</i> , 2015, 4, 6031.	1.6	31
202	Fabrication, characterization and photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> coupled with FeVO <sub>4</sub> nanorods. <i>RSC Advances</i> , 2015, 5, 27933-27939.	1.7	38
203	Fabrication and characterization of hollow CdMoO <sub>4</sub> coupled g-C <sub>3</sub> N <sub>4</sub> heterojunction with enhanced photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2015, 299, 333-342.	6.5	104
204	Effects of molecular weight distribution (Md) on the performances of the polyethersulfone (PES) ultrafiltration membranes. <i>Journal of Membrane Science</i> , 2015, 490, 220-226.	4.1	24
205	Biocompatible G-Fe <sub>3</sub> O <sub>4</sub> /CA nanocomposites for the removal of Methylene Blue. <i>Journal of Molecular Liquids</i> , 2015, 212, 63-69.	2.3	53
206	Modeling and predicting pKa values of mono-hydroxylated polychlorinated biphenyls (HO-PCBs) and polybrominated diphenyl ethers (HO-PBDEs) by local molecular descriptors. <i>Chemosphere</i> , 2015, 138, 829-836.	4.2	14
207	Effects of hydrophilicity/hydrophobicity of membrane on membrane fouling in a submerged membrane bioreactor. <i>Bioresource Technology</i> , 2015, 175, 59-67.	4.8	130
208	Use of multiple regression models to evaluate the formation of halonitromethane via chlorination/chloramination of water from Tai Lake and the Qiantang River, China. <i>Chemosphere</i> , 2015, 119, 540-546.	4.2	39
209	A review on predicting $\log K_{ow}$ values of small organic compounds. <i>Chinese Science Bulletin</i> , 2015, 60, 1261-1271.	0.4	1
210	Effects of Van Der Waals Surface Energy on Membrane Fouling in a Submerged Membrane Bioreactor (MBR). <i>Current Environmental Engineering</i> , 2015, 2, 50-55.	0.6	1
211	Pollutant removal and membrane fouling in an anaerobic submerged membrane bioreactor for real sewage treatment. <i>Water Science and Technology</i> , 2014, 69, 1712-1719.	1.2	40
212	Validation of a high-performance liquid chromatographic ultraviolet detection method for the quantification of vandetanib in rat plasma and its application to pharmacokinetic studies. <i>Journal of Cancer Research and Therapeutics</i> , 2014, 10, 84.	0.3	9
213	Adsorption of Methyl Violet Onto Mesoporous MCM-48 from Aqueous Solution. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 4655-4663.	0.9	9
214	Preparation, characterization and photocatalytic activity of graphene doped SmVO <sub>4</sub> photocatalyst. <i>Materials Letters</i> , 2014, 122, 17-20.	1.3	9
215	Membrane fouling in a submerged membrane bioreactor: Effect of pH and its implications. <i>Bioresource Technology</i> , 2014, 152, 7-14.	4.8	44
216	Effects of ionic strength on membrane fouling in a membrane bioreactor. <i>Bioresource Technology</i> , 2014, 156, 35-41.	4.8	35

#	ARTICLE	IF	CITATIONS
217	A comparative study on the photocatalytic activities of two visible-light plasmonic photocatalysts: AgCl-SmVO <sub>4</sub> and AgI-SmVO <sub>4</sub> composites. <i>Applied Catalysis A: General</i> , 2014, 472, 143-151.	2.2	38
218	A critical review of extracellular polymeric substances (EPSs) in membrane bioreactors: Characteristics, roles in membrane fouling and control strategies. <i>Journal of Membrane Science</i> , 2014, 460, 110-125.	4.1	583
219	Effects of ozone pretreatment on the formation of disinfection by-products and its associated bromine substitution factors upon chlorination/chloramination of Tai Lake water. <i>Science of the Total Environment</i> , 2014, 475, 23-28.	3.9	12
220	Water-dispersible, pH- and ultralong stable, biocompatible, and highly luminescent graphite-like poly(l-proline) dots: a cytoplasm staining reagent. <i>RSC Advances</i> , 2014, 4, 23826.	1.7	2
221	Synthesis and characterization of a ZrO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> composite with enhanced visible-light photoactivity for rhodamine degradation. <i>RSC Advances</i> , 2014, 4, 40029-40035.	1.7	121
222	Comparing Two New Composite Photocatalysts, <i>t</i> -LaVO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> and <i>m</i> -LaVO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> , for Their Structures and Performances. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 5905-5915.	1.8	137
223	Enhanced photodegradation activity of methyl orange over Z-scheme type MoO <sub>3</sub> –g-C <sub>3</sub> N <sub>4</sub> composite under visible light irradiation. <i>RSC Advances</i> , 2014, 4, 13610-13619.	1.7	205
224	Membrane fouling in a submerged membrane bioreactor with focus on surface properties and interactions of cake sludge and bulk sludge. <i>Bioresource Technology</i> , 2014, 169, 213-219.	4.8	27
225	A novel approach for quantitative evaluation of the physicochemical interactions between rough membrane surface and sludge foulants in a submerged membrane bioreactor. <i>Bioresource Technology</i> , 2014, 171, 247-252.	4.8	31
226	Experimental evidence for osmotic pressure-induced fouling in a membrane bioreactor. <i>Bioresource Technology</i> , 2014, 158, 119-126.	4.8	22
227	Fouling mechanisms of gel layer in a submerged membrane bioreactor. <i>Bioresource Technology</i> , 2014, 166, 295-302.	4.8	133
228	Photodegradation of RhB over YVO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> composites under visible light irradiation. <i>RSC Advances</i> , 2013, 3, 20862.	1.7	42
229	A new insight into membrane fouling mechanism in submerged membrane bioreactor: Osmotic pressure during cake layer filtration. <i>Water Research</i> , 2013, 47, 2777-2786.	5.3	117
230	Thermodynamic analysis of membrane fouling in a submerged membrane bioreactor and its implications. <i>Bioresource Technology</i> , 2013, 146, 7-14.	4.8	83
231	Synthesis, characterization and photocatalytic activity of visible-light plasmonic photocatalyst AgBr-SmVO <sub>4</sub> . <i>Applied Catalysis B: Environmental</i> , 2013, 138-139, 95-103.	10.8	78
232	Simultaneous determination of dopamine and uric acid using layer-by-layer graphene and chitosan assembled multilayer films. <i>Talanta</i> , 2013, 117, 359-365.	2.9	47
233	<i>YL529</i> , a novel, orally available multikinase inhibitor, potently inhibits angiogenesis and tumour growth in preclinical models. <i>British Journal of Pharmacology</i> , 2013, 169, 1766-1780.	2.7	15
234	Author's responses to the comment by Seong-Hoon Yoon on "A new insight into membrane fouling mechanism in submerged membrane bioreactor: Osmotic pressure during cake layer filtration" published in <i>Water Research</i> , vol. 47, pp. 2777–2786, 2013. <i>Water Research</i> , 2013, 47, 4790-4791.	5.3	3

#	ARTICLE	IF	CITATIONS
235	Factors affecting THMs, HAAs and HNMs formation of Jin Lan Reservoir water exposed to chlorine and monochloramine. <i>Science of the Total Environment</i> , 2013, 444, 196-204.	3.9	131
236	Efficient degradation of RhB over GdVO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> composites under visible-light irradiation. <i>Chemical Engineering Journal</i> , 2013, 215-216, 721-730.	6.6	219
237	A review on anaerobic membrane bioreactors: Applications, membrane fouling and future perspectives. <i>Desalination</i> , 2013, 314, 169-188.	4.0	545
238	Pharmacokinetic Studies of a Novel Multikinase Inhibitor for Treating Cancer by HPLC-UV. <i>Journal of Chromatographic Science</i> , 2013, 51, 17-20.	0.7	5
239	<sup>1</sup> H-NMR based metabonomic profiling of human esophageal cancer tissue. <i>Molecular Cancer</i> , 2013, 12, 25.	7.9	65
240	Preparation and Characterization of Ag-Loaded SmVO <sub>4</sub> for Photocatalysis Application. <i>Photochemistry and Photobiology</i> , 2013, 89, 529-535.	1.3	22
241	Factors affecting formation of haloacetonitriles and halo ketones during chlorination/monochloramination of Jinlan Reservoir water. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 1123-1129.	1.0	9
242	Current Methods and Research Progress in Nanomaterials Risk Assessment. <i>Current Drug Metabolism</i> , 2012, 13, 354-363.	0.7	12
243	SKLB70326, a novel small-molecule inhibitor of cell-cycle progression, induces G <sub>0</sub> /G <sub>1</sub> phase arrest and apoptosis in human hepatic carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 684-689.	1.0	4
244	Camptothecin nanocolloids based on N,N,N-trimethyl chitosan: Efficient suppression of growth of multiple myeloma in a murine model. <i>Oncology Reports</i> , 2012, 27, 1035-1040.	1.2	30
245	Osmotic pressure effect on membrane fouling in a submerged anaerobic membrane bioreactor and its experimental verification. <i>Bioresource Technology</i> , 2012, 125, 97-101.	4.8	43
246	Membrane Bioreactors for Industrial Wastewater Treatment: A Critical Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2012, 42, 677-740.	6.6	256
247	Surface Properties of Biofouled Membranes from a Submerged Anaerobic Membrane Bioreactor after Cleaning. <i>Journal of Environmental Engineering, ASCE</i> , 2011, 137, 504-513.	0.7	46
248	Enhanced performance of a submerged membrane bioreactor with powdered activated carbon addition for municipal secondary effluent treatment. <i>Journal of Hazardous Materials</i> , 2011, 192, 1509-1514.	6.5	46
249	Feasibility evaluation of submerged anaerobic membrane bioreactor for municipal secondary wastewater treatment. <i>Desalination</i> , 2011, 280, 120-126.	4.0	160
250	New insights into membrane fouling in a submerged anaerobic membrane bioreactor based on characterization of cake sludge and bulk sludge. <i>Bioresource Technology</i> , 2011, 102, 2373-2379.	4.8	176
251	Synthesis, characterization and photocatalytic performance of V <sub>2</sub> O <sub>5</sub> composite under visible light irradiation. <i>Chemical Engineering Journal</i> , 2011, 169, 50-57.	6.6	40
252	NMR-based metabonomic study of the sub-acute toxicity of titanium dioxide nanoparticles in rats after oral administration. <i>Nanotechnology</i> , 2010, 21, 125105.	1.3	154

#	ARTICLE	IF	CITATIONS
253	New Application and Excellent Performance of Ag/KNbO <sub>3</sub> Nanocomposite in Photocatalytic NH <sub>3</sub> Synthesis. ACS Sustainable Chemistry and Engineering, 0, , .	3.2	17