

Yan Wang

List of Publications by Year in descending order

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160
papers

11,000
citations

17405

63
h-index

33814

99
g-index

160
all docs

160
docs citations

160
times ranked

11829
citing authors

#	ARTICLE	IF	CITATIONS
1	Fe-N-C catalyst with Fe-NX sites anchored nano carboncubes derived from Fe-Zn-MOFs activate peroxymonosulfate for high-effective degradation of ciprofloxacin: Thermal activation and catalytic mechanism. <i>Journal of Hazardous Materials</i> , 2022, 424, 127380.	6.5	91
2	Spontaneous polarisation of ferroelectric BaTiO ₃ /ZnO heterostructures with enhanced performance in a Fenton-like catalytic reaction. <i>Ceramics International</i> , 2022, 48, 2726-2735.	2.3	13
3	Prussian blue-conjugated ZnO nanoparticles for near-infrared light-responsive photocatalysis. <i>Materials Today Energy</i> , 2022, 23, 100895.	2.5	14
4	Highly efficient solar vapour generation via self-floating three-dimensional Ti ₂ O ₃ -based aerogels. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 634, 128031.	2.3	19
5	Modulated construction of Fe-based MOF via formic acid modulator for enhanced degradation of sulfamethoxazole: Design, degradation pathways, and mechanism. <i>Journal of Hazardous Materials</i> , 2022, 429, 128299.	6.5	74
6	Decontamination of arsenite by a nano-sized lanthanum peroxide composite through a simultaneous treatment process combined with spontaneously catalytic oxidation and adsorption reactions. <i>Chemical Engineering Journal</i> , 2022, 435, 135082.	6.6	13
7	Ambient electrochemical N ₂ -to-NH ₃ conversion catalyzed by TiO ₂ -decorated juncus effusus-derived carbon microtubes. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1514-1519.	3.0	100
8	Localized interfacial activation effect within interconnected porous photothermal matrix to promote solar-driven water evaporation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10548-10556.	5.2	13
9	A Janus Mesh with Robust Interface and Controllable Wettability for Water Transport. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-10.	1.5	0
10	Synergy of feed-side aeration and super slippery interface in membrane distillation for enhanced water flux and scaling mitigation. <i>Water Research</i> , 2022, 215, 118246.	5.3	21
11	Oriented shish-kebab like ultra-high molecular weight polyethylene membrane for direct contact membrane distillation. <i>Separation and Purification Technology</i> , 2022, 290, 120847.	3.9	4
12	Armor-Structured Interconnected-Porous Membranes for Corrosion-Resistant and Highly Permeable Waste Ammonium Resource Recycling. <i>Environmental Science & Technology</i> , 2022, 56, 6658-6667.	4.6	6
13	Long-Chain PFASs-Free Omniphobic Membranes for Sustained Membrane Distillation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 23808-23816.	4.0	14
14	A vasculatural hydrogel combined with Prussian blue for solar-driven vapor generation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12608-12615.	5.2	12
15	A Light-Permeable Solar Evaporator with Three-Dimensional Photocatalytic Sites to Boost Volatile-Organic-Compound Rejection for Water Purification. <i>Environmental Science & Technology</i> , 2022, 56, 9797-9805.	4.6	25
16	Efficient phosphate removal and recovery from wastewater with Zn(OH) ₂ @DETA-aminated polyacrylonitrile fibre. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 652, 129719.	2.3	8
17	Highly efficient and reusable lanthanum-carbon nanotube films for enhanced phosphate removal. <i>Separation and Purification Technology</i> , 2022, 299, 121710.	3.9	7
18	Surface self-assembled multi-layer MWCNTs-COOH/BN-PDA/CF for flexible and efficient solar steam generator. <i>Journal of Cleaner Production</i> , 2021, 279, 123626.	4.6	19

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19	Porous evaporators with special wettability for low-grade heat-driven water desalination. <i>Journal of Materials Chemistry A</i> , 2021, 9, 702-726.	5.2	60
20	Advances in recyclable and superior photocatalytic fibers: Material, construction, application and future perspective. <i>Composites Part B: Engineering</i> , 2021, 205, 108512.	5.9	82
21	Three-dimensional porous photo-thermal fiber felt with salt-resistant property for high efficient solar distillation. <i>Chinese Chemical Letters</i> , 2021, 32, 1442-1446.	4.8	23
22	Insight into the feed/permeate flow velocity on the trade-off of water flux and scaling resistance of superhydrophobic and welding-pore fibrous membrane in membrane distillation. <i>Journal of Membrane Science</i> , 2021, 620, 118883.	4.1	35
23	Oxygen vacancy-mediated sandwich-structural TiO ₂ /ultrathin g-C ₃ N ₄ /TiO ₂ direct Z-scheme heterojunction visible-light-driven photocatalyst for efficient removal of high toxic tetracycline antibiotics. <i>Journal of Hazardous Materials</i> , 2021, 408, 124432.	6.5	103
24	Superhydrophobic-omniphobic membrane with anti-deformable pores for membrane distillation with excellent wetting resistance. <i>Journal of Membrane Science</i> , 2021, 620, 118768.	4.1	68
25	Enhanced Trace Tl Removal with Ferrate through the Addition of Mn(II): Effect and Mechanism. <i>ACS ES&T Engineering</i> , 2021, 1, 571-580.	3.7	14
26	A facile and efficient universal strategy of superhydrophobic materials based on plant polyphenols as multifunctional platforms. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100127.	2.9	1
27	Superhydrophobized Polyacrylonitrile/Hierarchical-FeOOH Nanofibrous Membrane for High-salinity Water Treatment in Membrane Distillation. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 470-479.	1.3	2
28	The role of micro-nano pores in interfacial solar evaporation systems – A review. <i>Applied Energy</i> , 2021, 292, 116871.	5.1	44
29	A Critical Review on Removal of Gaseous Pollutants Using Sulfate Radical-based Advanced Oxidation Technologies. <i>Environmental Science & Technology</i> , 2021, 55, 9691-9710.	4.6	89
30	Synthesis of FeO/Fe ₃ O ₄ @porous carbon through a facile heat treatment of iron-containing candle soots for peroxymonosulfate activation and efficient degradation of sulfamethoxazole. <i>Journal of Hazardous Materials</i> , 2021, 411, 124952.	6.5	80
31	Improved photocatalytic hydrogen evolution on (Ru/WC)/CdS via modulating the transferring paths of photo-excited electrons. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119880.	10.8	28
32	HTO/Cellulose Aerogel for Rapid and Highly Selective Li ⁺ Recovery from Seawater. <i>Molecules</i> , 2021, 26, 4054.	1.7	14
33	In Situ Three-Dimensional Welded Nanofibrous Membranes for Robust Membrane Distillation of Concentrated Seawater. <i>Environmental Science & Technology</i> , 2021, 55, 11308-11317.	4.6	17
34	Removal of pollutants from gas streams using Fenton (-like)-based oxidation systems: A review. <i>Journal of Hazardous Materials</i> , 2021, 416, 125927.	6.5	45
35	In Situ Fenton Triggered PDA Coating Copper Mesh with Underwater Superoleophobic Property for Oily Wastewater Pretreatment. <i>Processes</i> , 2021, 9, 1665.	1.3	1
36	Hierarchical defect-rich flower-like BiOBr/Ag nanoparticles/ultrathin g-C ₃ N ₄ with transfer channels plasmonic Z-scheme heterojunction photocatalyst for accelerated visible-light-driven photothermal-photocatalytic oxytetracycline degradation. <i>Chemical Engineering Journal</i> , 2021, 419, 129969.	6.6	107

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37	A novel silver / activated - polyvinylidene fluoride - polydimethyl siloxane hydrophilic-hydrophobic Janus membrane for vacuum membrane distillation and its anti-oil-fouling ability. <i>Journal of Membrane Science</i> , 2021, 638, 119718.	4.1	12
38	Reduced graphene oxide aerogel with the dual-cross-linked framework for efficient solar steam evaporation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127440.	2.3	25
39	Magnetite/hydrated cerium(III) carbonate for efficient phosphate elimination from aqueous solutions and the mechanistic investigation. <i>Chemical Engineering Journal</i> , 2021, 425, 128894.	6.6	24
40	Design of firm-pore superhydrophobic fibrous membrane for advancing the durability of membrane distillation. <i>Desalination</i> , 2021, 519, 115185.	4.0	23
41	Recent advances in membrane distillation using electrospun membranes: advantages, challenges, and outlook. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 1002-1019.	1.2	11
42	Perspective for removing volatile organic compounds during <sc>solar-driven</sc> water evaporation toward water production. <i>EcoMat</i> , 2021, 3, e12147.	6.8	22
43	Ce(III) nanocomposites by partial thermal decomposition of Ce-MOF for effective phosphate adsorption in a wide pH range. <i>Chemical Engineering Journal</i> , 2020, 379, 122431.	6.6	170
44	Tidal variability of polycyclic aromatic hydrocarbons and organophosphate esters in the coastal seawater of Dalian, China. <i>Science of the Total Environment</i> , 2020, 708, 134441.	3.9	24
45	A simple and universal strategy to deposit Ag/polypyrrole on various substrates for enhanced interfacial solar evaporation and antibacterial activity. <i>Chemical Engineering Journal</i> , 2020, 384, 123379.	6.6	126
46	Impact factors on the production of β -methylamino-L-alanine (BMAA) by cyanobacteria. <i>Chemosphere</i> , 2020, 243, 125355.	4.2	15
47	Activation of peroxymonosulfate by magnetic Co-Fe/SiO ₂ layered catalyst derived from iron sludge for ciprofloxacin degradation. <i>Chemical Engineering Journal</i> , 2020, 384, 123298.	6.6	94
48	Photothermal Janus Anode with Photosynthesis Shielding Effect for Activating Low Temperature Biological Wastewater Treatment. <i>Advanced Functional Materials</i> , 2020, 30, 1909432.	7.8	14
49	A solar-electro-thermal evaporation system with high water-production based on a facile integrated evaporator. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21771-21779.	5.2	21
50	One-step electrospinning cellulose nanofibers with superhydrophilicity and superoleophobicity underwater for high-efficiency oil-water separation. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1536-1545.	3.6	41
51	Micro-mesoporous divinyl benzene-based polymer for ultrafast, effective and selective removal of cationic dyes. <i>Materials Chemistry and Physics</i> , 2020, 255, 123564.	2.0	15
52	Monolithic and self-roughened Janus fibrous membrane with superhydrophilic/omniphobic surface for robust antifouling and antiwetting membrane distillation. <i>Journal of Membrane Science</i> , 2020, 615, 118499.	4.1	68
53	Polymeric Membranes with Selective Solution Diffusion for Intercepting Volatile Organic Compounds during Solar-Driven Water Remediation. <i>Advanced Materials</i> , 2020, 32, e2004401.	11.1	142
54	Novel, recyclable active capping systems using fabric-wrapped zirconium-modified magnetite/bentonite composite for sedimentary phosphorus release control. <i>Science of the Total Environment</i> , 2020, 727, 138633.	3.9	19

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55	ZSM-5-(C@Fe) activated peroxymonosulfate for effectively degrading ciprofloxacin: In-depth analysis of degradation mode and degradation path. <i>Journal of Hazardous Materials</i> , 2020, 398, 123024.	6.5	54
56	Visible-light-excited humic acid for peroxymonosulfate activation to degrade bisphenol A. <i>Chemical Engineering Journal</i> , 2020, 400, 125853.	6.6	53
57	Low-Tortuosity Water Microchannels Boosting Energy Utilization for High Water Flux Solar Distillation. <i>Environmental Science & Technology</i> , 2020, 54, 5150-5158.	4.6	89
58	Volatile-Organic-Compound-Intercepting Solar Distillation Enabled by a Photothermal/Photocatalytic Nanofibrous Membrane with Dual-Scale Pores. <i>Environmental Science & Technology</i> , 2020, 54, 9025-9033.	4.6	108
59	Mechanically durable biomimetic fibrous membrane with superhydrophobicity and superoleophilicity for aqueous oil separation. <i>Chinese Chemical Letters</i> , 2020, 31, 2619-2622.	4.8	36
60	Robust light-driven interfacial water evaporator by electrospinning SiO ₂ /MWCNTs-COOH/PAN photothermal fiber membrane. <i>Separation and Purification Technology</i> , 2020, 239, 116595.	3.9	55
61	Highly Efficient, Stable, and Recyclable Hydrogen Manganese Oxide/Cellulose Film for the Extraction of Lithium from Seawater. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9775-9781.	4.0	59
62	Modulation of coordinative unsaturation degree and valence state for cerium-based adsorbent to boost phosphate adsorption. <i>Chemical Engineering Journal</i> , 2020, 394, 124912.	6.6	48
63	Remarkable phosphate removal and recovery from wastewater by magnetically recyclable La ₂ O ₂ CO ₃ /β-Fe ₂ O ₃ nanocomposites. <i>Journal of Hazardous Materials</i> , 2020, 397, 122597.	6.5	71
64	Enhanced ammonia resource recovery from wastewater using a novel flat sheet gas-permeable membrane. <i>Chemical Engineering Journal</i> , 2020, 400, 125338.	6.6	25
65	La-based-adsorbents for efficient biological phosphorus treatment of wastewater: Synergistically strengthen of chemical and biological removal. <i>Chemosphere</i> , 2020, 255, 127010.	4.2	35
66	A new method to overall immobilization of phosphorus in sediments through combined application of capping and oxidizing agents. <i>Science of the Total Environment</i> , 2019, 694, 133770.	3.9	19
67	A mechanically durable, sustained corrosion-resistant photothermal nanofiber membrane for highly efficient solar distillation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22296-22306.	5.2	60
68	Trade-off in membrane distillation with monolithic omniphobic membranes. <i>Nature Communications</i> , 2019, 10, 3220.	5.8	106
69	Photocatalysis: Supporting Ultrathin ZnIn ₂ S ₄ Nanosheets on Co/N-doped Graphitic Carbon Nanocages for Efficient Photocatalytic H ₂ Generation (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT7/Overlo		
70	In situ generation of ultrasmall sized and highly dispersed CuO nanoparticles embedded in silica matrix and their catalytic application. <i>New Journal of Chemistry</i> , 2019, 43, 520-526.	1.4	9
71	Iron sludge-derived magnetic FeO/Fe ₃ C catalyst for oxidation of ciprofloxacin via peroxymonosulfate activation. <i>Chemical Engineering Journal</i> , 2019, 365, 99-110.	6.6	165
72	Multifunctional CuO Nanowire Mesh for Highly Efficient Solar Evaporation and Water Purification. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5476-5485.	3.2	141

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73	One-step nanotopography construction by polyaniline polymerization for a superhydrophobic nanofibrous membrane towards direct contact membrane distillation. <i>Environmental Science: Nano</i> , 2019, 6, 2553-2564.	2.2	20
74	Easily scaled-up photo-thermal membrane with structure-dependent auto-cleaning feature for high-efficient solar desalination. <i>Journal of Membrane Science</i> , 2019, 586, 222-230.	4.1	87
75	Dendritic amine sheltered membrane for simultaneous ammonia selection and fouling mitigation in forward osmosis. <i>Journal of Membrane Science</i> , 2019, 584, 9-19.	4.1	19
76	Fouling mechanism of forward osmosis membrane in domestic wastewater concentration: Role of substrate structures. <i>Chemical Engineering Journal</i> , 2019, 370, 262-273.	6.6	52
77	Embedding Pinhole Vertical Gold Nanowire Electronic Skins for Braille Recognition. <i>Small</i> , 2019, 15, e1804853.	5.2	19
78	Electrospun Nanofibrous Polyphenylene Oxide Membranes for High-Salinity Water Desalination by Direct Contact Membrane Distillation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 20060-20069.	3.2	27
79	Origami system for efficient solar driven distillation in emergency water supply. <i>Chemical Engineering Journal</i> , 2019, 356, 869-876.	6.6	87
80	Prussian blue-encapsulated Fe ₃ O ₄ nanoparticles for reusable photothermal sterilization of water. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 354-361.	5.0	24
81	Polyamidoamine dendrimer grafted forward osmosis membrane with superior ammonia selectivity and robust antifouling capacity for domestic wastewater concentration. <i>Water Research</i> , 2019, 153, 1-10.	5.3	105
82	Dual-biomimetic superwetting silica nanofibrous membrane for oily water purification. <i>Journal of Membrane Science</i> , 2019, 572, 73-81.	4.1	52
83	Seasonal variation, air-water exchange, and multivariate source apportionment of polycyclic aromatic hydrocarbons in the coastal area of Dalian, China. <i>Environmental Pollution</i> , 2019, 244, 405-413.	3.7	40
84	Oxygen vacancy-rich ultrathin sulfur-doped bismuth oxybromide nanosheet as a highly efficient visible-light responsive photocatalyst for environmental remediation. <i>Chemical Engineering Journal</i> , 2019, 360, 838-847.	6.6	79
85	Insights into simultaneous ammonia-selective and anti-fouling mechanism over forward osmosis membrane for resource recovery from domestic wastewater. <i>Journal of Membrane Science</i> , 2019, 573, 135-144.	4.1	30
86	Highly porous zirconium-crosslinked graphene oxide/alginate aerogel beads for enhanced phosphate removal. <i>Chemical Engineering Journal</i> , 2019, 359, 779-789.	6.6	121
87	Dual-Bioinspired Design for Constructing Membranes with Superhydrophobicity for Direct Contact Membrane Distillation. <i>Environmental Science & Technology</i> , 2018, 52, 3027-3036.	4.6	130
88	High speed water purification and efficient phosphate rejection by active nanofibrous membrane for microbial contamination and regrowth control. <i>Chemical Engineering Journal</i> , 2018, 337, 428-435.	6.6	36
89	Synchronous, efficient and fast removal of phosphate and organic matter by carbon-coated lanthanum nanorods. <i>RSC Advances</i> , 2018, 8, 11754-11763.	1.7	11
90	Highly efficient photothermal sterilization of water mediated by Prussian blue nanocages. <i>Environmental Science: Nano</i> , 2018, 5, 1161-1168.	2.2	39

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91	Pd and Pt nanoparticles supported on the mesoporous silica molecular sieve SBA-15 with enhanced activity and stability in catalytic bromate reduction. <i>Chemical Engineering Journal</i> , 2018, 344, 114-123.	6.6	31
92	Oxygen vacancy-rich 2D/2D BiOCl-g-C ₃ N ₄ ultrathin heterostructure nanosheets for enhanced visible-light-driven photocatalytic activity in environmental remediation. <i>Applied Catalysis B: Environmental</i> , 2018, 220, 290-302.	10.8	490
93	CeO ₂ /rGO nanocomposites derived from Ce-MOF and graphene oxide as a robust platform for highly sensitive uric acid detection. <i>Nanoscale</i> , 2018, 10, 1939-1945.	2.8	88
94	Interfacial electronic effects of palladium nanocatalysts on the by-product ammonia selectivity during nitrite catalytic reduction. <i>Environmental Science: Nano</i> , 2018, 5, 338-349.	2.2	24
95	Pt nanoparticles supported on amino-functionalized SBA-15 for enhanced aqueous bromate catalytic reduction. <i>Catalysis Communications</i> , 2018, 105, 11-15.	1.6	13
96	In Situ Vapor Polymerization of Poly(3,4-ethylenedioxythiophene) Coated SnO ₂ -Fe ₂ O ₃ Continuous Electrospun Nanotubes for Rapid Detection of Iodide Ions. <i>Materials</i> , 2018, 11, 2084.	1.3	4
97	Nitrogen doped hierarchically structured porous carbon fibers with an ultrahigh specific surface area for removal of organic dyes. <i>RSC Advances</i> , 2018, 8, 19116-19124.	1.7	10
98	Breathable and asymmetrically superwetable Janus membrane with robust oil-fouling resistance for durable membrane distillation. <i>Journal of Membrane Science</i> , 2018, 563, 602-609.	4.1	137
99	Occurrence, distribution, and air-water exchange of organophosphorus flame retardants in a typical coastal area of China. <i>Chemosphere</i> , 2018, 211, 335-344.	4.2	36
100	Ultrathin two-dimensional BiOBr _{1-x} solid solution with rich oxygen vacancies for enhanced visible-light-driven photoactivity in environmental remediation. <i>Applied Catalysis B: Environmental</i> , 2018, 236, 222-232.	10.8	183
101	Calcuable Polymer Membrane with Revivability for Efficient Oily Water Remediation. <i>Advanced Materials</i> , 2018, 30, e1801870.	11.1	176
102	Nanoscale zero-valent iron in mesoporous carbon (nZVI@C): stable nanoparticles for metal extraction and catalysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4478-4485.	5.2	62
103	High Efficiency Photocatalytic Water Splitting Using 2D Fe ₂ O ₃ /g-C ₃ N ₄ Z-scheme Catalysts. <i>Advanced Energy Materials</i> , 2017, 7, 1700025.	10.2	664
104	Adsorption-intensified degradation of organic pollutants over bifunctional Fe@carbon nanofibres. <i>Environmental Science: Nano</i> , 2017, 4, 302-306.	2.2	61
105	Robust phosphate capture over inorganic adsorbents derived from lanthanum metal organic frameworks. <i>Chemical Engineering Journal</i> , 2017, 326, 1086-1094.	6.6	154
106	Well-dispersed Pd-Cu bimetallics in TiO ₂ nanofiber matrix with enhanced activity and selectivity for nitrate catalytic reduction. <i>Chemical Engineering Journal</i> , 2017, 326, 182-191.	6.6	58
107	Three-component mixed matrix organic/inorganic hybrid membranes for pervaporation separation of ethanol-water mixture. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	11
108	Kirigami/Origami-Based Soft Deployable Reflector for Optical Beam Steering. <i>Advanced Functional Materials</i> , 2017, 27, 1604214.	7.8	71

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109	A novel polyesteramide thin film composite nanofiltration membrane prepared by interfacial polymerization of serinol and trimesoyl chloride (TMC) catalyzed by 4-dimethylaminopyridine (DMAP). Journal of Membrane Science, 2017, 542, 68-80.	4.1	100
110	Magnetic Fe-Co crystal doped hierarchical porous carbon fibers for removal of organic pollutants. Journal of Materials Chemistry A, 2017, 5, 18071-18080.	5.2	111
111	Gravity driven ultrafast removal of organic contaminants across catalytic superwetting membranes. Journal of Materials Chemistry A, 2017, 5, 25266-25275.	5.2	45
112	3D Macroporous Nitrogen-Enriched Graphitic Carbon Scaffold for Efficient Bioelectricity Generation in Microbial Fuel Cells. Advanced Energy Materials, 2017, 7, 1601364.	10.2	146
113	Ultrahigh adsorption capacity of anionic dyes with sharp selectivity through the cationic charged hybrid nanofibrous membranes. Chemical Engineering Journal, 2017, 313, 957-966.	6.6	160
114	Highly Stretchable, Compliant, Polymeric Microelectrode Arrays for In Vivo Electrophysiological Interfacing. Advanced Materials, 2017, 29, 1702800.	11.1	144
115	Bioinspired Nanosucker Array for Enhancing Bioelectricity Generation in Microbial Fuel Cells. Advanced Materials, 2016, 28, 270-275.	11.1	92
116	Flexible Integrated Electrical Cables Based on Biocomposites for Synchronous Energy Transmission and Storage. Advanced Functional Materials, 2016, 26, 3472-3479.	7.8	72
117	Rapid capture of Ponceau S via a hierarchical organic-inorganic hybrid nanofibrous membrane. Journal of Materials Chemistry A, 2016, 4, 5423-5427.	5.2	24
118	Enhanced Photoelectrocatalytic Decomplexation of Cu-EDTA and Cu Recovery by Persulfate Activated by UV and Cathodic Reduction. Environmental Science & Technology, 2016, 50, 6459-6466.	4.6	130
119	Nanostructured palladium/polypyrrole composite paper for enhanced catalytic hydrogen generation from ammonia borane. International Journal of Hydrogen Energy, 2016, 41, 8470-8478.	3.8	30
120	Enhanced Cathodic Oxygen Reduction and Power Production of Microbial Fuel Cell Based on Noble-Metal-Free Electrocatalyst Derived from Metal-Organic Frameworks. Advanced Energy Materials, 2016, 6, 1501497.	10.2	241
121	La ₂ O ₃ nanoparticle/polyacrylonitrile nanofibers for bacterial inactivation based on phosphate control. RSC Advances, 2016, 6, 99353-99360.	1.7	27
122	Carbon nanofiber matrix with embedded LaCO ₃ OH synchronously captures phosphate and organic carbon to starve bacteria. Journal of Materials Chemistry A, 2016, 4, 12799-12806.	5.2	36
123	Biomass-Derived Porous Fe ₃ C/Tungsten Carbide/Graphitic Carbon Nanocomposite for Efficient Electrocatalysis of Oxygen Reduction. ACS Applied Materials & Interfaces, 2016, 8, 32307-32316.	4.0	88
124	Phospholipids fatty acids analysis of microbial communities in sewage sludge composting with inorganic bulking agent. Desalination and Water Treatment, 2016, 57, 27181-27190.	1.0	2
125	Microstructured macroporous adsorbent composed of polypyrrole modified natural corn-cob-core sponge for Cr(VI) removal. RSC Advances, 2016, 6, 59292-59298.	1.7	19
126	Electrochemical-catalytic reduction of nitrate over Pd-Cu/Al ₂ O ₃ catalyst in cathode chamber: Enhanced removal efficiency and N ₂ selectivity. Chemical Engineering Journal, 2016, 290, 201-208.	6.6	104

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127	A synergistic strategy for nanoparticle/nanofiber composites towards p-nitrophenol catalytic hydrogenation. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 1012-1017.	1.3	5
128	Influence of salts, anion polyacrylamide and crude oil on nanofiltration membrane fouling during desalination process of polymer flooding produced water. <i>Desalination</i> , 2015, 373, 27-37.	4.0	58
129	Suspended Wavy Graphene Microribbons for Highly Stretchable Microsupercapacitors. <i>Advanced Materials</i> , 2015, 27, 5559-5566.	11.1	268
130	Transformation of organic matters in animal wastes during composting. <i>Journal of Hazardous Materials</i> , 2015, 300, 745-753.	6.5	82
131	Highly Efficient Phosphate Scavenger Based on Well-Dispersed La(OH) ₃ Nanorods in Polyacrylonitrile Nanofibers for Nutrient-Starvation Antibacteria. <i>ACS Nano</i> , 2015, 9, 9292-9302.	7.3	177
132	Synthesis and characterization of gadolinium doped cobalt ferrite nanoparticles with enhanced adsorption capability for Congo Red. <i>Chemical Engineering Journal</i> , 2014, 250, 164-174.	6.6	199
133	One-step synthesis of noble metal/oxide nanocomposites with tunable size of noble metal particles and their size-dependent catalytic activity. <i>RSC Advances</i> , 2014, 4, 30624-30629.	1.7	19
134	Nitrogen Self-Doped Porous Carbon from Surplus Sludge as Metal-Free Electrocatalysts for Oxygen Reduction Reactions. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14911-14918.	4.0	54
135	Catalytic reduction of aqueous nitrates by metal supported catalysts on Al particles. <i>Chemical Engineering Journal</i> , 2014, 254, 410-417.	6.6	56
136	One-dimensional isomeric and hierarchical TiO ₂ nanostructures: novel air stable semiconducting building blocks. <i>Journal of Materials Chemistry C</i> , 2013, 1, 213-215.	2.7	4
137	Synergic effect within n-type inorganic/p-type organic nano-hybrids in gas sensors. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3017.	2.7	70
138	Weak-acceptor-polyacrylonitrile/donor-polyaniline core-shell nanofibers: A novel 1D polymeric heterojunction with high photoconductive properties. <i>Organic Electronics</i> , 2012, 13, 2319-2325.	1.4	10
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