

Fengxian Qiu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

312 papers	7,578 citations	46 h-index	68 g-index
334 ext. papers	9,286 ext. citations	5.5 avg, IF	6.59 L-index

#	Paper	IF	Citations
3 ¹²	Synthesis of Ternary Heterostructure Semiconductor Photocatalyst and Its Photocatalytic Performance Under Visible Light Irradiation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022 , 32, 1033	3.2	0
3 ¹¹	Coupling adsorption and reduction for tellurium recovery by hierarchical porous nanoscale zero-valent iron (NZVI) /LDOs composites. <i>Results in Engineering</i> , 2022 , 13, 100356	3.3	0
3 ¹⁰	Waste-to-resource strategy to fabricate wearable Janus membranes derived from corn bracts for application in personal thermal management. <i>Cellulose</i> , 2022 , 29, 1219-1230	5.5	1
3 ⁰⁹	Controllable fabrication of ZnO nanorods@cellulose membrane with self-cleaning and passive radiative cooling properties for building energy-saving applications. <i>Cellulose</i> , 2022 , 29, 1981	5.5	1
3 ⁰⁸	Enhanced water permeability and rejection of As(III) in groundwater by nanochannels and active center formed in nanofibrillated celluloses UF membranes with ZIF-8. <i>Journal of Membrane Science</i> , 2022 , 646, 120255	9.6	2
3 ⁰⁷	Superhydrophobic waste paper-based aerogel as a thermal insulating cooler for building. <i>Energy</i> , 2022 , 245, 123287	7.9	7
3 ⁰⁶	Fabrication of titanium incorporation into zeolitic imidazolate framework-L on fabric carrier for visible-light driven photocatalytic antibacterial activity. <i>Optical Materials</i> , 2022 , 125, 112085	3.3	2
3 ⁰⁵	Direct growth of boronate based shikimic acid imprinted polymer on porous substrate surface: A stable membrane for specific molecular separation. <i>Applied Surface Science</i> , 2022 , 581, 152349	6.7	2
3 ⁰⁴	Construction of highly dispersed active sites in MoS ₂ /CuS/C electrocatalyst based on organic/inorganic hybrid nanoflower for efficient hydrogen generation. <i>Applied Surface Science</i> , 2022 , 574, 151725	6.7	2
3 ⁰³	Construction of lignin-based nano-adsorbents for efficient and selective recovery of tellurium (IV) from wastewater. <i>Chemosphere</i> , 2022 , 287, 132058	8.4	0
3 ⁰²	Structured sludge derived multifunctional layer for simultaneous separation of oil/water emulsions and anions contaminants.. <i>Journal of Hazardous Materials</i> , 2022 , 432, 128651	12.8	3
3 ⁰¹	Toxic waste sludge derived hierarchical porous adsorbent for efficient phosphate removal.. <i>Science of the Total Environment</i> , 2022 , 830, 154765	10.2	0
3 ⁰⁰	Direct separation of phosphate under highly acidic conditions using MnO ₂ @CeO ₂ nanowires membrane. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022 , 177, 108986	3.7	0
299	Effect of porphyrin metal center on synthesis, structure, morphology and oxygen reduction properties of porphyrin encapsulated metal organic frameworks. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 1-9	1.8	2
298	Easily Fabricated Low-Energy Consumption Joule-Heated Superhydrophobic Foam for Fast Cleanup of Viscous Crude Oil Spills. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 51652-51660	9.5	1
297	Surface structure regulation of wastewater flocculated sludge for hierarchical superhydrophobic ceramic coating. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106851	6.8	7
296	Porphyrin(2.1.2.1) as a novel binucleating ligand: synthesis and molecular structures of mono- and di-rhodium(II) complexes. <i>Chemical Communications</i> , 2021 , 57, 12808-12811	5.8	4

295	Binuclear Rhodium(I) Complex of a Dimethylvinylene-Bridged Distorted Hexaphyrin(2.1.2.1.2.1). <i>Inorganic Chemistry</i> , 2021 , 60, 16070-16073	5.1	1
294	Synthesis, characterization and electrocatalytic properties of bimetallic sulfides CoS/MnS/N-C for oxygen reduction in alkaline media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 336-342	1.8	
293	Preparation and application of Mg/Al composite oxide/coconut shell carbon fiber for effective removal of phosphorus from domestic sewage. <i>Food and Bioproducts Processing</i> , 2021 , 126, 293-304	4.9	15
292	Boronate affinity-modified magnetic Cyclodextrin polymer for selective separation and adsorption of shikimic acid. <i>Journal of Materials Science</i> , 2021 , 56, 13043	4.3	0
291	Controlled Fabrication of the Biomass Cellulose/TeO ₂ Nanocomposite Membrane as Efficient and Recyclable Adsorbents for Fluoride Removal. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 5914-5923	3.9	8
290	Facile Modification of Biochar Derived from Agricultural Straw Waste with Effective Adsorption and Removal of Phosphorus from Domestic Sewage. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 3867-3879	3.2	2
289	In situ construction MoS ₂ -Pt nanosheets on 3D MOF-derived S, N-doped carbon substrate for highly efficient alkaline hydrogen evolution reaction. <i>Chemical Engineering Journal</i> , 2021 , 412, 127556	14.7	16
288	Hierarchical flower-like ZnO@Ag@Cellulose composite with antifouling and antibacterial properties for efficient recovery of tellurium (IV) from wastewater. <i>Cellulose</i> , 2021 , 28, 5719-5734	5.5	4
287	Li ₄ Mn ₅ O ₁₂ doped cellulose acetate membrane with low Mn loss and high stability for enhancing lithium extraction from seawater. <i>Desalination</i> , 2021 , 506, 115003	10.3	8
286	Agricultural bamboo leaf waste as carbon precursor for the preparation of Cu-Al/biomass fiber adsorption and its application in the removal of ammonia nitrogen pollutants from domestic wastewater. <i>Journal of Wood Chemistry and Technology</i> , 2021 , 41, 137-149	2	4
285	Construction of sheet-on-sheet hierarchical MoS ₂ /NiS ₂ heterostructures as efficient bifunctional electrocatalysts for overall water splitting. <i>Electrochimica Acta</i> , 2021 , 385, 138438	6.7	11
284	Fabrication of flexible AgNW/cellulose hybrid film with heat preservation and antibacterial properties for agriculture application. <i>Cellulose</i> , 2021 , 28, 8693-8704	5.5	1
283	Cellulose-based hybrid membrane with functional integration for personal thermal management applications. <i>Applied Surface Science</i> , 2021 , 535, 147670	6.7	4
282	Rugby-ball like Ag modified zirconium porphyrin metal-organic frameworks nanohybrid for antimicrobial activity: Synergistic effect for significantly enhancing photoactivation capacity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 611, 125888	5.1	10
281	Ternary metal composite membrane FCMNCM enhances the separation of As(III) in water through the multifunctional cooperation. <i>Chemosphere</i> , 2021 , 267, 129286	8.4	1
280	FeOOH imprinted nanorods based on boronate affinity surface imprinting for the separation of shikimic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 622, 126639	5.1	1
279	Trash to treasure: From construction waste to tellurium adsorbent materials. <i>Journal of Cleaner Production</i> , 2021 , 312, 127752	10.3	14
278	Facile fabrication of bifunctional ZIF-L/cellulose composite membrane for efficient removal of tellurium and antibacterial effects. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125888	12.8	27

277	Simply realizing durable PVDF/candle soot foam with excellent solar absorption for solar-assisted recovery of heavy oil spill. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021 , 128, 187-187	5.3	2
276	Boronate affinity surface imprinted polymers supported on dendritic fibrous silica for enhanced selective separation of shikimic acid via covalent binding. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116408	6	7
275	Fabrication of hierarchical porous MgO/cellulose acetate hybrid membrane with improved antifouling properties for tellurium separation. <i>Cellulose</i> , 2021 , 28, 10549	5.5	1
274	Eco-friendly self-crosslinking cellulose membrane with high mechanical properties from renewable resources for oil/water emulsion separation. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105857	6.8	15
273	Accessible active sites activated by cobalt-doping into MoS ₂ /NiS ₂ nanosheet array electrocatalyst for enhanced hydrogen evolution reaction. <i>Applied Surface Science</i> , 2021 , 563, 150385	6.7	8
272	Aramid nanofiber aerogel membrane extract from waste plastic for efficient separation of surfactant-stabilized oil-in-water emulsions. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106137	6.8	6
271	Magnetic FeS@Lignin-derived carbon nanocomposites as an efficient adsorbent for multistage collaborative selective recovery of tellurium (IV) from wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106135	6.8	7
270	Realizing selective detection with nanozymes: Strategies and trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 143, 116379	14.6	13
269	A isophorone based colorimetric and ratiometric probe: Synthesis and rapid detection of cyanide in aqueous medium and its application in bioimaging. <i>Microchemical Journal</i> , 2021 , 170, 106705	4.8	1
268	Fabrication of MnO ₂ Nanowires@Ag/Cellulose Laminated Membranes with Unidirectional Liquid Penetration for Personal Thermal Management Applications. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 17980-17988	3.9	1
267	Preparation of vinyl acetate/acrylate emulsion modified with carboxymethyl cellulose and fluorine for paper relic protection. <i>Journal of Dispersion Science and Technology</i> , 2020 , 1-10	1.5	0
266	Synthesis of microcrystalline cellulose/TiO ₂ /fluorine/styrene-acrylate coatings and the application for simulated paper cultural relic protection. <i>Cellulose</i> , 2020 , 27, 6549-6562	5.5	11
265	Efficient removal of As(III) via the synergistic effect of oxidation and absorption by FeOOH@MnO@CAM nano-hybrid adsorption membrane. <i>Chemosphere</i> , 2020 , 258, 127329	8.4	12
264	In-situ fabrication of dynamic and recyclable TiO ₂ coated bacterial cellulose membranes as an efficient hybrid absorbent for tellurium extraction. <i>Cellulose</i> , 2020 , 27, 4591-4608	5.5	15
263	In situ growth of carbon nitride on titanium dioxide/hemp stem biochar toward 2D heterostructured photocatalysts for highly photocatalytic activity. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 39198-39210	5.1	2
262	Efficient oxidation and absorption of As(III) from aqueous solutions for environmental remediation via CuO@MNW membranes. <i>Separation and Purification Technology</i> , 2020 , 250, 117165	8.3	8
261	Laminated Fibrous Membrane Inspired by Polar Bear Pelt for Outdoor Personal Radiation Management. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 12285-12293	9.5	20
260	Hierarchical structurized waste brick with opposite wettability for on-demand oil/water separation. <i>Chemosphere</i> , 2020 , 251, 126348	8.4	14

259	Wearable Janus MnO ₂ hybrid membranes for thermal comfort management applications. <i>Applied Surface Science</i> , 2020 , 509, 145170	6.7	12
258	Waste-to-resource strategy to fabricate functionalized material from waste brick. <i>Science of the Total Environment</i> , 2020 , 703, 135032	10.2	7
257	Preparation of self-healing acrylic copolymer composite coatings for application in protection of paper cultural relics. <i>Polymer Engineering and Science</i> , 2020 , 60, 288-296	2.3	8
256	Laminated superwetting aerogel/membrane composite with large pore sizes for efficient separation of surfactant-stabilized water-in-oil emulsions. <i>Chemical Engineering Science</i> , 2020 , 215, 115430	4.4	14
255	Thermal-responsive PNIPAm-acrylic/Ag NRs hybrid hydrogel with atmospheric window full-wavelength thermal management for smart windows. <i>Solar Energy Materials and Solar Cells</i> , 2020 , 206, 110336	6.4	24
254	Fe ₃ O ₄ @chitosan-bound boric acid composite as pH-responsive reusable adsorbent for selective recognition and capture of cis-diol-containing shikimic acid. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5415	3.1	14
253	Fabrication of recyclable magnetic double-base aerogel with waste bioresource bagasse as the source of fiber for the enhanced removal of chromium ions from aqueous solution. <i>Food and Bioproducts Processing</i> , 2020 , 119, 257-267	4.9	17
252	Study on the application of waste bricks in emulsified oil-water separation. <i>Journal of Cleaner Production</i> , 2020 , 251, 119609	10.3	37
251	Fabrication of flexible ceramic membranes derived from hard Si ₃ N ₄ and soft MnO ₂ nanowires. <i>Ceramics International</i> , 2020 , 46, 8478-8482	5.1	3
250	Laminated Cellulose Hybrid Membranes with Triple Thermal Insulation Functions for Personal Thermal Management Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 15936-15945	8.3	11
249	A simple, cost-effective and selective analysis of glucose via electrochemical impedance sensing based on copper and nitrogen co-doped carbon quantum dots. <i>New Journal of Chemistry</i> , 2020 , 44, 12723-12728	3.6	12
248	Controllable preparation of FeOOH/CuO@WBC composite based on water bamboo cellulose applied for enhanced arsenic removal. <i>Food and Bioproducts Processing</i> , 2020 , 123, 177-187	4.9	16
247	Effective loading of well-doped ZnO/Ag ₃ PO ₄ nanohybrids on magnetic core via one step for promoting its photocatalytic antibacterial activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 603, 125187	5.1	12
246	Multifunctional laminated membranes with adjustable infrared radiation for personal thermal management applications. <i>Cellulose</i> , 2020 , 27, 8471-8483	5.5	6
245	Superhydrophobic Stainless-Steel Mesh with Excellent Electrothermal Properties for Efficient Separation of Highly Viscous Water-in-Crude Oil Emulsions. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 17918-17926	3.9	8
244	Enhanced As(III) removal from aqueous solutions by recyclable Cu@MNM composite membranes via synergistic oxidation and absorption. <i>Water Research</i> , 2020 , 168, 115147	12.5	33
243	Preparation of polymeric material containing UV absorber for application in paper-based relics protection. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 536-545	1.5	4
242	Fabrication of dynamic zero-valent iron/MnO ₂ nanowire membrane for efficient and recyclable selenium separation. <i>Separation and Purification Technology</i> , 2020 , 230, 115847	8.3	8

241	Covalent laccase immobilization on the surface of poly(vinylidene fluoride) polymer membrane for enhanced biocatalytic removal of dyes pollutants from aqueous environment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 191, 111025	6	28
240	2D metal-organic frameworks-derived preparation of layered CuS@C as an efficient and stable electrocatalyst for hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2019 , 323, 134856	6.7	13
239	Fabrication of multifunctional coating with high luminous transmittance, self-cleaning and radiative cooling performances for energy-efficient windows. <i>Solar Energy Materials and Solar Cells</i> , 2019 , 202, 110125	6.4	17
238	Design and fabrication of superwetting fiber-based membranes for oil/water separation applications. <i>Chemical Engineering Journal</i> , 2019 , 364, 292-309	14.7	174
237	Simultaneous adsorption of Li(I) and Rb(I) by dual crown ethers modified magnetic ion imprinting polymers. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4778	3.1	13
236	Pd nanoparticle-decorated graphitic CN nanosheets with bifunctional peroxidase mimicking and ON-OFF fluorescence enable naked-eye and fluorescent dual-readout sensing of glucose. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 233-239	7.3	30
235	Sea Urchin-Like MOF-Derived Formation of Porous Cu ₃ P@C as an Efficient and Stable Electrocatalyst for Oxygen Evolution and Hydrogen Evolution Reactions. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900502	4.6	33
234	Insights into the adsorption mechanism of carbon cellulose fiber loaded globular flowers bimetallic layered double hydroxide for efficiency pollutant removal. <i>Journal of Molecular Liquids</i> , 2019 , 290, 111201	6.1	4
233	3D hierarchical MnO ₂ aerogels with superhydrophobicity for selective oil/water separation. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e5073	3.1	5
232	Multifunctional Janus fibrous hybrid membranes with sandwich structure for on-demand personal thermal management. <i>Nano Energy</i> , 2019 , 63, 103808	17.1	57
231	Controllable fabrication of tendril-inspired hierarchical hybrid membrane for efficient recovering tellurium from photovoltaic waste. <i>Journal of Cleaner Production</i> , 2019 , 230, 966-973	10.3	38
230	In situ fabrication of ZnO nanorods/Ag hybrid film with high mid-infrared reflectance for applications in energy efficient windows. <i>Optical Materials</i> , 2019 , 94, 322-329	3.3	12
229	Cellulose-derived multifunctional nano-CuO/carbon aerogel composites as a highly efficient oil absorbent. <i>Cellulose</i> , 2019 , 26, 5381-5394	5.5	15
228	Self-directed hierarchical Cu ₃ (PO ₄) ₂ /Cu-BDC nanosheets array based on copper foam as an efficient and durable electrocatalyst for overall water splitting. <i>Electrochimica Acta</i> , 2019 , 313, 179-188	6.7	30
227	In situ fabrication of dynamic nano zero-valent iron/activated carbon nanotubes membranes for tellurium separation. <i>Chemical Engineering Science</i> , 2019 , 205, 278-286	4.4	21
226	Superwetting rape pollen layer for emulsion switchable separation with high flux. <i>Chemical Engineering Science</i> , 2019 , 203, 237-246	4.4	13
225	Sustainable, Flexible, and Superhydrophobic Functionalized Cellulose Aerogel for Selective and Versatile Oil/Water Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 9984-9994	8.3	92
224	Non-enzymatic glucose sensor based on molecularly imprinted polymer: a theoretical, strategy fabrication and application. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 1379-1388	2.6	12

223	Fabrication of Flexible and Superhydrophobic Melamine Sponge with Aligned Copper Nanoparticle Coating for Self-Cleaning and Dual Thermal Management Properties. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 4844-4852	3.9	21
222	A robust Janus fibrous membrane with switchable infrared radiation properties for potential building thermal management applications. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 8344-8352	13	26
221	An all-solid-state Z-scheme TiO ₂ /ZnFe ₂ O ₄ photocatalytic system for the N ₂ photofixation enhancement. <i>Chemical Engineering Journal</i> , 2019 , 371, 286-293	14.7	87
220	Flexible, versatility and superhydrophobic biomass carbon aerogels derived from corn bracts for efficient oil/water separation. <i>Food and Bioproducts Processing</i> , 2019 , 115, 134-142	4.9	39
219	Facile fabrication of hollow biochar carbon-doped TiO ₂ /CuO composites for the photocatalytic degradation of ammonia nitrogen from aqueous solution. <i>Journal of Alloys and Compounds</i> , 2019 , 770, 1055-1063	5.7	50
218	Fabrication of sandwich-structured cellulose composite membranes for switchable infrared radiation. <i>Cellulose</i> , 2019 , 26, 8745-8757	5.5	11
217	Highly dispersive NiCoS nanoparticles anchored on nitrogen-doped carbon nanofibers for efficient hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2019 , 555, 294-303	9.3	25
216	Evaluation of modified basalt fiber as biological carrier media for wastewater treatment with the extended DLVO theory model. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 29789-29798	5.1	2
215	Highly sensitive and specific colorimetric detection of phosphate by using Zr(IV) to synergistically suppress the peroxidase-mimicking activity of hydrophilic Fe ₃ O ₄ nanocubes. <i>Sensors and Actuators B: Chemical</i> , 2019 , 297, 126822	8.5	28
214	Layered double hydroxide functionalized biomass carbon fiber for highly efficient and recyclable fluoride adsorption. <i>Applied Biological Chemistry</i> , 2019 , 62,	2.9	10
213	Dual-Functional Mesoporous Films Templated by Cellulose Nanocrystals for the Selective Adsorption of Lithium and Rubidium. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 926-933	2.8	17
212	Controlled fabrication of functionalized nanoscale zero-valent iron/celluloses composite with silicon as protective layer for arsenic removal. <i>Chemical Engineering Research and Design</i> , 2019 , 151, 242-251	5.5	18
211	Recent progress and future prospects of oil-absorbing materials. <i>Chinese Journal of Chemical Engineering</i> , 2019 , 27, 1282-1295	3.2	44
210	Facile preparation of Ag/Ag ₂ WO ₄ /g-C ₃ N ₄ ternary plasmonic photocatalyst and its visible-light photocatalytic activity. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4683	3.1	8
209	Preparation of a renewable biomass carbon aerogel reinforced with sisal for oil spillage clean-up: Inspired by green leaves to green Tofu. <i>Food and Bioproducts Processing</i> , 2019 , 114, 154-162	4.9	64
208	A peroxidase-mimicking nanosensor with Hg ²⁺ -triggered enzymatic activity of cysteine-decorated ferromagnetic particles for ultrasensitive Hg ²⁺ detection in environmental and biological fluids. <i>Sensors and Actuators B: Chemical</i> , 2019 , 281, 445-452	8.5	55
207	Hierarchical Al ₂ O ₃ /SiO ₂ fiber membrane with reversible wettability for on-demand oil/water separation. <i>Korean Journal of Chemical Engineering</i> , 2019 , 36, 92-100	2.8	10
206	Facile one-step fabrication of highly hydrophobic, renewable and mechanically flexible sponge with dynamic coating for efficient oil/water separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 95, 515-524	5.3	23

205	Ag nanoparticles coated cellulose membrane with high infrared reflection, breathability and antibacterial property for human thermal insulation. <i>Journal of Colloid and Interface Science</i> , 2019 , 535, 363-370	9.3	41
204	Synthesis, mechanical properties and iron surface conservation behavior of UV-curable waterborne polyurethane-acrylate coating modified with inorganic carbonate. <i>Polymer Bulletin</i> , 2018 , 75, 4713-4734 ^{2.4}		16
203	Recovery of tellurium from aqueous solutions by adsorption with magnetic nanoscale zero-valent iron (NZVFe). <i>Hydrometallurgy</i> , 2018 , 177, 1-8	4	28
202	Controlled and facile synthesis of a self-assembled enzyme/inorganic catalyst based on flexible metal-coated fiber for an excellent removal of synthetic pollutants from aqueous environment. <i>Applied Nanoscience (Switzerland)</i> , 2018 , 8, 1139-1148	3.3	12
201	Hierarchical Porous BiOCl/LDHs Composites Templated from Cotton Fibers for Efficient Removal of Dyes from Aqueous Solution. <i>Fibers and Polymers</i> , 2018 , 19, 697-702	2	1
200	Superhydrophobic, ultralight and flexible biomass carbon aerogels derived from sisal fibers for highly efficient oil/water separation. <i>Cellulose</i> , 2018 , 25, 3067-3078	5.5	61
199	β-Cyclodextrin/graphene oxide/diatomaceous earth material: preparation and its application for adsorption of organic dye. <i>Monatshefte Für Chemie</i> , 2018 , 149, 1367-1377	1.4	4
198	Design and preparation of efficient, stable and superhydrophobic copper foam membrane for selective oil absorption and consecutive oil/water separation. <i>Materials and Design</i> , 2018 , 142, 83-92	8.1	40
197	Preparation of novel graphene oxide crosslinked azo polyurethane composite and its application in thermo-optic switch. <i>Optik</i> , 2018 , 159, 50-56	2.5	1
196	Oil removal from oily water by a low-cost and durable flexible membrane made of layered double hydroxide nanosheet on cellulose support. <i>Journal of Cleaner Production</i> , 2018 , 180, 307-315	10.3	59
195	Hybridization of Al ₂ O ₃ microspheres and acrylic ester resins as a synergistic absorbent for selective oil and organic solvent absorption. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4244	3.1	8
194	Dynamically PEGylated and Borate-Coordination-Polymer-Coated Polydopamine Nanoparticles for Synergetic Tumor-Targeted, Chemo-Photothermal Combination Therapy. <i>Small</i> , 2018 , 14, e1703968	11	125
193	Simple formation of chitosan tablet with self-supporting blocks: Fe ³⁺ -mediated supramolecular coordination. <i>Chemical Engineering Journal</i> , 2018 , 341, 648-657	14.7	13
192	Environmentally friendly cleaner water-soluble fluorescent carbon dots coated with chitosan: synthesis and its application for sensitivity determination of Cr(VI) ions. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 23-33	2	3
191	In situ fabrication dynamic carbon fabrics membrane with tunable wettability for selective oil/water separation. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 61, 188-196	6.3	27
190	Fabrication of UV-curable waterborne fluorinated polyurethane-acrylate and its application for simulated iron cultural relic protection 2018 , 15, 535-541		10
189	Mesoporous hollow silicon spheres modified with manganese ion sieve: Preparation and its application for adsorption of lithium and rubidium ions. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4182 ^{3.1}		13
188	Novel Flower-Like ZnO Hybridized with Acrylic Ester Resin for Enhanced Oil Absorption Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 1665-1675		5

187	Tunable infrared radiation properties of hybrid films co-assembled with semiconductor quantum chips and exfoliated ultra-thin LDH nanosheets. <i>Journal of Alloys and Compounds</i> , 2018 , 751, 215-223	5.7	8
186	Non-noble metal@carbon nanosheet derived from exfoliated MOF crystal as highly reactive and stable heterogeneous catalyst. <i>Applied Surface Science</i> , 2018 , 447, 222-234	6.7	32
185	A smartphone-integrated ready-to-use paper-based sensor with mesoporous carbon-dispersed Pd nanoparticles as a highly active peroxidase mimic for H ₂ O ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 265, 412-420	8.5	78
184	Enhancement of oil absorption properties of acrylic ester resin hybridized with well-organized sea urchin-like MnO ₂ . <i>Polymer Composites</i> , 2018 , 39, 4041-4049	3	2
183	Elimination of background color interference by immobilizing Prussian blue on carbon cloth: A monolithic peroxidase mimic for on-demand photometric sensing. <i>Sensors and Actuators B: Chemical</i> , 2018 , 256, 151-159	8.5	25
182	Fabrication of hydrophobic and oleophilic polyurethane foam sponge modified with hydrophobic Al ₂ O ₃ for oil/water separation. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 58, 369-375	6.3	42
181	Dual-template crown ether-functionalized hierarchical porous silica: Preparation and application for adsorption of energy metal lithium. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4114	3.1	5
180	A facile strategy toward ion-imprinted hierarchical mesoporous material via dual-template method for simultaneous selective extraction of lithium and rubidium. <i>Journal of Cleaner Production</i> , 2018 , 171, 264-274	10.3	29
179	Zinc oxide/graphene-like tungsten disulphide nanosheet photocatalysts: Synthesis and enhanced photocatalytic activity under visible-light irradiation. <i>Canadian Journal of Chemical Engineering</i> , 2018 , 96, 1053-1061	2.3	6
178	A versatile strategy to fabricate dual-imprinted porous adsorbent for efficient treatment co-contamination of Erythrothrin and copper(II). <i>Chemical Engineering Journal</i> , 2018 , 332, 517-527	14.7	58
177	Histidine-mediated tunable peroxidase-like activity of nanosized Pd for photometric sensing of Ag ⁺ . <i>Sensors and Actuators B: Chemical</i> , 2018 , 273, 400-407	8.5	61
176	Fabrication of functional biomass carbon aerogels derived from sisal fibers for application in selenium extraction. <i>Food and Bioproducts Processing</i> , 2018 , 111, 93-103	4.9	32
175	Ultralong MnO ₂ Nanowire Enhanced Multiwall Carbon Nanotube Hybrid Membrane with Underwater Superoleophobicity for Efficient Oil-in-Water Emulsions Separation. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 10439-10447	3.9	46
174	Bi ₂ Te ₃ sheet contributing to the formation of flower-like BiOCl composite and its N ₂ photofixation ability enhancement. <i>Catalysis Communications</i> , 2018 , 116, 16-19	3.2	24
173	Synergistically enhanced peroxidase-like activity of Pd nanoparticles dispersed on CeO ₂ nanotubes and their application in colorimetric sensing of sulfhydryl compounds. <i>Journal of Materials Science</i> , 2018 , 53, 13912-13923	4.3	19
172	High-efficient adsorption of phosphates from water by hierarchical CuAl/biomass carbon fiber layered double hydroxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 555, 314-323	5.1	47
171	Hybrid aerogels derived from banana peel and waste paper for efficient oil absorption and emulsion separation. <i>Journal of Cleaner Production</i> , 2018 , 199, 411-419	10.3	103
170	Synthesis of UV-curing waterborne polyurethane-acrylate coating and its photopolymerization kinetics using FT-IR and photo-DSC methods. <i>Progress in Organic Coatings</i> , 2018 , 122, 10-18	4.8	50

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168	Calix[4]arenes functionalized dual-imprinted mesoporous film for the simultaneous selective recovery of lithium and rubidium. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4511	3.1	14
167	Janus ZnO-cellulose/MnO ₂ hybrid membranes with asymmetric wettability for highly-efficient emulsion separations. <i>Cellulose</i> , 2018 , 25, 5951-5965	5.5	57
166	Basalt fiber fabric synergistically decorated by MnO ₂ nanosheets/stearic acid for the enhancement of oil-recovery and anti-icing behavior. <i>Applied Surface Science</i> , 2018 , 459, 647-656	6.7	8
165	A molecularly-imprinted-electrochemical-sensor modified with nano-carbon-dots with high sensitivity and selectivity for rapid determination of glucose. <i>Analytical Biochemistry</i> , 2018 , 555, 42-49	3.1	36
164	Facile and Controlled Fabrication of CuAl Layered Double Hydroxide Nanosheets/Laccase Hybrid Films: A Route to Efficient Biocatalytic Removal of Congo Red from Aqueous Solutions. <i>ACS Applied Nano Materials</i> , 2018 , 1, 284-292	5.6	16
163	Azo biphenyl polyurethane: Preparation, characterization and application for optical waveguide switch. <i>Optical Materials</i> , 2018 , 75, 858-868	3.3	8
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154	Silver carbonate loaded on activated carbon composite photocatalyst with enhanced photocatalytic activity under visible light irradiation. <i>Materials Technology</i> , 2017 , 32, 38-45	2.1	12
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35	Waterborne Polyurethane-Acrylate Containing Different Polyether Polyols: Preparation and Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2012 , 51, 50-57		27
34	SYNTHESIS, PHYSICAL PROPERTIES AND POLYMERIC DIGITAL OPTICAL SWITCH OF AZO BENZOTHAZOLE POLYURETHANE-UREA. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2012 , 21, 1250044	0.8	2
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31	Preparation, characterization and properties of UV-curable waterborne polyurethane acrylate/SiO ₂ coating 2012 , 9, 503-514		44
30	Preparation, Characterization, and Inhibition Efficiency of Quadripolymer for Use as Scale Inhibitor. <i>International Journal of Polymer Analysis and Characterization</i> , 2012 , 17, 321-332	1.7	11
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15	Waterborne polyurethane and modified polyurethane acrylate composites. <i>Plastics, Rubber and Composites</i> , 2010 , 39, 454-459	1.5	17
14	Environmentally Friendly Polyurethane Composites: Preparation, Characterization and Mechanical Properties. <i>Journal of Polymers and the Environment</i> , 2010 , 18, 128-134	4.5	24
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