

## List of Publications by Citations

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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
312	Recent progress in enhancing photocatalytic efficiency of TiO <sub>2</sub> -based materials. <i>Applied Catalysis A: General</i> , <b>2015</b> , 495, 131-140	5.1	242
311	Design and fabrication of superwetting fiber-based membranes for oil/water separation applications. <i>Chemical Engineering Journal</i> , <b>2019</b> , 364, 292-309	14.7	174
310	Enhanced oils and organic solvents absorption by polyurethane foams composites modified with MnO <sub>2</sub> nanowires. <i>Chemical Engineering Journal</i> , <b>2017</b> , 309, 7-14	14.7	146
309	Recent advances in non-enzymatic electrochemical glucose sensors based on non-precious transition metal materials: opportunities and challenges. <i>RSC Advances</i> , <b>2016</b> , 6, 84893-84905	3.7	146
308	Biodiesel production from mixed soybean oil and rapeseed oil. <i>Applied Energy</i> , <b>2011</b> , 88, 2050-2055	10.7	139
307	Amine-functionalized magnetic bamboo-based activated carbon adsorptive removal of ciprofloxacin and norfloxacin: A batch and fixed-bed column study. <i>Bioresource Technology</i> , <b>2018</b> , 249, 924-934	11	137
306	In situ one-step fabrication of durable superhydrophobic-superoleophilic cellulose/LDH membrane with hierarchical structure for efficiency oil/water separation. <i>Chemical Engineering Journal</i> , <b>2017</b> , 328, 117-123	14.7	131
305	Recyclable biomass carbon@SiO <sub>2</sub> @MnO <sub>2</sub> aerogel with hierarchical structures for fast and selective oil-water separation. <i>Chemical Engineering Journal</i> , <b>2018</b> , 351, 622-630	14.7	128
304	Dynamically PEGylated and Borate-Coordination-Polymer-Coated Polydopamine Nanoparticles for Synergetic Tumor-Targeted, Chemo-Photothermal Combination Therapy. <i>Small</i> , <b>2018</b> , 14, e1703968	11	125
303	UV-curable waterborne polyurethane-acrylate: preparation, characterization and properties. <i>Progress in Organic Coatings</i> , <b>2012</b> , 73, 47-53	4.8	118
302	Heterogeneous solid base nanocatalyst: preparation, characterization and application in biodiesel production. <i>Bioresource Technology</i> , <b>2011</b> , 102, 4150-6	11	110
301	Hybrid aerogels derived from banana peel and waste paper for efficient oil absorption and emulsion separation. <i>Journal of Cleaner Production</i> , <b>2018</b> , 199, 411-419	10.3	103
300	Sustainable, Flexible, and Superhydrophobic Functionalized Cellulose Aerogel for Selective and Versatile Oil/Water Separation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 9984-9994	8.3	92
299	An all-solid-state Z-scheme TiO <sub>2</sub> /ZnFe <sub>2</sub> O <sub>4</sub> photocatalytic system for the N <sub>2</sub> photofixation enhancement. <i>Chemical Engineering Journal</i> , <b>2019</b> , 371, 286-293	14.7	87
298	Uncapped nanobranched CuS clews used as an efficient peroxidase mimic enable the visual detection of hydrogen peroxide and glucose with fast response. <i>Analytica Chimica Acta</i> , <b>2016</b> , 947, 42-49	6.6	86
297	Graphene oxide based molecularly imprinted polymers with double recognition abilities: The combination of covalent boronic acid and traditional non-covalent monomers. <i>Chemical Engineering Journal</i> , <b>2016</b> , 290, 220-231	14.7	84
296	A facile hydrothermal synthesis, adsorption kinetics and isotherms to Congo Red azo-dye from aqueous solution of NiO/graphene nanosheets adsorbent. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 26, 354-363	6.3	79

295	A smartphone-integrated ready-to-use paper-based sensor with mesoporous carbon-dispersed Pd nanoparticles as a highly active peroxidase mimic for H <sub>2</sub> O <sub>2</sub> detection. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 265, 412-420	8.5	78
294	The synthesis of hierarchical porous Al <sub>2</sub> O <sub>3</sub> /acrylic resin composites as durable, efficient and recyclable absorbents for oil/water separation. <i>Chemical Engineering Journal</i> , <b>2017</b> , 309, 522-531	14.7	72
293	Preparation, characterization and application of heterogeneous solid base catalyst for biodiesel production from soybean oil. <i>Biomass and Bioenergy</i> , <b>2011</b> , 35, 2787-2795	5.3	66
292	Preparation, mechanical properties and surface morphologies of waterborne fluorinated polyurethane-acrylate. <i>Progress in Organic Coatings</i> , <b>2013</b> , 76, 876-883	4.8	64
291	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> , <b>2019</b> , 114, 154-162	4.9	64
290	Preparation, characterization and photocatalytic application of TiO <sub>2</sub> /graphene photocatalyst under visible light irradiation. <i>Ceramics International</i> , <b>2015</b> , 41, 2502-2511	5.1	63
289	Coupling with a narrow-band-gap semiconductor for enhancement of visible-light photocatalytic activity: preparation of Bi <sub>2</sub> S <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> and application for degradation of RhB. <i>RSC Advances</i> , <b>2015</b> , 5, 24944-24952	3.7	62
288	Superhydrophobic, ultralight and flexible biomass carbon aerogels derived from sisal fibers for highly efficient oil/water separation. <i>Cellulose</i> , <b>2018</b> , 25, 3067-3078	5.5	61
287	Histidine-mediated tunable peroxidase-like activity of nanosized Pd for photometric sensing of Ag <sup>+</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 273, 400-407	8.5	61
286	A novel hierarchical hollow SiO <sub>2</sub> @MnO <sub>2</sub> cubes reinforced elastic polyurethane foam for the highly efficient removal of oil from water. <i>Chemical Engineering Journal</i> , <b>2017</b> , 327, 539-547	14.7	61
285	Synthesis and properties of polymer containing azo-dye chromophores for nonlinear optical applications. <i>Dyes and Pigments</i> , <b>2007</b> , 75, 454-459	4.6	60
284	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> , <b>2018</b> , 180, 307-315	10.3	59
283	Preparation of Efficient, Stable, and Reusable Laccase/Cu <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> Hybrid Microspheres Based on Copper Foil for Decoloration of Congo Red. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 4468-4477	8.3	58
282	A versatile strategy to fabricate dual-imprinted porous adsorbent for efficient treatment co-contamination of Ecyhalothrin and copper(II). <i>Chemical Engineering Journal</i> , <b>2018</b> , 332, 517-527	14.7	58
281	Multifunctional Janus fibrous hybrid membranes with sandwich structure for on-demand personal thermal management. <i>Nano Energy</i> , <b>2019</b> , 63, 103808	17.1	57
280	Janus ZnO-cellulose/MnO <sub>2</sub> hybrid membranes with asymmetric wettability for highly-efficient emulsion separations. <i>Cellulose</i> , <b>2018</b> , 25, 5951-5965	5.5	57
279	A peroxidase-mimicking nanosensor with Hg <sup>2+</sup> -triggered enzymatic activity of cysteine-decorated ferromagnetic particles for ultrasensitive Hg <sup>2+</sup> detection in environmental and biological fluids. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 281, 445-452	8.5	55
278	Surface charge engineering of nanosized CuS via acidic amino acid modification enables high peroxidase-mimicking activity at neutral pH for one-pot detection of glucose. <i>Chemical Communications</i> , <b>2018</b> , 54, 13443-13446	5.8	53

277	Wulff-type boronic acids suspended hierarchical porous polymeric monolith for the specific capture of cis -diol-containing flavone under neutral condition. <i>Chemical Engineering Journal</i> , <b>2017</b> , 317, 317-330	14.7	51
276	Adsorption Behavior of Azo Dye Eriochrome Black T from Aqueous Solution by $\beta$ -Cyclodextrins/Polyurethane Foam Material. <i>Polymer-Plastics Technology and Engineering</i> , <b>2013</b> , 52, 452-460		51
275	A facile strategy toward 3D hydrophobic composite resin network decorated with biological ellipsoidal structure rapeseed flower carbon for enhanced oils and organic solvents selective absorption. <i>Chemical Engineering Journal</i> , <b>2017</b> , 322, 397-407	14.7	50
274	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> , <b>2018</b> , 122, 10-18	4.8	50
273	Facile fabrication of hollow biochar carbon-doped TiO <sub>2</sub> /CuO composites for the photocatalytic degradation of ammonia nitrogen from aqueous solution. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 770, 1055-1063	5.7	50
272	Enhanced visible light photocatalytic activity of W-doped porous g-C <sub>3</sub> N <sub>4</sub> and effect of H <sub>2</sub> O <sub>2</sub> . <i>Materials Letters</i> , <b>2016</b> , 164, 127-131	3.3	49
271	Preparation, characterization of UV-Curable Waterborne Polyurethane-Acrylate and the application in metal iron surface protection. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 130, 3142-3152	2.9	49
270	Optimization of biodiesel production process from soybean oil using the sodium potassium tartrate doped zirconia catalyst under Microwave Chemical Reactor. <i>Bioresource Technology</i> , <b>2013</b> , 137, 220-5	11	48
269	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> , <b>2018</b> , 555, 314-323	5.1	47
268	Preparation of ternary combined ZnO-Ag <sub>2</sub> O/porous g-C <sub>3</sub> N <sub>4</sub> composite photocatalyst and enhanced visible-light photocatalytic activity for degradation of ciprofloxacin. <i>Chemical Engineering Research and Design</i> , <b>2016</b> , 111, 253-261	5.5	47
267	Hierarchically porous bismuth oxide/layered double hydroxide composites: Preparation, characterization and iodine adsorption. <i>Journal of Cleaner Production</i> , <b>2017</b> , 144, 220-227	10.3	46
266	Kinetic, isotherm and thermodynamic studies for removal of methyl orange using a novel $\beta$ -cyclodextrin functionalized graphene oxide-isophorone diisocyanate composites. <i>Chemical Engineering Research and Design</i> , <b>2016</b> , 106, 168-177	5.5	46
265	Ultralong MnO <sub>2</sub> Nanowire Enhanced Multiwall Carbon Nanotube Hybrid Membrane with Underwater Superoleophobicity for Efficient Oil-in-Water Emulsions Separation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 10439-10447	3.9	46
264	Preparation of biodiesel from soybean oil catalyzed by Al-Ca hydrotalcite loaded with K <sub>2</sub> CO <sub>3</sub> as heterogeneous solid base catalyst. <i>Fuel Processing Technology</i> , <b>2014</b> , 126, 383-391	7.2	45
263	Adsorption and photodegradation synergetic removal of methylene blue from aqueous solution by NiO/graphene oxide nanocomposite. <i>Powder Technology</i> , <b>2015</b> , 275, 322-328	5.2	45
262	Adsorption behavior of crystal violet from aqueous solutions with chitosan/graphite oxide modified polyurethane as an adsorbent. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132,	2.9	45
261	Preparation of hierarchical micro/nanostructured Bi <sub>2</sub> S <sub>3</sub> -WO <sub>3</sub> composites for enhanced photocatalytic performance. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 685, 812-819	5.7	45
260	Synthesis of porous g-C <sub>3</sub> N <sub>4</sub> /La and enhanced photocatalytic activity for the degradation of phenol under visible light irradiation. <i>Journal of Solid State Chemistry</i> , <b>2015</b> , 230, 126-134	3.3	44

259	Preparation, characterization and properties of UV-curable waterborne polyurethane acrylate/SiO <sub>2</sub> coating <b>2012</b> , 9, 503-514		44
258	Recent progress and future prospects of oil-absorbing materials. <i>Chinese Journal of Chemical Engineering</i> , <b>2019</b> , 27, 1282-1295	3.2	44
257	Superhydrophobic Hierarchical Biomass Carbon Aerogel Assembled with TiO <sub>2</sub> Nanorods for Selective Immiscible Oil/Water Mixture and Emulsion Separation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 14758-14766	3.9	43
256	Fabrication of hydrophobic and oleophilic polyurethane foam sponge modified with hydrophobic Al <sub>2</sub> O <sub>3</sub> for oil/water separation. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 58, 369-375	6.3	42
255	Hierarchical porous molecule/ion imprinted polymers with double specific binding sites: Combination of Pickering HIPEs template and pore-filled strategy. <i>Chemical Engineering Journal</i> , <b>2016</b> , 301, 210-221	14.7	42
254	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> , <b>2019</b> , 535, 363-370	9.3	41
253	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> , <b>2018</b> , 142, 83-92	8.1	40
252	Flexible, versatility and superhydrophobic biomass carbon aerogels derived from corn bracts for efficient oil/water separation. <i>Food and Bioproducts Processing</i> , <b>2019</b> , 115, 134-142	4.9	39
251	Facile assembly of hollow polydopamine capsules onto macroporous poly(glycidyl methacrylate) foams for simultaneous removal of Deltamethrin and copper ions. <i>Chemical Engineering Journal</i> , <b>2016</b> , 302, 670-681	14.7	39
250	Controllable fabrication of tendril-inspired hierarchical hybrid membrane for efficient recovering tellurium from photovoltaic waste. <i>Journal of Cleaner Production</i> , <b>2019</b> , 230, 966-973	10.3	38
249	Study on the application of waste bricks in emulsified oil-water separation. <i>Journal of Cleaner Production</i> , <b>2020</b> , 251, 119609	10.3	37
248	Removal of brilliant green from aqueous solutions based on polyurethane foam adsorbent modified with coal. <i>Journal of Cleaner Production</i> , <b>2016</b> , 137, 51-59	10.3	36
247	A molecularly-imprinted-electrochemical-sensor modified with nano-carbon-dots with high sensitivity and selectivity for rapid determination of glucose. <i>Analytical Biochemistry</i> , <b>2018</b> , 555, 42-49	3.1	36
246	Preparation, characterization and scale performance of scale inhibitor copolymer modification with chitosan. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2012</b> , 18, 2177-2183	6.3	35
245	Sea Urchin-Like MOF-Derived Formation of Porous Cu <sub>3</sub> P@C as an Efficient and Stable Electrocatalyst for Oxygen Evolution and Hydrogen Evolution Reactions. <i>Advanced Materials Interfaces</i> , <b>2019</b> , 6, 1900502	4.6	33
244	The synthesis and electro-optic properties of polyimide/silica hybrids containing the benzothiazole chromophore. <i>Dyes and Pigments</i> , <b>2008</b> , 77, 564-569	4.6	33
243	Enhanced As(III) Removal from aqueous solutions by recyclable Cu@MNM composite membranes via synergistic oxidation and absorption. <i>Water Research</i> , <b>2020</b> , 168, 115147	12.5	33
242	Preparation of Ag@AgBr/TiO <sub>2</sub> /graphene and its visible light photocatalytic activity enhancement for the degradation of polyacrylamide. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 639, 153-161	5.7	32

241	Non-noble metal@carbon nanosheet derived from exfoliated MOF crystal as highly reactive and stable heterogeneous catalyst. <i>Applied Surface Science</i> , <b>2018</b> , 447, 222-234	6.7	32
240	Fabrication of functional biomass carbon aerogels derived from sisal fibers for application in selenium extraction. <i>Food and Bioproducts Processing</i> , <b>2018</b> , 111, 93-103	4.9	32
239	One-Pot Anchoring of Pd Nanoparticles on Nitrogen-Doped Carbon through Dopamine Self-Polymerization and Activity in the Electrocatalytic Methanol Oxidation Reaction. <i>ChemSusChem</i> , <b>2017</b> , 10, 976-983	8.3	31
238	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> , <b>2019</b> , 7, 233-239	7.3	30
237	Self-directed hierarchical Cu <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> /Cu-BDC nanosheets array based on copper foam as an efficient and durable electrocatalyst for overall water splitting. <i>Electrochimica Acta</i> , <b>2019</b> , 313, 179-188	6.7	30
236	Fabrication of Single-Layer Graphitic Carbon Nitride and Coupled Systems for the Photocatalytic Degradation of Dyes under Visible-Light Irradiation. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1359-1367	2.3	30
235	Synthesis of MnO <sub>2</sub> /poly(n-butylacrylate-co-butyl methacrylate-co-methyl methacrylate) hybrid resins for efficient oils and organic solvents absorption. <i>Journal of Cleaner Production</i> , <b>2017</b> , 148, 398-406	10.3	29
234	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> , <b>2018</b> , 171, 264-274	10.3	29
233	Synthesis and characterization of porous fibers/polyurethane foam composites for selective removal of oils and organic solvents from water. <i>RSC Advances</i> , <b>2016</b> , 6, 86510-86519	3.7	29
232	Recovery of tellurium from aqueous solutions by adsorption with magnetic nanoscale zero-valent iron (NZVFe). <i>Hydrometallurgy</i> , <b>2018</b> , 177, 1-8	4	28
231	Highly sensitive and specific colorimetric detection of phosphate by using Zr(IV) to synergistically suppress the peroxidase-mimicking activity of hydrophilic Fe <sub>3</sub> O <sub>4</sub> nanocubes. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 297, 126822	8.5	28
230	Preparation, mechanical properties of waterborne polyurethane and crosslinked polyurethane-acrylate composite. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 124, 958-968	2.9	28
229	Highly active and durable methanol electro-oxidation catalyzed by small palladium nanoparticles inside sulfur-doped carbon microsphere. <i>Fuel</i> , <b>2017</b> , 190, 174-181	7.1	28
228	Removal of malachite green from the contaminated water using a water-soluble melamine/maleic anhydride sorbent. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 3808-3814	6.3	28
227	Three-in-one strategy for selective adsorption and effective separation of cis-diol containing luteolin from peanut shell coarse extract using PU/GO/BA-MOF composite. <i>Chemical Engineering Journal</i> , <b>2016</b> , 306, 655-666	14.7	28
226	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> , <b>2020</b> , 191, 111025	6	28
225	Three hidden talents in one framework: a terephthalic acid-coordinated cupric metal-organic framework with cascade cysteine oxidase- and peroxidase-mimicking activities and stimulus-responsive fluorescence for cysteine sensing. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 6207-6211	7.3	28
224	Enhanced supercapacitor performances using C-doped porous TiO <sub>2</sub> electrodes. <i>Applied Surface Science</i> , <b>2015</b> , 356, 553-560	6.7	27



223	In situ fabrication dynamic carbon fabrics membrane with tunable wettability for selective oil/water separation. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 61, 188-196	6.3	27
222	Two Are Better than One: Halloysite Nanotubes-Supported Surface Imprinted Nanoparticles Using Synergy of Metal Chelating and Low pK Boronic Acid Monomers for Highly Specific Luteolin Binding under Neutral Condition. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 33191-33202	9.5	27
221	Waterborne Polyurethane-Acrylate Containing Different Polyether Polyols: Preparation and Properties. <i>Polymer-Plastics Technology and Engineering</i> , <b>2012</b> , 51, 50-57		27
220	Polyurethane-Attapulgite porous material: Preparation, characterization, and application for dye adsorption. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 129, 1697-1706	2.9	27
219	Facile fabrication of bifunctional ZIF-L/cellulose composite membrane for efficient removal of tellurium and antibacterial effects. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 416, 125888	12.8	27
218	A robust Janus fibrous membrane with switchable infrared radiation properties for potential building thermal management applications. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 8344-8352	13	26
217	Preparation, Morphology and Properties of Waterborne-Polyurethane/Silica. <i>Polymer-Plastics Technology and Engineering</i> , <b>2011</b> , 50, 498-508		26
216	Fabrication of a novel hierarchical flower-like hollow structure Ag <sub>2</sub> WO <sub>4</sub> /WO <sub>3</sub> photocatalyst and its enhanced visible-light photocatalytic activity. <i>Powder Technology</i> , <b>2017</b> , 317, 287-292	5.2	25
215	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> , <b>2018</b> , 256, 151-159	8.5	25
214	Highly dispersive NiCoS nanoparticles anchored on nitrogen-doped carbon nanofibers for efficient hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 294-303	9.3	25
213	Multipath fabrication of hierarchical CuAl layered double hydroxide/carbon fiber composites for the degradation of ammonia nitrogen. <i>Journal of Environmental Management</i> , <b>2018</b> , 220, 173-182	7.9	25
212	A facile one-pot synthesis of fluorescent carbon dots from degrease cotton for the selective determination of chromium ions in water and soil samples. <i>Journal of Luminescence</i> , <b>2017</b> , 188, 230-237	3.8	24
211	Preparation of economical and environmentally friendly graphene/palygorskite/TiO <sub>2</sub> composites and its application for the removal of methylene blue. <i>Applied Clay Science</i> , <b>2016</b> , 121-122, 137-145	5.2	24
210	Bi <sub>2</sub> Te <sub>3</sub> sheet contributing to the formation of flower-like BiOCl composite and its N <sub>2</sub> photofixation ability enhancement. <i>Catalysis Communications</i> , <b>2018</b> , 116, 16-19	3.2	24
209	Preparation of graphite oxide/polyurethane foam material and its removal application of malachite green from aqueous solution. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131,	2.9	24
208	Environmentally Friendly Polyurethane Composites: Preparation, Characterization and Mechanical Properties. <i>Journal of Polymers and the Environment</i> , <b>2010</b> , 18, 128-134	4.5	24
207	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> , <b>2020</b> , 206, 110336	6.4	24
206	Trace Iodide Dramatically Accelerates the Peroxidase Activity of VO <sub>x</sub> at ppb-Concentration Levels. <i>ChemistrySelect</i> , <b>2017</b> , 2, 10854-10859	1.8	23

205	Biodiesel production from soybean oil using heterogeneous solid base catalyst. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2014</b> , 89, 988-997	3.5	23
204	Preparation and Application of Polymers as Inhibitors for Calcium Carbonate and Calcium Phosphate Scales. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2013</b> , 62, 323-329	3.29	23
203	Preparation, morphological and thermal stability of polyimide/silica hybrid material containing dye NBDPA. <i>Dyes and Pigments</i> , <b>2006</b> , 71, 37-42	4.6	23
202	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> , <b>2019</b> , 95, 515-524	5.3	23
201	Preparation and application of copolymer modified with the palygorskite as inhibitor for calcium carbonate scale. <i>Applied Clay Science</i> , <b>2014</b> , 99, 187-193	5.2	22
200	Synthesis and application of terpolymer scale inhibitor in the presence of $\beta$ -cyclodextrins. <i>Journal of Petroleum Science and Engineering</i> , <b>2013</b> , 109, 177-186	4.4	22
199	Synthesis, characterization, thermal stability and thermo-optical properties of poly(urethane-imide). <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 135, 449-454	8.5	22
198	Fabrication of fluorescent carbon dots-linked isophorone diisocyanate and $\beta$ -cyclodextrin for detection of chromium ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 179, 163-170	4.4	21
197	In situ fabrication of dynamic nano zero-valent iron/activated carbon nanotubes membranes for tellurium separation. <i>Chemical Engineering Science</i> , <b>2019</b> , 205, 278-286	4.4	21
196	Fabrication of Flexible and Superhydrophobic Melamine Sponge with Aligned Copper Nanoparticle Coating for Self-Cleaning and Dual Thermal Management Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 4844-4852	3.9	21
195	Laminated Fibrous Membrane Inspired by Polar Bear Pelt for Outdoor Personal Radiation Management. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 12285-12293	9.5	20
194	Transesterification of soybean oil and analysis of bioproduct. <i>Food and Bioproducts Processing</i> , <b>2012</b> , 90, 135-140	4.9	20
193	Preparation, characterization, and properties of environmentally friendly waterborne poly(urethane acrylate)/silica hybrids. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 119, 1683-1695	2.9	20
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186	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> , <b>2019</b> , 151, 242-251	5.5	18
185	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> , <b>2019</b> , 202, 110125	6.4	17
184	Synthesis of Mn <sub>2</sub> O <sub>3</sub> /poly(styrene-co-butyl methacrylate) resin composites and their oil-absorbing properties. <i>RSC Advances</i> , <b>2015</b> , 5, 101186-101192	3.7	17
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178	Fabrication of hydrophobic polymer foams with double acid sites on surface of macropore for conversion of carbohydrate. <i>Carbohydrate Polymers</i> , <b>2016</b> , 143, 212-22	10.3	16
177	Preparation and Properties of Graphene Oxide-Modified Waterborne Polyurethane-Acrylate Hybrids. <i>Polymer-Plastics Technology and Engineering</i> , <b>2014</b> , 53, 1408-1416		16
176	Transesterification of Soybean Oil to Biodiesel in a Microwave-Assisted Heterogeneous Catalytic System. <i>Chemical Engineering and Technology</i> , <b>2014</b> , 37, 283-292	2	16
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171	Controllable preparation of FeOOH/CuO@WBC composite based on water bamboo cellulose applied for enhanced arsenic removal. <i>Food and Bioproducts Processing</i> , <b>2020</b> , 123, 177-187	4.9	16
170	In situ construction MoS <sub>2</sub> -Pt nanosheets on 3D MOF-derived S, N-doped carbon substrate for highly efficient alkaline hydrogen evolution reaction. <i>Chemical Engineering Journal</i> , <b>2021</b> , 412, 127556	14.7	16

169	Facile and Controlled Fabrication of Cu <sup>II</sup> /Al 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> , <b>2018</b> , 1, 284-292	5.6	16
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164	Preparation and application of Mg <sup>II</sup> /Al composite oxide/coconut shell carbon fiber for effective removal of phosphorus from domestic sewage. <i>Food and Bioproducts Processing</i> , <b>2021</b> , 126, 293-304	4.9	15
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162	Hierarchical structurized waste brick with opposite wettability for on-demand oil/water separation. <i>Chemosphere</i> , <b>2020</b> , 251, 126348	8.4	14
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160	Preparation and properties of UV-curable waterborne graphene oxide/polyurethane-acrylate composites. <i>Plastics, Rubber and Composites</i> , <b>2014</b> , 43, 54-62	1.5	14
159	Preparation, Characterization and Dye Decolorization Application of Chitosan/Polyurethane Foam Material. <i>Polymer-Plastics Technology and Engineering</i> , <b>2012</b> , 51, 754-759		14
158	Laminated superwetting aerogel/membrane composite with large pore sizes for efficient separation of surfactant-stabilized water-in-oil emulsions. <i>Chemical Engineering Science</i> , <b>2020</b> , 215, 115430	4.4	14
157	Fe <sub>3</sub> O <sub>4</sub> @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> , <b>2020</b> , 34, e5415	3.1	14
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152	Simultaneous adsorption of Li(I) and Rb(I) by dual crown ethers modified magnetic ion imprinting polymers. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4778	3.1	13

151	Superwetting rape pollen layer for emulsion switchable separation with high flux. <i>Chemical Engineering Science</i> , <b>2019</b> , 203, 237-246	4.4	13
150	Simple formation of chitosan tablet with self-supporting blocks: Fe <sup>3+</sup> -mediated supramolecular coordination. <i>Chemical Engineering Journal</i> , <b>2018</b> , 341, 648-657	14.7	13
149	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> , <b>2018</b> , 32, e41821	3.1	13
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146	Preparation and application of modified carboxymethyl cellulose Si/polyacrylate protective coating material for paper relics. <i>Chemical Papers</i> , <b>2016</b> , 70,	1.9	13
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143	In situ fabrication of ZnO nanorods/Ag hybrid film with high mid-infrared reflectance for applications in energy efficient windows. <i>Optical Materials</i> , <b>2019</b> , 94, 322-329	3.3	12
142	Non-enzymatic glucose sensor based on molecularly imprinted polymer: a theoretical, strategy fabrication and application. <i>Journal of Solid State Electrochemistry</i> , <b>2019</b> , 23, 1379-1388	2.6	12
141	Efficient removal of As(III) via the synergistic effect of oxidation and absorption by FeOOH@MnO@CAM nano-hybrid adsorption membrane. <i>Chemosphere</i> , <b>2020</b> , 258, 127329	8.4	12
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134	Effective loading of well-doped ZnO/Ag <sub>3</sub> PO <sub>4</sub> nanohybrids on magnetic core via one step for promoting its photocatalytic antibacterial activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 603, 125187	5.1	12

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| 131 | Fabrication of sandwich-structured cellulose composite membranes for switchable infrared radiation. <i>Cellulose</i> , <b>2019</b> , 26, 8745-8757  | 5.5 | 11 |
| 130 | Removal of basic fuchsin dye from aqueous solutions using graphite oxide modified aromatic polyurethane foam material. <i>Toxicological and Environmental Chemistry</i> , <b>2014</b> , 96, 849-860   | 1.4 | 11 |
| 129 | Preparation, Characterization, and Inhibition Efficiency of Quadripolymer for Use as Scale Inhibitor. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2012</b> , 17, 321-332   | 1.7 | 11 |
| 128 | Laminated Cellulose Hybrid Membranes with Triple Thermal Insulation Functions for Personal Thermal Management Application. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 15936-15945  | 8.3 | 11 |
| 127 | Construction of sheet-on-sheet hierarchical MoS <sub>2</sub> /NiS <sub>2</sub> heterostructures as efficient bifunctional electrocatalysts for overall water splitting. <i>Electrochimica Acta</i> , <b>2021</b> , 385, 138438  | 6.7 | 11 |
| 126 | Preparation and artificial ageing tests in stone conservation of fluorosilicone vinyl acetate/acrylic/epoxy polymers. <i>Chemical Papers</i> , <b>2016</b> , 70,  | 1.9 | 11 |
| 125 | Ion/molecule imprinted polymers with double binding sites via twice imprinting strategy for selective and simultaneous removal of Etyhalothrin and Cu(II). <i>Journal of Industrial and Engineering Chemistry</i> , <b>2017</b> , 49, 198-207   | 6.3 | 10 |
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| 123 | In situ fabrication and infrared emissivity properties of oriented LDHs films on Al substrates. <i>RSC Advances</i> , <b>2015</b> , 5, 82415-82420  | 3.7 | 10 |
| 122 | Fabrication of UV-curable waterborne fluorinated polyurethane-acrylate and its application for simulated iron cultural relic protection <b>2018</b> , 15, 535-541   |     | 10 |
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13	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> , <b>2021</b> , 170, 106705	4.8	1
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