

# Yongsheng Yan

## 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.

262  
papers

8,240  
citations

50  
h-index

72  
g-index

265  
ext. papers

10,271  
ext. citations

7.5  
avg, IF

6.76  
L-index

#	Paper	IF	Citations
262	Simultaneous removal of phosphorus and soluble organic pollutants by a novel organic/inorganic nanocomposite membrane via Zr(OH) <sub>4</sub> in-situ decoration. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2022</b> , 131, 104165	5.3	0
261	Photocatalysis over NH <sub>2</sub> -UiO-66/CoFe <sub>2</sub> O <sub>4</sub> /CdIn <sub>2</sub> S <sub>4</sub> double p-n junction: Significantly promoting photocatalytic performance by double internal electric fields. <i>Chemical Engineering Journal</i> , <b>2022</b> , 435, 134740	14.7	3
260	Fabrication of silver vanadate quantum dots/reduced graphene oxide/graphitic carbon nitride Z-scheme heterostructure modified polyvinylidene fluoride self-cleaning membrane for enhancing photocatalysis and mechanism insight.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 614, 677-689	9.3	4
259	Mesoporous silica-based molecularly imprinted fluorescence sensor for the ultrafast and sensitive recognition of oxytetracycline. <i>Journal of Food Composition and Analysis</i> , <b>2022</b> , 108, 104427	4.1	0
258	A deep insight for TBBPA imprinting on PVP-assisted separation membrane: Elucidation of detailed chemical transition in membrane preparation and imprinting process. <i>Chemical Engineering Journal</i> , <b>2022</b> , 436, 135024	14.7	0
257	Leaf-Vein structure like g-C <sub>3</sub> N <sub>4</sub> /P-MWNTs donor-accepter hybrid catalyst for efficient CO <sub>2</sub> photoreduction. <i>Carbon</i> , <b>2022</b> , 188, 59-69	10.4	3
256	Tailor-made double-face imprinted membrane with ultra-high specific surface area asymmetric structure through a connective method of dip-coating and delayed phase inversion for selective adsorption of cadmium ion. <i>Separation and Purification Technology</i> , <b>2022</b> , 280, 119865	8.3	1
255	Design of self-cleaning molecularly imprinted membrane with antibacterial ability for high-selectively separation of ribavirin. <i>Journal of Membrane Science</i> , <b>2022</b> , 642, 119994	9.6	7
254	Interior and Surface Synergistic Modifications Modulate the SnNbO/Ni-Doped ZnInS S-Scheme Heterojunction for Efficient Photocatalytic H Evolution.. <i>Inorganic Chemistry</i> , <b>2022</b> ,	5.1	2
253	In-situ synthesis of CNT/UiO-66-NH <sub>2</sub> -based molecularly imprinted nanocomposite membranes for selective recognition and separation of sulfamethoxazole: A synergistic promotion system. <i>Surfaces and Interfaces</i> , <b>2022</b> , 101986	4.1	
252	Fluid-Induced Piezoelectric Field Enhancing Photocatalytic Hydrogen Evolution Reaction on g-C <sub>3</sub> N <sub>4</sub> /LiNbO <sub>3</sub> /PVDF Membrane. <i>Nano Energy</i> , <b>2022</b> , 107429	17.1	0
251	Thickness regulation of graphitic carbon nitride and its influence on the photocatalytic performance towards CO <sub>2</sub> reduction. <i>Applied Surface Science</i> , <b>2021</b> , 151810	6.7	3
250	Magnetic induced fabrication of core-shell structure Fe <sub>3</sub> O <sub>4</sub> @TiO <sub>2</sub> photocatalytic membrane: enhancing photocatalytic degradation of tetracycline and antifouling performance. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 106666	6.8	2
249	Facile synthesis of PVDF photocatalytic membrane based on NCQDs/BiOBr/TiO <sub>2</sub> heterojunction for effective removal of tetracycline. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2021</b> , 265, 114996	3.1	5
248	Synergy between Cu doping and catalytic platform in 2D Ni-MOFs/Cu-Zn <sub>0.5</sub> Cd <sub>0.5</sub> S for efficient water-to-hydrogen conversion. <i>Chemical Engineering Journal</i> , <b>2021</b> , 410, 128316	14.7	12
247	High Efficiency Phosphate Removal Was Achieved by Lanthanum-Modified Mesoporous Silica Aerogels with Cellulose-Guided Templates. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 5352-5363	3.9	5
246	Fabrication of crosslinking modified PVDF/GO membrane with acid, alkali and salt resistance for efficient oil-water emulsion separation. <i>Separation and Purification Technology</i> , <b>2021</b> , 265, 118528	8.3	21

245	Fabricating intramolecular donor-acceptor system via covalent bonding of carbazole to carbon nitride for excellent photocatalytic performance towards CO conversion. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 594, 550-560	9.3	7
244	Ag/BiOI/C enhanced photocatalytic activity under visible light irradiation. <i>Journal of Dispersion Science and Technology</i> , <b>2021</b> , 42, 1116-1124	1.5	2
243	Irregular dot array nanocomposite molecularly imprinted membranes with enhanced antibacterial property: Synergistic promotion of selectivity, rebinding capacity and flux. <i>Chemical Engineering Journal</i> , <b>2021</b> , 405, 126716	14.7	22
242	Mixed matrix membranes for rubidium-dependent recognition and separation: A synergistic recombination design based on electrostatic interactions. <i>Separation and Purification Technology</i> , <b>2021</b> , 255, 117727	8.3	13
241	Investigation of catalytic self-cleaning process of multiple active species decorated macroporous PVDF membranes through peroxymonosulfate activation. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 586, 178-189	9.3	15
240	Boosting charge carriers separation and migration efficiency via fabricating all organic van der Waals heterojunction for efficient photoreduction of CO <sub>2</sub> . <i>Chemical Engineering Journal</i> , <b>2021</b> , 408, 127292	14.7	10
239	In situ construction of BiVO <sub>4</sub> (-)/cellulose fibers@CDs(-)/polyvinyl alcohol composites for tetracycline photocatalytic degradation. <i>Science China Technological Sciences</i> , <b>2021</b> , 64, 548-558	3.5	4
238	CeO <sub>2</sub> /3D g-C <sub>3</sub> N <sub>4</sub> heterojunction deposited with Pt cocatalyst for enhanced photocatalytic CO <sub>2</sub> reduction. <i>Applied Surface Science</i> , <b>2021</b> , 537, 147891	6.7	62
237	Facile preparation of superhydrophilic/underwater superoleophobic cellulose membrane with CaCO <sub>3</sub> particles for oil/water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 608, 125583	5.1	18
236	Confinement of ultrasmall CoFeO nanoparticles in hierarchical ZnInS microspheres with enhanced interfacial charge separation for photocatalytic H <sub>2</sub> evolution. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 581, 764-773	9.3	32
235	Enhanced electron-hole separation in SnS <sub>2</sub> /Au/g-C <sub>3</sub> N <sub>4</sub> embedded structure for efficient CO <sub>2</sub> photoreduction. <i>Chemical Engineering Journal</i> , <b>2021</b> , 406, 126776	14.7	26
234	NiP QDs decorated in the multi-shelled CaTiO <sub>3</sub> cube for creating inter-shelled channel active sites to boost photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 584, 332-343	9.3	2
233	Biomimetic design and synthesis of visible-light-driven g-CN nanotube @polydopamine/NiCo-layered double hydroxides composite photocatalysts for improved photocatalytic hydrogen evolution activity. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 584, 464-473	9.3	21
232	Facile preparation of metal-polyphenol coordination complex coated PVDF membrane for oil/water emulsion separation. <i>Separation and Purification Technology</i> , <b>2021</b> , 258, 118022	8.3	16
231	Rationally constructing of a novel 2D/2D WO <sub>3</sub> /Pt/g-CN Schottky-Ohmic junction towards efficient visible-light-driven photocatalytic hydrogen evolution and mechanism insight. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 586, 576-587	9.3	23
230	MOFs derived 3D sea urchin-like carbon frameworks loaded on PVDF membranes as PMS activator for highly efficient bisphenol A degradation. <i>Separation and Purification Technology</i> , <b>2021</b> , 258, 117669	8.3	24
229	A hydrophobic polymer stabilized CsPbBr <sub>3</sub> sensor for environmental pollutant detection. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 930-938	3.6	2
228	Boosting charge carrier separation efficiency by constructing an intramolecular DA system towards efficient photoreduction of CO <sub>2</sub> . <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 6042-6052	3.6	2

227	Molecularly Imprinted Fluorescent Sensors Based on Nitrogen-Doped CDs for Highly Selective Detection of Aspirin. <i>Nano</i> , <b>2021</b> , 16, 2150019	1.1	2
226	The synthesis and electrochemical properties of low-crystallinity iron silicate derived from reed leaves as a supercapacitor electrode material. <i>Dalton Transactions</i> , <b>2021</b> , 50, 8917-8926	4.3	7
225	Hierarchical Porous Nitrogen-Doped Carbon Catalyst by the Pickering HIPE Technique: Synthesis and Application in HMF Production. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 4191-4202	4.1	2
224	Boosting H <sub>2</sub> Production over C <sub>3</sub> N <sub>4</sub> -Mediated NH <sub>2</sub> -MIL-125(Ti)/Zn Cd S S-Scheme Heterojunction via Enhanced Interfacial Carrier Separation. <i>Small</i> , <b>2021</b> , 17, e2102539	11	9
223	Fabrication of a Modified Polysulfone Membrane Using Molecular Imprinting Technique for Selective Separation of Tetracycline from the Environment. <i>Journal of Environmental Engineering, ASCE</i> , <b>2021</b> , 147, 04021029	2	0
222	Interface engineering of CoS/CdInS ohmic junction for efficient photocatalytic H <sub>2</sub> evolution under visible light. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 600, 794-803	9.3	11
221	A novel mixed matrix polysulfone membrane for enhanced ultrafiltration and photocatalytic self-cleaning performance. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 599, 178-189	9.3	9
220	1D/2D nanoconfinement Fe <sub>3</sub> O <sub>4</sub> and nitrogen-doped carbon matrix for catalytic self-cleaning membranes removal for pollutants. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 106076	6.8	2
219	Lawn-like Co <sub>3</sub> O <sub>4</sub> @N-doped carbon-based catalytic self-cleaning membrane with peroxymonosulfate activation: A highly efficient singlet oxygen dominated process for sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 421, 127805	14.7	17
218	G-C <sub>3</sub> N <sub>4</sub> quantum dots and Au nano particles co-modified CeO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> micro-flowers photocatalyst for enhanced CO <sub>2</sub> photoreduction. <i>Renewable Energy</i> , <b>2021</b> , 179, 756-765	8.1	6
217	A novel Co(OH) <sub>2</sub> /Cu <sub>2</sub> O nanocomposite-activated peroxydisulfate for the enhanced degradation of tetracycline. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 16705-16713	3.6	0
216	Accelerating the Design of ECD-PVDF-based Molecularly Imprinted Nanocomposite Membrane for Selective Separation: A Surface Functional Monomer-Directing Strategy. <i>Nano</i> , <b>2020</b> , 15, 2050138	1.1	1
215	Fabrication of Bi <sub>2</sub> WO <sub>6</sub> /In <sub>2</sub> O <sub>3</sub> photocatalysts with efficient photocatalytic performance for the degradation of organic pollutants: Insight into the role of oxygen vacancy and heterojunction. <i>Advanced Powder Technology</i> , <b>2020</b> , 31, 2890-2900	4.6	12
214	Enhanced light utilization efficiency and fast charge transfer for excellent CO photoreduction activity by constructing defect structures in carbon nitride. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 578, 574-583	9.3	27
213	In situ coupling of TiO <sub>2</sub> (B) and ZIF-8 with enhanced photocatalytic activity via effective defect. <i>CrystEngComm</i> , <b>2020</b> , 22, 4250-4259	3.3	6
212	Synergy between van der waals heterojunction and vacancy in ZnIn <sub>2</sub> S <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> 2D/2D photocatalysts for enhanced photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 277, 119254	21.8	148
211	Facile surface coating of metal-tannin complex onto PVDF membrane with underwater Superoleophobicity for oil-water emulsion separation. <i>Surface and Coatings Technology</i> , <b>2020</b> , 389, 125630	4.4	28
210	Visual monitoring of trace water in organic solvents based on ecofriendly b/r-CDs ratiometric fluorescence test paper. <i>Talanta</i> , <b>2020</b> , 216, 120958	6.2	10

209	Pickering HIPEs derived hierarchical porous nitrogen-doped carbon supported bimetallic AuPd catalyst for base-free aerobic oxidation of HMF to FDCA in water. <i>Fuel</i> , <b>2020</b> , 278, 118362	7.1	16
208	Antifouling molecularly imprinted membranes for pretreatment of milk samples: Selective separation and detection of lincomycin. <i>Food Chemistry</i> , <b>2020</b> , 333, 127477	8.5	23
207	Bidirectional molecularly imprinted membranes for selective recognition and separation of pyrimethamine: A double-faced loading strategy. <i>Journal of Membrane Science</i> , <b>2020</b> , 601, 117917	9.6	51
206	Carbon dots incorporated metal-organic framework for enhancing fluorescence detection performance. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 14153-14165	4.3	6
205	Fabricating C and O co-doped carbon nitride with intramolecular donor-acceptor systems for efficient photoreduction of CO <sub>2</sub> to CO. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 268, 118736	21.8	73
204	One-pot synthesis of HMF from carbohydrates over acid-base bi-functional carbonaceous catalyst supported on halloysite nanotubes. <i>Cellulose</i> , <b>2020</b> , 27, 3037-3054	5.5	28
203	Thermo-responsive functionalized PNIPAM@Ag/Ag <sub>3</sub> PO <sub>4</sub> /CN-heterostructure photocatalyst with switchable photocatalytic activity. <i>Chinese Journal of Catalysis</i> , <b>2020</b> , 41, 1573-1588	11.3	10
202	An acid/alkali-resistant cellulose membrane by rapidly depositing polydopamine and assembling BaSO <sub>4</sub> nanosheets for oil/water separation. <i>Cellulose</i> , <b>2020</b> , 27, 5169-5178	5.5	15
201	PVDF composite membrane with robust UV-induced self-cleaning performance for durable oil/water emulsions separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2020</b> , 110, 130-139	5.3	13
200	Z-scheme AgVO <sub>3</sub> /ZnIn <sub>2</sub> S <sub>4</sub> photocatalysts: One Stone and Two Birds strategy to solve photocorrosion and improve the photocatalytic activity and stability. <i>Chemical Engineering Journal</i> , <b>2020</b> , 398, 125523	14.7	49
199	Stable, regenerable and 3D macroporous Pd (II)-imprinted membranes for efficient treatment of electroplating wastewater. <i>Separation and Purification Technology</i> , <b>2020</b> , 235, 116220	8.3	11
198	Dual superlyophobic zeolitic imidazolate framework-8 modified membrane for controllable oil/water emulsion separation. <i>Separation and Purification Technology</i> , <b>2020</b> , 236, 116273	8.3	38
197	Graphene oxide/Fe(III)-based metal-organic framework membrane for enhanced water purification based on synergistic separation and photo-Fenton processes. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 264, 118548	21.8	90
196	Phosphate removal using free-standing functionalized mesoporous silica films with excellent recyclability. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 296, 109953	5.3	8
195	Reactive Template and Confined Self-Activation Strategy: Three-Dimensional Interconnected Hierarchically Porous N/O-Doped Carbon Foam for Enhanced Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 739-748	8.3	29
194	Molecularly imprinted polymers-captivity ZnO nanorods for sensitive and selective detecting environmental pollutant. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 228, 117785	4.4	5
193	Synthesis Ce-doped biomass carbon-based g-C <sub>3</sub> N <sub>4</sub> via plant growing guide and temperature-programmed technique for degrading 2-Mercaptobenzothiazole. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 268, 118432	21.8	57
192	Robust Nacrelike Graphene Oxide-Calcium Carbonate Hybrid Mesh with Underwater Superoleophobic Property for Highly Efficient Oil/Water Separation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 4482-4493	9.5	60

191	Flower-like visible light driven antifouling membrane with robust regeneration for high efficient oil/water separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2020</b> , 106, 138-147	5.3	3
190	Fabricated g-C <sub>3</sub> N <sub>4</sub> /Ag/m-CeO <sub>2</sub> composite photocatalyst for enhanced photoconversion of CO <sub>2</sub> . <i>Applied Surface Science</i> , <b>2020</b> , 506, 144931	6.7	32
189	Fabrication of a Z-scheme MoS <sub>2</sub> /CuO heterojunction for enhanced 2-mercaptobenzothiazole degradation activity and mechanism insight. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 18264-18273	3.6	5
188	Imitated Core-Shell Molecularly Imprinted Membranes for Selective Separation Applications: A Synergetic Strategy by Polydopamine and SiO <sub>2</sub> . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2020</b> , 115, 304-314	5.3	4
187	One-Pot Synthesis of the Biofuel 5-Ethoxymethylfurfural from Carbohydrates Using a Bifunctional Catalyst Prepared through a Pickering HIPE Template and Pore-Filled Strategy. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 14264-14274	4.1	4
186	Fabricating acid-sensitive controlled PAA@Ag/AgCl/CN photocatalyst with reversible photocatalytic activity transformation. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 580, 753-767	9.3	3
185	A three-in-one strategy for facile fabrication of hierarchically porous n-doped carbons: enhanced CO <sub>2</sub> capture and tetracycline removal. <i>Journal of Porous Materials</i> , <b>2020</b> , 27, 1755-1763	2.4	2
184	A facile surface modification of a PVDF membrane via CaCO <sub>3</sub> mineralization for efficient oil/water emulsion separation. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 20999-21006	3.6	1
183	Core-shell ZIF-67/ZIF-8-derived sea urchin-like cobalt/nitrogen Co-doped carbon nanotube hollow frameworks for ultrahigh adsorption and catalytic activities. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2020</b> , 112, 202-211	5.3	16
182	Adsorption of phosphorus on lanthanum doped carbon films guided by self-assembly of cellulose nanocrystalline. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 319, 114148	6	6
181	Recent Progresses on the Adsorption and Separation of Ions by Imprinting Routes. <i>Separation and Purification Reviews</i> , <b>2020</b> , 49, 265-293	7.3	7
180	Interface engineered 2D/2D Ni(OH) <sub>2</sub> /Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> nanocomposites with higher charge transfer towards improving photocatalytic activity. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 816, 152530	5.7	15
179	Nitrogen-doped hydrogenated TiO <sub>2</sub> modified with CdS nanorods with enhanced optical absorption, charge separation and photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , <b>2020</b> , 384, 123275	14.7	134
178	A Z-scheme TiO <sub>2</sub> quantum dots fragment-Bi <sub>12</sub> TiO <sub>20</sub> composites for enhancing photocatalytic activity. <i>Renewable Energy</i> , <b>2020</b> , 147, 856-863	8.1	10
177	Photo-Fenton self-cleaning PVDF/NH <sub>2</sub> -MIL-88B(Fe) membranes towards highly-efficient oil/water emulsion separation. <i>Journal of Membrane Science</i> , <b>2020</b> , 595, 117499	9.6	88
176	Biomass-Based Synthesis of Green and Biodegradable Molecularly Imprinted Membranes for Selective Recognition and Separation of Tetracycline. <i>Nano</i> , <b>2020</b> , 15, 2050004	1.1	5
175	Zwitterion imprinted composite membranes with obvious antifouling character for selective separation of Li ions. <i>Korean Journal of Chemical Engineering</i> , <b>2020</b> , 37, 707-715	2.8	4
174	Simultaneous activation and magnetization toward facile preparation of auricularia-based magnetic porous carbon for efficient removal of tetracycline. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 784, 76-87	5.7	27

173	Recent advances in ion-imprinted membranes: separation and detection via ion-selective recognition. <i>Environmental Science: Water Research and Technology</i> , <b>2019</b> , 5, 1626-1653	4.2	37
172	Photocatalytic removal using g-CN quantum dots/BiTiO composites. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 213, 19-27	4.4	16
171	Heterojunction photocatalyst fabricated by deposition Co <sub>3</sub> O <sub>4</sub> nanoparticles on MoS <sub>2</sub> nanosheets with enhancing photocatalytic performance and mechanism insight. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 97, 158-169	5.3	24
170	Ultrahigh adsorption of tetracycline on willow branch-derived porous carbons with tunable pore structure: Isotherm, kinetics, thermodynamic and new mechanism study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 96, 473-482	5.3	19
169	Construction of the biomass carbon quantum dots modified heterojunction Bi <sub>2</sub> WO <sub>6</sub> /Cu <sub>2</sub> O photocatalysis for enhancing light utilization and mechanism insight. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 102, 197-201	5.3	17
168	High-sensitive imprinted membranes based on surface-enhanced Raman scattering for selective detection of antibiotics in water. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 222, 117116	4.4	7
167	Surface plasmon resonance effect of Ag nanoparticles for improving the photocatalytic performance of biochar quantum-dot/Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> nanosheets. <i>Chinese Journal of Catalysis</i> , <b>2019</b> , 40, 886-894	11.3	19
166	Preparation of functionalized double ratio fluorescent imprinted sensors for visual determination and recognition of dopamine in human serum. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 219, 225-231	4.4	15
165	In-situ preparation of CdSe quantum dots/porous channel biochar for improving photocatalytic activity for degradation of tetracycline. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 99, 180-192	5.3	21
164	UV-Driven Antifouling Paper Fiber Membranes for Efficient Oil/Water Separation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 5186-5194	3.9	28
163	Dual-channel separation system based on platanus fruit-like Ni@Ni(OH) hierarchical architecture for fast, efficient and continuous light/heavy oil/water separation. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2019</b> , 74, 208-215	6.3	8
162	Facile preparation of halloysite nanotube-modified polyvinylidene fluoride composite membranes for highly efficient oil/water emulsion separation. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 8332-8345	4.3	18
161	Photo-Fenton self-cleaning membranes with robust flux recovery for an efficient oil/water emulsion separation. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 8491-8502	13	141
160	Increasing visible-light absorption for photocatalysis with black 2D Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> nanosheets. <i>Advanced Powder Technology</i> , <b>2019</b> , 30, 1043-1050	4.6	14
159	Construction of a novel ternary composite of Co-doped CdSe loaded on biomass carbon spheres as visible light photocatalysts for efficient photocatalytic applications. <i>Dalton Transactions</i> , <b>2019</b> , 48, 6824-6833	4.3	5
158	Constructing carbon dots and CdTe quantum dots multi-functional composites for ultrasensitive sensing and rapid degrading ciprofloxacin. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 289, 242-251	8.5	27
157	One pot-economical fabrication of molecularly imprinted membrane employing carbon nanospheres sol coagulation bath with specific separation and advanced antifouling performances. <i>Separation and Purification Technology</i> , <b>2019</b> , 218, 59-69	8.3	10
156	Construction of self-template 2D porous carbon nano sheets (2D PCNSs) from potassium gluconate (C <sub>6</sub> H <sub>11</sub> O <sub>7</sub> K) for the efficient adsorption of dye contaminant. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 95, 660-668	5.3	1

155	Fabrication of acrylamide decorated superhydrophilic and underwater superoleophobic poly(vinylidene fluoride) membranes for oil/water emulsion separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 95, 300-307	5.3	18
154	Development of composite membranes with irregular rod-like structure via atom transfer radical polymerization for efficient oil-water emulsion separation. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 533, 278-286	9.3	54
153	Fabricated rGO-modified AgS nanoparticles/g-CN nanosheets photocatalyst for enhancing photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 554, 468-478	9.3	53
152	MOF-derived Co <sub>3</sub> O <sub>4</sub> -C/Ni <sub>2</sub> P <sub>2</sub> O <sub>7</sub> electrode material for high performance supercapacitors. <i>Chemical Engineering Journal</i> , <b>2019</b> , 378, 1222-242	14.7	53
151	Fabrication of magnetic quantum dots modified Z-scheme Bi <sub>2</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> photocatalysts with superior hydroxyl radical productivity for the degradation of rhodamine B. <i>Applied Surface Science</i> , <b>2019</b> , 493, 458-469	6.7	33
150	One-step facile fabrication of visible light driven antifouling carbon cloth fibers membrane for efficient oil-water separation. <i>Separation and Purification Technology</i> , <b>2019</b> , 228, 1157-69	8.3	17
149	Z-scheme MoS <sub>2</sub> /Bi <sub>2</sub> O <sub>3</sub> heterojunctions: enhanced photocatalytic degradation performance and mechanistic insight. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 11876-11886	3.6	28
148	Construction of superhydrophilic and underwater superoleophobic membranes via in situ oriented NiCo-LDH growth for gravity-driven oil/water emulsion separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 104, 240-249	5.3	10
147	Construction of Heterogenous S-C-S MoS/SnS/r-GO Heterojunction for Efficient CO Photoreduction. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 15590-15601	5.1	31
146	In-situ synthesis of BiVO <sub>4</sub> QDs/cellulose fibers composite for photocatalytic application. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 31969-31978	6.7	9
145	Insight into the effect of co-doped to the photocatalytic performance and electronic structure of g-C <sub>3</sub> N <sub>4</sub> by first principle. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 241, 319-328	21.8	82
144	Facile preparation of grass-like structured NiCo-LDH/PVDF composite membrane for efficient oil/water emulsion separation. <i>Journal of Membrane Science</i> , <b>2019</b> , 573, 226-233	9.6	111
143	A tailored molecular imprinting ratiometric fluorescent sensor based on red/blue carbon dots for ultrasensitive tetracycline detection. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2019</b> , 72, 100-106	6.3	40
142	Direct synthesis of metal-organic frameworks catalysts with tunable acid/base strength for glucose dehydration to 5-hydroxymethylfurfural. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 96, 93-103	5.3	18
141	Capillarity-driven both light and heavy oil/water separation via combined system of opposite superwetting meshes. <i>Separation and Purification Technology</i> , <b>2019</b> , 215, 1-9	8.3	28
140	CQDS precluded carbon-incorporated 3D burger-like hybrid ZnO enhanced visible-light-driven photocatalytic activity and mechanism implication. <i>Journal of Catalysis</i> , <b>2019</b> , 369, 450-461	7.3	45
139	Facile synthesis of degradable CA/CS imprinted membrane by hydrolysis polymerization for effective separation and recovery of Li. <i>Carbohydrate Polymers</i> , <b>2019</b> , 205, 492-499	10.3	20
138	Fast electron transfer and enhanced visible light photocatalytic activity by using poly-o-phenylenediamine modified AgCl/g-C <sub>3</sub> N <sub>4</sub> nanosheets. <i>Chinese Journal of Catalysis</i> , <b>2019</b> , 40, 80-94	11.3	35



137	Fabrication and evaluation of GO/TiO <sub>2</sub> -based molecularly imprinted nanocomposite membranes by developing a reformative filtering strategy: Application to selective adsorption and separation membrane. <i>Separation and Purification Technology</i> , <b>2019</b> , 212, 245-254	8.3	22
136	Novel RGO and Concave Cube Cu <sub>2</sub> O Co-Modified BiVO <sub>4</sub> Nanosheets with Enhanced Photocatalytic and Surface Adsorption Performances of Tetracycline. <i>Nano</i> , <b>2019</b> , 14, 1950015	1.1	5
135	One-step facile fabrication of sustainable cellulose membrane with superhydrophobicity via a sol-gel strategy for efficient oil/water separation. <i>Surface and Coatings Technology</i> , <b>2019</b> , 361, 19-26	4.4	46
134	Bi-based semiconductors composites of BiVO <sub>4</sub> quantum dots decorated Bi <sub>12</sub> TiO <sub>20</sub> via in-suit growth with ultrasound for enhancing photocatalytic performance. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 785, 460-467	5.7	10
133	Self-induced Fenton reaction constructed by Fe(III) grafted BiVO <sub>4</sub> nanosheets with improved photocatalytic performance and mechanism insight. <i>Applied Surface Science</i> , <b>2019</b> , 467-468, 673-683	6.7	6
132	Construction of upconversion nitrogen doped graphene quantum dots modified BiVO <sub>4</sub> photocatalyst with enhanced visible-light photocatalytic activity. <i>Ceramics International</i> , <b>2019</b> , 45, 2088-2096	5.1	27
131	Studying of Co-doped g-C <sub>3</sub> N <sub>4</sub> and modified with Fe <sub>3</sub> O <sub>4</sub> quantum dots on removing tetracycline. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 775, 248-258	5.7	29
130	La <sub>2</sub> O <sub>3</sub> media enhanced electrons transfer for improved CeVO <sub>4</sub> @halloysite nanotubes photocatalytic activity for removing tetracycline. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 96, 281-298	5.3	25
129	Antibacterial, high-flux and 3D porous molecularly imprinted nanocomposite sponge membranes for cross-flow filtration of emodin from analogues. <i>Chemical Engineering Journal</i> , <b>2019</b> , 360, 483-493	14.7	47
128	Facile and green fabrication of superhydrophobic sponge for continuous oil/water separation from harsh environments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 563, 120-129	5.1	39
127	Bio-inspired fabrication of superhydrophilic nanocomposite membrane based on surface modification of SiO <sub>2</sub> anchored by polydopamine towards effective oil-water emulsions separation. <i>Separation and Purification Technology</i> , <b>2019</b> , 209, 434-442	8.3	107
126	Porous nanocomposite membranes based on functional GO with selective function for lithium adsorption. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 4432-4442	3.6	7
125	Fe <sub>3</sub> C/Fe/C Magnetic Hierarchical Porous Carbon with Micromesopores for Highly Efficient Chloramphenicol Adsorption: Magnetization, Graphitization, and Adsorption Properties Investigation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 3510-3522	3.9	33
124	Surface-imprinted fluorescence microspheres as ultrasensitive sensor for rapid and effective detection of tetracycline in real biological samples. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 263, 533-542	8.5	50
123	Bamboo prepared carbon quantum dots (CQDs) for enhancing Bi <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> nanosheets photocatalytic activity. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 752, 106-114	5.7	32
122	Anti-fouling and thermosensitive ion-imprinted nanocomposite membranes based on grapheme oxide and silicon dioxide for selectively separating europium ions. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 353, 244-253	12.8	75
121	Synthesis of Ceria and Sulfated Zirconia Catalysts Supported on Mesoporous SBA-15 toward Glucose Conversion to 5-Hydroxymethylfurfural in a Green Isopropanol-Mediated System. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 1968-1979	3.9	34
120	An overview on membrane strategies for rare earths extraction and separation. <i>Separation and Purification Technology</i> , <b>2018</b> , 197, 70-85	8.3	84

119	Dual-template docking oriented ionic imprinted bilayer mesoporous films with efficient recovery of neodymium and dysprosium. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 353, 496-504	12.8	50
118	Molecular Imprinting Polymers Based on Boric Acid-Modified CdTe QDs for Sensitive Detection of Glucose. <i>Nano</i> , <b>2018</b> , 13, 1850046	1.1	8
117	Fabrication of the metal-free biochar-based graphitic carbon nitride for improved 2-Mercaptobenzothiazole degradation activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 358, 284-293	4.7	47
116	One-step assembly of Fe(III)-CMC chelate hydrogel onto nanoneedle-like CuO@Cu membrane with superhydrophilicity for oil-water separation. <i>Applied Surface Science</i> , <b>2018</b> , 440, 560-569	6.7	42
115	A two step hydrothermal process to prepare carbon spheres from bamboo for construction of core-shell non-metallic photocatalysts. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 6515-6524	3.6	16
114	Synthesis of ion imprinted nanocomposite membranes for selective adsorption of lithium. <i>Separation and Purification Technology</i> , <b>2018</b> , 194, 64-72	8.3	30
113	Facile synthesis of porous carbon sheets from potassium acetate via in-situ template and self-activation for highly efficient chloramphenicol removal. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 732, 222-232	5.7	30
112	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
111	Fabrication of magnetically recoverable photocatalysts using g-C <sub>3</sub> N <sub>4</sub> for effective separation of charge carriers through like-Z-scheme mechanism with Fe <sub>3</sub> O <sub>4</sub> mediator. <i>Chemical Engineering Journal</i> , <b>2018</b> , 331, 615-625	14.7	141
110	A versatile strategy to fabricate dual-imprinted porous adsorbent for efficient treatment co-contamination of Erythrocin and copper(II). <i>Chemical Engineering Journal</i> , <b>2018</b> , 332, 517-527	14.7	58
109	Bioinspired synthesis of multi-walled carbon nanotubes based enoxacin-imprinted nanocomposite membranes with excellent antifouling and selective separation properties. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 91, 468-480	5.3	11
108	Green synthesis g-C <sub>3</sub> N <sub>4</sub> quantum dots loading h-BN for efficient and stable photocatalytic performance. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 268, 561-568	6	17
107	Fabrication of Ag/In <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> /HNTs hybrid-structured and plasma effect photocatalysts for enhanced charges transfer and photocatalytic activity. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 67, 164-174	6.3	24
106	Construction of an attapulgite intercalated mesoporous g-C <sub>3</sub> N <sub>4</sub> with enhanced photocatalytic activity for antibiotic degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 359, 102-110	4.7	36
105	Insights into high-efficiency molecularly imprinted nanocomposite membranes by channel modification for selective enrichment and separation of norfloxacin. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 89, 198-207	5.3	3
104	Synthesis of cauliflower-like ion imprinted polymers for selective adsorption and separation of lithium ion. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 14502-14509	3.6	13
103	Construction of caterpillar-like cobalt-nickel hydroxide/carbon cloth hierarchical architecture with reversible wettability towards on-demand oil-water separation. <i>Applied Surface Science</i> , <b>2018</b> , 462, 659-668	6.7	47
102	3D Ag/NiCo-layered double hydroxide with adsorptive and photocatalytic performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 93, 298-305	5.3	15

101	Fabrication of a visible-light In <sub>2</sub> S <sub>3</sub> /BiPO <sub>4</sub> heterojunction with enhanced photocatalytic activity. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 15136-15145	3.6	9
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98	Insights into enhanced visible light photocatalytic activity of t-Se nanorods/BiOCl ultrathin nanosheets 1D/2D heterojunctions. <i>Chemical Engineering Journal</i> , <b>2018</b> , 338, 218-229	14.7	56
97	3D macroscopic superhydrophobic magnetic porous carbon aerogel converted from biorenewable popcorn for selective oil-water separation. <i>Materials and Design</i> , <b>2018</b> , 139, 122-131	8.1	72
96	Fabrication of lithium ion imprinted hybrid membranes with antifouling performance for selective recovery of lithium. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 118-128	3.6	24
95	Fabricated Ag/Ag <sub>2</sub> S/reduced graphene oxide composite photocatalysts for enhancing visible light photocatalytic and antibacterial activity. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 57, 125-133	6.3	55
94	Synergetic effect of carbon sphere derived from yeast with magnetism and cobalt oxide nanochains towards improving photodegradation activity for various pollutants. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 220, 137-147	21.8	43
93	Multilayered ion-imprinted membranes with high selectivity towards Li <sup>+</sup> based on the synergistic effect of 12-crown-4 and polyether sulfone. <i>Applied Surface Science</i> , <b>2018</b> , 427, 931-941	6.7	52
92	Visible-light driven photocatalyst of CdTe/CdS homologous heterojunction on N-rGO photocatalyst for efficient degradation of 2,4-dichlorophenol. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 93, 603-615	5.3	36
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90	Enhanced photocatalytic performance of MoS <sub>2</sub> modified by AgVO <sub>3</sub> from improved generation of reactive oxygen species. <i>Chinese Journal of Catalysis</i> , <b>2018</b> , 39, 1470-1483	11.3	43
89	Fabrication of magnetic g-C <sub>3</sub> N <sub>4</sub> for effectively enhanced tetracycline degradation with RGO as mediator. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 15974-15984	3.6	13
88	Green Synthesis of Acid-Base Bi-functional UiO-66-Type Metal-Organic Frameworks Membranes Supported on Polyurethane Foam for Glucose Conversion. <i>ChemistrySelect</i> , <b>2018</b> , 3, 9378-9387	1.8	13
87	Bioinspired Synthesis of Janus Nanocomposite-Incorporated Molecularly Imprinted Membranes for Selective Adsorption and Separation Applications. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 9104-9112	8.3	27
86	Convenient Determination of Sulfamethazine in Milk by Novel Ratiometric Fluorescence with Carbon and Quantum Dots with On-site Naked-eye Detection and Low Interferences. <i>Analytical Letters</i> , <b>2018</b> , 51, 2099-2113	2.2	10
85	Honeycomb tubular biochar from fargesia leaves as an effective adsorbent for tetracyclines pollutants. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 91, 299-308	5.3	24
84	A thin shell and bunny shape molecular imprinted fluorescence sensor in selective detection of trace level pesticides in river. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 705, 524-532	5.7	26

83	A high performance and highly-controllable core-shell imprinted sensor based on the surface-enhanced Raman scattering for detection of R6G in water. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 501, 86-93	9.3	27
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81	A Novel Sensitive Luminescence Probe Microspheres for Rapid and Efficient Detection of Efluvalinate in Taihu Lake. <i>Scientific Reports</i> , <b>2017</b> , 7, 46635	4.9	9
80	Selective adsorption and separation of gadolinium with three-dimensionally interconnected macroporous imprinted chitosan films. <i>Cellulose</i> , <b>2017</b> , 24, 977-988	5.5	23
79	A Novel Fluorescent Nanoswitch Based on Carbon Dots for Sensitive Detection of Hg <sup>2+</sup> and I <sup>-</sup> . <i>Nano</i> , <b>2017</b> , 12, 1750024	1.1	6
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75	Dual-emission ratiometric fluorescence detection of aspirin in human saliva: onsite naked-eye detection and high stability. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 14551-14556	3.6	6
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71	A novel route for green conversion of cellulose to HMF by cascading enzymatic and chemical reactions. <i>AIChE Journal</i> , <b>2017</b> , 63, 4920-4932	3.6	37
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68	Synthesis and evaluation of acid-base bi-functionalized SBA-15 catalyst for biomass energy conversation. <i>Chemical Engineering Journal</i> , <b>2017</b> , 313, 1593-1606	14.7	40
67	Bioinspired synthesis of high-performance nanocomposite imprinted membrane by a polydopamine-assisted metal-organic method. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 323, 663-673	12.8	60
66	Fast electron transfer and enhanced visible light photocatalytic activity using multi-dimensional components of carbon quantum dots@3D daisy-like In <sub>2</sub> S <sub>3</sub> /single-wall carbon nanotubes. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 204, 224-238	21.8	107

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64	Fabrication of highly selective ion imprinted macroporous membranes with crown ether for targeted separation of lithium ion. <i>Separation and Purification Technology</i> , <b>2017</b> , 175, 19-26	8.3	68
63	Fouling Resistant CA/PVA/TiO Imprinted Membranes for Selective Recognition and Separation Salicylic Acid from Waste Water. <i>Frontiers in Chemistry</i> , <b>2017</b> , 5, 2	5	24
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50	Rationally designed hybrid molecularly imprinted polymer foam for highly efficient Erythralothrin recognition and uptake via twice imprinting strategy. <i>Chemical Engineering Journal</i> , <b>2016</b> , 286, 485-496	14.7	44
49	Surface modification and ratiometric fluorescence dual function enhancement for visual and fluorescent detection of glucose based on dual-emission quantum dots hybrid. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 230, 70-76	8.5	47
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45	Rapid and sensitive detection of hemoglobin with gold nanoparticles based fluorescence sensor in aqueous solution. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 685, 820-827	5.7	21
44	Hierarchically carbonaceous catalyst with Brønsted/Lewis acid sites prepared through Pickering HIPEs templating for biomass energy conversation. <i>Chemical Engineering Journal</i> , <b>2016</b> , 294, 222-235	14.7	56
43	Highly selective, regenerated ion-sieve microfiltration porous membrane for targeted separation of Li+. <i>Journal of Porous Materials</i> , <b>2016</b> , 23, 1411-1419	2.4	18
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41	Molecularly imprinted fluorescent hollow nanoparticles as sensors for rapid and efficient detection of Erythrocin in environmental water. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 85, 387-394	11.8	62
40	Simultaneous separation/enrichment and detection of trace ciprofloxacin and lomefloxacin in food samples using thermosensitive smart polymers aqueous two-phase flotation system combined with HPLC. <i>Food Chemistry</i> , <b>2016</b> , 210, 1-8	8.5	40
39	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
38	A lanthanide complex-based molecularly imprinted luminescence probe for rapid and selective determination of Erythrocin in the environment. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 6141-6147	3.6	7
37	A novel approach toward fabrication of porous molecularly imprinted nanocomposites with bioinspired multilevel internal domains: Application to selective adsorption and separation membrane. <i>Chemical Engineering Journal</i> , <b>2016</b> , 306, 492-503	14.7	43
36	Synchronized separation, concentration and determination of trace sulfadiazine and sulfamethazine in food and environment by using polyoxyethylene lauryl ether-salt aqueous two-phase system coupled to high-performance liquid chromatography. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 122, 105-113	7	17
35	Facile synthesis of hierarchical pore foam catalysts with Brønsted/Lewis acid sites for the one-pot conversion of cellulose to 5-hydroxymethylfurfural. <i>RSC Advances</i> , <b>2016</b> , 6, 80368-80382	3.7	7
34	Visible light driven Ag/Ag3PO4/AC photocatalyst with highly enhanced photodegradation of tetracycline antibiotics. <i>Applied Surface Science</i> , <b>2015</b> , 353, 391-399	6.7	50
33	One-step hydrothermal synthesis of cobalt and potassium codoped CdSe quantum dots with high visible light photocatalytic activity. <i>CrystEngComm</i> , <b>2015</b> , 17, 1701-1709	3.3	24
32	Surface imprinting of a g-C3N4 photocatalyst for enhanced photocatalytic activity and selectivity towards photodegradation of 2-mercaptobenzothiazole. <i>RSC Advances</i> , <b>2015</b> , 5, 40726-40736	3.7	49
31	Bio-inspired adhesion: Fabrication of molecularly imprinted nanocomposite membranes by developing a hybrid organic/inorganic nanoparticles composite structure. <i>Journal of Membrane Science</i> , <b>2015</b> , 490, 169-178	9.6	55
30	A novel molecularly imprinted polymer thin film at surface of ZnO nanorods for selective fluorescence detection of para-nitrophenol. <i>RSC Advances</i> , <b>2015</b> , 5, 44088-44095	3.7	25

29	Enhanced visible light photocatalytic activity of alkaline earth metal ions-doped CdSe/rGO photocatalysts synthesized by hydrothermal method. <i>Applied Catalysis B: Environmental</i> , <b>2015</b> , 172-173, 174-184	21.8	105
28	Design of mesoporous silica hybrid materials as sorbents for the selective recovery of rare earth metals. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 10327-10335	13	66
27	Accelerating the design of multi-component nanocomposite imprinted membranes by integrating a versatile metal-organic methodology with a mussel-inspired secondary reaction platform. <i>Green Chemistry</i> , <b>2015</b> , 17, 3338-3349	10	53
26	Specific recognition and fluorescent determination of aspirin by using core-shell CdTe quantum dot-imprinted polymers. <i>Mikrochimica Acta</i> , <b>2015</b> , 182, 1527-1534	5.8	26
25	Enhanced photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> /ZnO/HNT composite heterostructure photocatalysts for degradation of tetracycline under visible light irradiation. <i>RSC Advances</i> , <b>2015</b> , 5, 91177-91189	3.7	70
24	Synthesis of hydrophilic surface ion-imprinted polymer based on graphene oxide for removal of strontium from aqueous solution. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 1287-1297	13	77
23	A Multiple-Functional Ag/SiO <sub>2</sub> /Organic Based Biomimetic Nanocomposite Membrane for High-Stability Protein Recognition and Cell Adhesion/Detachment. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 5823-5832	15.6	78
22	Fabrication of a novel cellulose acetate imprinted membrane assisted with chitosan-wrapped multi-walled carbon nanotubes for selective separation of salicylic acid from industrial wastewater. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	15
21	Bio-inspired adhesion: fabrication and evaluation of molecularly imprinted nanocomposite membranes by developing a Bio-glue-imprinted methodology. <i>RSC Advances</i> , <b>2015</b> , 5, 46146-46157	3.7	9
20	Highly-controllable imprinted polymer nanoshell at the surface of silica nanoparticles based room-temperature phosphorescence probe for detection of 2,4-dichlorophenol. <i>Analytica Chimica Acta</i> , <b>2015</b> , 870, 83-91	6.6	41
19	Facile synthesis of microcellular foam catalysts with adjustable hierarchical porous structure, acid-base strength and wettability for biomass energy conversion. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 13507-13518	13	34
18	Transfer Charge and Energy of Ag@CdSe QDs-rGO Core-Shell Plasmonic Photocatalyst for Enhanced Visible Light Photocatalytic Activity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 28231-439.5	9.5	70
17	Determination of Aspirin Using Functionalized Cadmium-Tellurium Quantum Dots as a Fluorescence Probe. <i>Analytical Letters</i> , <b>2015</b> , 48, 1117-1127	2.2	12
16	Simple synthesis of thioglycolic acid-coated CdTe quantum dots as probes for Norfloxacin lactate detection. <i>Journal of Luminescence</i> , <b>2015</b> , 161, 47-53	3.8	26
15	Selective separation of salicylic acid from aqueous solutions using molecularly imprinted nano-polymer on wollastonite synthesized by oil-in-water microemulsion method. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 3975-3983	6.3	14
14	Molecularly imprinted polymer microspheres for optical measurement of ultra trace nonfluorescent cyhalothrin in honey. <i>Food Chemistry</i> , <b>2014</b> , 156, 1-6	8.5	41
13	Synthesis and evaluation of stable polymeric solid acid based on halloysite nanotubes for conversion of one-pot cellulose to 5-hydroxymethylfurfural. <i>RSC Advances</i> , <b>2014</b> , 4, 23797-23806	3.7	21
12	Synthesis and evaluation of macroporous polymerized solid acid derived from Pickering HIPes for catalyzing cellulose into 5-hydroxymethylfurfural in an ionic liquid. <i>RSC Advances</i> , <b>2014</b> , 4, 43029-43038	3.7	25

11	Synthesis of molecularly imprinted silica nanospheres embedded mercaptosuccinic acid-coated CdTe quantum dots for selective recognition of Ecyhalothrin. <i>Journal of Luminescence</i> , <b>2014</b> , 153, 326-332	3.8	48
10	Efficient one-pot synthesis of artemisinin-imprinted membrane by direct surface-initiated AGET-ATRP. <i>Separation and Purification Technology</i> , <b>2014</b> , 131, 117-125	8.3	24
9	Fabrication and evaluation of artemisinin-imprinted composite membranes by developing a surface functional monomer-directing prepolymerization system. <i>Langmuir</i> , <b>2014</b> , 30, 14789-96	4	26
8	Microwave synthesis of a novel magnetic imprinted TiO <sub>2</sub> photocatalyst with excellent transparency for selective photodegradation of enrofloxacin hydrochloride residues solution. <i>Chemical Engineering Journal</i> , <b>2014</b> , 249, 15-26	14.7	186
7	Preparation and photodegradation properties of transition metal ion/poly-o-phenylenediamine/TiO <sub>2</sub> /fly-ash cenospheres by ion imprinting technology. <i>RSC Advances</i> , <b>2013</b> , 3, 14807	3.7	29
6	Hydrothermal Synthesis of CdSe Quantum Dots and Their Photocatalytic Activity on Degradation of Cefalexin. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 15015-15023	3.9	39
5	Effect of tube depth on the photovoltaic performance of CdS quantum dots sensitized ZnO nanotubes solar cells. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 543, 58-64	5.7	15
4	Composites of Silica and Molecularly Imprinted Polymers for Degradation of Sulfadiazine. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 25309-25318	3.8	35
3	Construction of Carbon Nitride Based Intramolecular D <sub>2</sub> A System for Effective Photocatalytic Reduction of CO <sub>2</sub> . <i>Catalysis Letters</i> , 1	2.8	1
2	Dot-matrix-initiated molecularly imprinted nanocomposite membranes for selective recognition: a high-efficiency separation system with an anti-oil fouling layer. <i>Environmental Science: Nano</i> ,	7.1	5
1	3D hierarchical nanoarrays composed of NiCo <sub>2</sub> S <sub>4</sub> multilayer nanoneedles modified with Co <sub>1.29</sub> Ni <sub>1.71</sub> O <sub>4</sub> for high-performance hybrid supercapacitors. <i>New Journal of Chemistry</i> ,	3.6	2