

# Yongsheng Yan

## 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.

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 | Construction of high-dispersed Ag/Fe <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> photocatalyst by selective photo-deposition and improved photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 182, 115-122  | 21.8 | 307       |
| 261 | 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       |
| 260 | 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       |
| 259 | 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       |
| 258 | 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       |
| 257 | 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       |
| 256 | Ultrahigh adsorption of typical antibiotics onto novel hierarchical porous carbons derived from renewable lignin via halloysite nanotubes-template and in-situ activation. <i>Chemical Engineering Journal</i> , <b>2016</b> , 304, 609-620   | 14.7 | 111       |
| 255 | 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       |
| 254 | 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       |
| 253 | 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       |
| 252 | 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       |
| 251 | Well-dispersed nebula-like ZnO/CeO <sub>2</sub> @HNTs heterostructure for efficient photocatalytic degradation of tetracycline. <i>Chemical Engineering Journal</i> , <b>2016</b> , 304, 917-933  | 14.7 | 99        |
| 250 | Intercalation Effect of Attapulgite in g-C <sub>3</sub> N <sub>4</sub> Modified with Fe <sub>3</sub> O <sub>4</sub> Quantum Dots To Enhance Photocatalytic Activity for Removing 2-Mercaptobenzothiazole under Visible Light. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 10614-10623 | 8.3  | 90        |
| 249 | Bioinspired Synthesis of Photocatalytic Nanocomposite Membranes Based on Synergy of Au-TiO <sub>2</sub> and Polydopamine for Degradation of Tetracycline under Visible Light. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 23687-23697  | 9.5  | 90        |
| 248 | 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        |
| 247 | Fabrication of conductive and high-dispersed Ppy@Ag/g-C <sub>3</sub> N <sub>4</sub> composite photocatalysts for removing various pollutants in water. <i>Applied Surface Science</i> , <b>2016</b> , 387, 366-374  | 6.7  | 89        |
| 246 | 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        |

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| 245 | 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 |
| 244 | Insight into the effect of co-doped to the photocatalytic performance and electronic structure of g-C3N4 by first principle. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 241, 319-328                                | 21.8 | 82 |
| 243 | A Multiple-Functional Ag/SiO2/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 |
| 242 | 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 |
| 241 | 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 |
| 240 | Fabricating C and O co-doped carbon nitride with intramolecular donor-acceptor systems for efficient photoreduction of CO2 to CO. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 268, 118736                            | 21.8 | 73 |
| 239 | 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 |
| 238 | Enhanced photocatalytic activity of g-C3N4/nO/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 |
| 237 | 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, 28231-43                     | 9.5  | 70 |
| 236 | 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 |
| 235 | 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 |
| 234 | Molecularly imprinted fluorescent hollow nanoparticles as sensors for rapid and efficient detection Eryhalothrin in environmental water. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 85, 387-394                          | 11.8 | 62 |
| 233 | CeO2/3D g-C3N4 heterojunction deposited with Pt cocatalyst for enhanced photocatalytic CO2 reduction. <i>Applied Surface Science</i> , <b>2021</b> , 537, 147891   | 6.7  | 62 |
| 232 | HIPes template: Towards the synthesis of polymeric catalysts with adjustable porous structure, acidBase strength and wettability for biomass energy conversation. <i>Chemical Engineering Journal</i> , <b>2016</b> , 283, 956-970 | 14.7 | 60 |
| 231 | 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 |
| 230 | 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 |
| 229 | A versatile strategy to fabricate dual-imprinted porous adsorbent for efficient treatment co-contamination of Eryhalothrin and copper(II). <i>Chemical Engineering Journal</i> , <b>2018</b> , 332, 517-527                        | 14.7 | 58 |
| 228 | Synthesis Ce-doped biomass carbon-based g-C3N4 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 |

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| 227 | Novel Graphene Oxide Confined Nanospace Directed Synthesis of Glucose-Based Porous Carbon Nanosheets with Enhanced Adsorption Performance. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 11566-11576                                   | 8.3  | 56 |
| 226 | Hierarchically carbonaceous catalyst with Brsted Lewis acid sites prepared through Pickering HIPEs templating for biomass energy conversion. <i>Chemical Engineering Journal</i> , <b>2016</b> , 294, 222-235  | 14.7 | 56 |
| 225 | 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 |
| 224 | 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 |
| 223 | 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                    | 9.3  | 55 |
| 222 | 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 |
| 221 | Hierarchical macro and mesoporous foams synthesized by HIPEs template and interface grafted route for simultaneous removal of Cyhalothrin and copper ions. <i>Chemical Engineering Journal</i> , <b>2016</b> , 284, 1361-1372                                | 14.7 | 53 |
| 220 | 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 |
| 219 | 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 |
| 218 | 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, 122242   | 14.7 | 53 |
| 217 | 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 |
| 216 | 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 |
| 215 | Visible light driven Ag/Ag <sub>3</sub> PO <sub>4</sub> /AC photocatalyst with highly enhanced photodegradation of tetracycline antibiotics. <i>Applied Surface Science</i> , <b>2015</b> , 353, 391-399   | 6.7  | 50 |
| 214 | 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 |
| 213 | 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 |
| 212 | Surface imprinting of a g-C <sub>3</sub> N <sub>4</sub> 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 |
| 211 | Bioinspired synthesis of pDA/SiO <sub>2</sub> -based porous ciprofloxacin-imprinted nanocomposite membrane by a polydopamine-assisted organic-inorganic method. <i>Chemical Engineering Journal</i> , <b>2017</b> , 309, 263-271                             | 14.7 | 49 |
| 210 | 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 |

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|-----|---|------|----|
| 209 | Constructing of the Magnetic Photocatalytic Nanoreactor [email[protected]] for Cascade Catalytic Degrading of Tetracycline. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 27250-27258   | 3.8  | 48 |
| 208 | Synthesis of molecularly imprinted silica nanospheres embedded mercaptosuccinic acid-coated CdTe quantum dots for selective recognition of $\beta$ -cyhalothrin. <i>Journal of Luminescence</i> , <b>2014</b> , 153, 326-332  | 3.8  | 48 |
| 207 | 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 |
| 206 | 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 |
| 205 | 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 |
| 204 | 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 |
| 203 | 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 |
| 202 | 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 |
| 201 | Rationally designed hybrid molecularly imprinted polymer foam for highly efficient $\beta$ -cyhalothrin recognition and uptake via twice imprinting strategy. <i>Chemical Engineering Journal</i> , <b>2016</b> , 286, 485-496  | 14.7 | 44 |
| 200 | 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 |
| 199 | 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 |
| 198 | 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 |
| 197 | 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 |
| 196 | Facile synthesis of highly efficient graphitic-C <sub>3</sub> N <sub>4</sub> /ZnFe <sub>2</sub> O <sub>4</sub> heterostructures enhanced visible-light photocatalysis for spiramycin degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2016</b> , 328, 24-32 | 4.7  | 42 |
| 195 | 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 |
| 194 | Separation, concentration and determination of trace chloramphenicol in shrimp from different waters by using polyoxyethylene lauryl ether-salt aqueous two-phase system coupled with high-performance liquid chromatography. <i>Food Chemistry</i> , <b>2016</b> , 192, 163-70             | 8.5  | 41 |
| 193 | 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 |
| 192 | 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 |

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|-----|--|------|----|
| 191 | 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 |
| 190 | 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 |
| 189 | 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 |
| 188 | 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 |
| 187 | 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 <sup>5.1</sup>   | 5.1  | 39 |
| 186 | Fabrication of free-standing bio-template mesoporous hybrid film for high and selective phosphate removal. <i>Chemical Engineering Journal</i> , <b>2016</b> , 284, 879-887  | 14.7 | 38 |
| 185 | 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 |
| 184 | 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 |
| 183 | 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 |
| 182 | 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 |
| 181 | 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 |
| 180 | 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 |
| 179 | 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 <sup>11.3</sup>   | 11.3 | 35 |
| 178 | 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 |
| 177 | High photocatalytic degradation of tetracycline under visible light with Ag/AgCl/activated carbon composite plasmonic photocatalyst. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 35, 83-92  | 6.3  | 34 |
| 176 | Facile synthesis of microcellular foam catalysts with adjustable hierarchical porous structure, acidBase strength and wettability for biomass energy conversion. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 13507-13518  | 13   | 34 |
| 175 | Simultaneous removal of Pb(II) and 2,4,6-trichlorophenol by a hierarchical porous PU@PDA@MSNs sponge with reversible shape memory effect. <i>Chemical Engineering Journal</i> , <b>2016</b> , 284, 10-20   | 14.7 | 33 |
| 174 | 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 |

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| 173 | 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 |
| 172 | Facile preparation of intercrossed-stacked porous carbon originated from potassium citrate and their highly effective adsorption performance for chloramphenicol. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 505, 858-869                                    | 9.3  | 33 |
| 171 | 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 |
| 170 | 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 |
| 169 | Hollow imprinted polymer nanorods with a tunable shell using halloysite nanotubes as a sacrificial template for selective recognition and separation of chloramphenicol. <i>RSC Advances</i> , <b>2016</b> , 6, 51014-51023   | 3.7  | 32 |
| 168 | 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 |
| 167 | A high-performance SERS-imprinted sensor doped with silver particles of different surface morphologies for selective detection of pyrethroids in rivers. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 14342-14350  | 3.6  | 31 |
| 166 | Construction of Heterogenous S-C-S MoS <sub>2</sub> /SnS/r-GO Heterojunction for Efficient CO Photoreduction. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 15590-15601  | 5.1  | 31 |
| 165 | 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 |
| 164 | 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 |
| 163 | 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 |
| 162 | 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 |
| 161 | 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 |
| 160 | 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 |
| 159 | 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 |
| 158 | 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 |
| 157 | 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 |
| 156 | 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 |

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| 155 | 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 |
| 154 | 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 |
| 153 | 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 |
| 152 | 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 |
| 151 | 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 |
| 150 | Hierarchical porous carbon materials derived from a waste paper towel with ultrafast and ultrahigh performance for adsorption of tetracycline. <i>RSC Advances</i> , <b>2016</b> , 6, 72985-72998   | 3.7  | 27 |
| 149 | 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 |
| 148 | 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 |
| 147 | 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 |
| 146 | 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 |
| 145 | Enhanced photocatalytic performance and stability of visible-light-driven Z-scheme CdS/Ag/g-C <sub>3</sub> N <sub>4</sub> nanosheets photocatalyst. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 12437-12448   | 3.6  | 26 |
| 144 | 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 |
| 143 | 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 |
| 142 | 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 |
| 141 | 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 |
| 140 | Synthesis and evaluation of macroporous polymerized solid acid derived from Pickering HIEPs for catalyzing cellulose into 5-hydroxymethylfurfural in an ionic liquid. <i>RSC Advances</i> , <b>2014</b> , 4, 43029-43038  | 3.7  | 25 |
| 139 | From Lignin to Three-Dimensional Interconnected Hierarchically Porous Carbon with High Surface Area for Fast and Superhigh-Efficiency Adsorption of Sulfamethazine. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 9367-9375          | 3.9  | 25 |
| 138 | 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 |



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| 137 | 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 |
| 136 | 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 |
| 135 | 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 |
| 134 | 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 |
| 133 | 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 |
| 132 | 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 |
| 131 | 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 |
| 130 | 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 |
| 129 | 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 |
| 128 | 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 |
| 127 | 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 |
| 126 | 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 |
| 125 | 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 |
| 124 | In-suit 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 |
| 123 | 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 |
| 122 | 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 |
| 121 | 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 |
| 120 | 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 |

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| 119 | Enhanced visible-light photocatalytic decomposition of organic dye over CdSe/Al <sub>2</sub> TiO <sub>5</sub> heterojunction photocatalysts. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 712, 486-493  | 5.7  | 20 |
| 118 | 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 |
| 117 | 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 |
| 116 | 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 |
| 115 | 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 |
| 114 | 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 |
| 113 | Highly selective, regenerated ion-sieve microfiltration porous membrane for targeted separation of Li <sup>+</sup> . <i>Journal of Porous Materials</i> , <b>2016</b> , 23, 1411-1419   | 2.4  | 18 |
| 112 | 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 |
| 111 | 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 |
| 110 | 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 |
| 109 | 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 |
| 108 | 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, 115769  | 8.3  | 17 |
| 107 | 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> , 133, 105-113 | 7    | 17 |
| 106 | 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 |
| 105 | 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 |
| 104 | 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 |
| 103 | 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 |
| 102 | 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 |

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| 101 | 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 |
| 100 | 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 |
| 99  | 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 |
| 98  | Bio-inspired synthesis of molecularly imprinted nanocomposite membrane for selective recognition and separation of artemisinin. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a   | 2.9 | 15 |
| 97  | 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 |
| 96  | Core-shell thermal-responsive and magnetic molecularly imprinted polymers based on mag-yeast for selective adsorption and controlled release of tetracycline. <i>Journal of the Iranian Chemical Society</i> , <b>2017</b> , 14, 209-219                               | 2   | 15 |
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| 94  | 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 |
| 93  | 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 |
| 92  | 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 |
| 91  | 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 |
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| 89  | 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 |
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| 86  | 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 |
| 85  | Facile synthesis of hierarchical porous solid catalysts with acid/base bifunctional active sites for the conversion of cellulose to 5-hydroxymethylfurfural. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 18084-18095   | 3.6 | 13 |
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| 80 | 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 |
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| 77 | 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 |
| 76 | 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 |
| 75 | 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 |
| 74 | 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 |
| 73 | 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 |
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| 66 | 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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| 63 | Boosting H <sub>2</sub> Production over C-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 |
| 62 | 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 |
| 61 | Dual-channel separation system based on platanus fruit-like Ni@Ni(OH) <sub>2</sub> 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 |
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| 59 | 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 |
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| 50 | A Novel Fluorescent Nanoswitch Based on Carbon Dots for Sensitive Detection of Hg <sup>2+</sup> and Pb <sup>2+</sup> . <i>Nano</i> , <b>2017</b> , 12, 1750024   | 1.1 | 6 |
| 49 | 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 |
| 48 | 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 |

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| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 42 | Molecularly imprinted nanocomposite membranes based on GO/PVDF blended membranes with an organic-inorganic structure for selective separation of norfloxacin. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 14966-14976  | 3.6 | 5 |
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| 40 | 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 |
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| 38 | 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 |
| 37 | 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 |
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| 35 | 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 |
| 34 | 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 |
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| 32 | 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 |
| 31 | 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 |
| 30 | 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 |

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| 27 | 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 |
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| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | NiP QDs decorated in the multi-shelled CaTiO 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 |
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| 18 | 3D hierarchical nanoarrays composed of NiCo <sub>2</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 |
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| 16 | 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 |
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| 12 | 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 |

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| 10 | 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 |
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| 1  | 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  |   |