

# Ti-Feng Jiao

## List of Publications by Citations

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279  
papers

9,209  
citations

53  
h-index

86  
g-index

295  
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11,065  
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| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 279 | An Injectable Self-Assembling Collagen-Gold Hybrid Hydrogel for Combinatorial Antitumor Photothermal/Photodynamic Therapy. <i>Advanced Materials</i> , <b>2016</b> , 28, 3669-76  | 24   | 566       |
| 278 | Efficient phosphate sequestration for water purification by unique sandwich-like MXene/magnetic iron oxide nanocomposites. <i>Nanoscale</i> , <b>2016</b> , 8, 7085-93  | 7.7  | 262       |
| 277 | Preparation of Graphene Oxide-Based Hydrogels as Efficient Dye Adsorbents for Wastewater Treatment. <i>Nanoscale Research Letters</i> , <b>2015</b> , 10, 931   | 5    | 259       |
| 276 | Sandwiched Fe <sub>3</sub> O <sub>4</sub> /Carboxylate Graphene Oxide Nanostructures Constructed by Layer-by-Layer Assembly for Highly Efficient and Magnetically Recyclable Dye Removal. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 1279-1288     | 8.3  | 243       |
| 275 | Carrier-Free, Chemophotodynamic Dual Nanodrugs via Self-Assembly for Synergistic Antitumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 13262-9  | 9.5  | 229       |
| 274 | Self-Assembled Luminescent Quantum Dots To Generate Full-Color and White Circularly Polarized Light. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 12174-12178   | 16.4 | 222       |
| 273 | Bioinspired Polydopamine Sheathed Nanofibers Containing Carboxylate Graphene Oxide Nanosheet for High-Efficient Dyes Scavenger. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 4948-4956   | 8.3  | 184       |
| 272 | Facile Preparation of Hierarchical AgNP-Loaded MXene/FeO/Polymer Nanocomposites by Electrospinning with Enhanced Catalytic Performance for Wastewater Treatment. <i>ACS Omega</i> , <b>2019</b> , 4, 1897-1906  | 3.9  | 176       |
| 271 | Self-Assembly Reduced Graphene Oxide Nanosheet Hydrogel Fabrication by Anchorage of Chitosan/Silver and Its Potential Efficient Application toward Dye Degradation for Wastewater Treatments. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 3130-3139 | 8.3  | 153       |
| 270 | Reduced Graphene Oxide-Based Silver Nanoparticle-Containing Composite Hydrogel as Highly Efficient Dye Catalysts for Wastewater Treatment. <i>Scientific Reports</i> , <b>2015</b> , 5, 11873   | 4.9  | 148       |
| 269 | Sorption enhancement of lead ions from water by surface charged polystyrene-supported nano-zirconium oxide composites. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 6536-44  | 10.3 | 148       |
| 268 | Fabrication of tunable hierarchical MXene@AuNPs nanocomposites constructed by self-reduction reactions with enhanced catalytic performances. <i>Science China Materials</i> , <b>2018</b> , 61, 728-736   | 7.1  | 140       |
| 267 | In Situ Construction of Ag/TiO <sub>2</sub> /g-CN Heterojunction Nanocomposite Based on Hierarchical Co-Assembly with Sustainable Hydrogen Evolution. <i>Nanomaterials</i> , <b>2019</b> , 10,  | 5.4  | 128       |
| 266 | Distinguished Cr(VI) capture with rapid and superior capability using polydopamine microsphere: Behavior and mechanism. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 342, 732-740  | 12.8 | 126       |
| 265 | Self-Assembled AgNP-Containing Nanocomposites Constructed by Electrospinning as Efficient Dye Photocatalyst Materials for Wastewater Treatment. <i>Nanomaterials</i> , <b>2018</b> , 8,   | 5.4  | 112       |
| 264 | Co-Assembly of Graphene Oxide and Albumin/Photosensitizer Nanohybrids towards Enhanced Photodynamic Therapy. <i>Polymers</i> , <b>2016</b> , 8,   | 4.5  | 111       |
| 263 | Highly Efficient Lead(II) Sequestration Using Size-Controllable Polydopamine Microspheres with Superior Application Capability and Rapid Capture. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 4161-4170   | 8.3  | 109       |

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| 262 | Facile Preparation of Self-Assembled Layered Double Hydroxide-Based Composite Dye Films As New Chemical Gas Sensors. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 10888-10899   | 8.3 | 103 |
| 261 | Facile and Scalable Preparation of Graphene Oxide-Based Magnetic Hybrids for Fast and Highly Efficient Removal of Organic Dyes. <i>Scientific Reports</i> , <b>2015</b> , 5, 12451   | 4.9 | 102 |
| 260 | Multifunctional Antimicrobial Biometallohydrogels Based on Amino Acid Coordinated Self-Assembly. <i>Small</i> , <b>2020</b> , 16, e1907309   | 11  | 99  |
| 259 | Hierarchical electrospun nanofibers treated by solvent vapor annealing as air filtration mat for high-efficiency PM2.5 capture. <i>Science China Materials</i> , <b>2019</b> , 62, 423-436   | 7.1 | 98  |
| 258 | Boosting the circularly polarized luminescence of small organic molecules multi-dimensional morphology control. <i>Chemical Science</i> , <b>2019</b> , 10, 6821-6827  | 9.4 | 97  |
| 257 | Facile preparation and catalytic performance characterization of AuNPs-loaded hierarchical electrospun composite fibers by solvent vapor annealing treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 561, 283-291 | 5.1 | 92  |
| 256 | Facile preparation of self-assembled hydrogels constructed from poly-cyclodextrin and poly-adamantane as highly selective adsorbents for wastewater treatment. <i>Soft Matter</i> , <b>2019</b> , 15, 6097-6106  | 3.6 | 89  |
| 255 | Crystalline Dipeptide Nanobelts Based on Solid-Solid Phase Transformation Self-Assembly and Their Polarization Imaging of Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 2368-2376   | 9.5 | 88  |
| 254 | Facile Synthesis of Ag/Pd Nanoparticle Loaded Poly(ethylene imine) Composite Hydrogels with Highly Efficient Catalytic Reduction of 4-Nitrophenol. <i>ACS Omega</i> , <b>2020</b> , 5, 3725-3733   | 3.9 | 82  |
| 253 | Water-Insoluble Photosensitizer Nanocolloids Stabilized by Supramolecular Interfacial Assembly towards Photodynamic Therapy. <i>Scientific Reports</i> , <b>2017</b> , 7, 42978  | 4.9 | 81  |
| 252 | A facile preparation method for new two-component supramolecular hydrogels and their performances in adsorption, catalysis, and stimuli-response.. <i>RSC Advances</i> , <b>2019</b> , 9, 22551-22558  | 3.7 | 80  |
| 251 | Graphene Oxide-Polymer Composite Langmuir Films Constructed by Interfacial Thiol-Ene Photopolymerization. <i>Nanoscale Research Letters</i> , <b>2017</b> , 12, 99   | 5   | 78  |
| 250 | Synergistic in vivo photodynamic and photothermal antitumor therapy based on collagen-gold hybrid hydrogels with inclusion of photosensitive drugs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 514, 155-160           | 5.1 | 78  |
| 249 | Colloidal Gold--Collagen Protein Core--Shell Nanoconjugate: One-Step Biomimetic Synthesis, Layer-by-Layer Assembled Film, and Controlled Cell Growth. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 24733-40                                    | 9.5 | 78  |
| 248 | Fabrication of Hierarchical Layer-by-Layer Assembled Diamond-based Core-Shell Nanocomposites as Highly Efficient Dye Absorbents for Wastewater Treatment. <i>Scientific Reports</i> , <b>2017</b> , 7, 44076   | 4.9 | 77  |
| 247 | Hydrothermal synthesis of hierarchical core-shell manganese oxide nanocomposites as efficient dye adsorbents for wastewater treatment. <i>RSC Advances</i> , <b>2015</b> , 5, 56279-56285  | 3.7 | 77  |
| 246 | Facile Preparation of Self-Assembled Black Phosphorus-Dye Composite Films for Chemical Gas Sensors and Surface-Enhanced Raman Scattering Performances. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 4521-4536                               | 8.3 | 73  |
| 245 | Supramolecular assemblies and molecular recognition of amphiphilic schiff bases with barbituric acid in organized molecular films. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 2532-9  | 3.4 | 73  |

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| 244 | Facile preparation of self-assembled MXene@Au@CdS nanocomposite with enhanced photocatalytic hydrogen production activity. <i>Science China Materials</i> , <b>2020</b> , 63, 2228-2238   | 7.1  | 71 |
| 243 | Preparation of PdNPs doped chitosan-based composite hydrogels as highly efficient catalysts for reduction of 4-nitrophenol. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 611, 125889                             | 5.1  | 69 |
| 242 | Synthesis of self-assembled phytic acid-MXene nanocomposites via a facile hydrothermal approach with elevated dye adsorption capacities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 589, 124468                | 5.1  | 67 |
| 241 | Selective removal of phosphate in waters using a novel of cation adsorbent: Zirconium phosphate (ZrP) behavior and mechanism. <i>Chemical Engineering Journal</i> , <b>2013</b> , 221, 315-321  | 14.7 | 67 |
| 240 | An injectable dipeptide-fullerene supramolecular hydrogel for photodynamic antibacterial therapy. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 7335-7342  | 7.3  | 67 |
| 239 | Facile Preparation of Self-Assembled Polydopamine-Modified Electrospun Fibers for Highly Effective Removal of Organic Dyes. <i>Nanomaterials</i> , <b>2019</b> , 9,   | 5.4  | 66 |
| 238 | Facile Preparation of Carbon Nanotube-CuO Nanocomposites as New Catalyst Materials for Reduction of P-Nitrophenol. <i>Nanoscale Research Letters</i> , <b>2019</b> , 14, 78   | 5    | 65 |
| 237 | Highly efficient catalytic performances of nitro compounds via hierarchical PdNPs-loaded MXene/polymer nanocomposites synthesized through electrospinning strategy for wastewater treatment. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 992-995    | 8.1  | 65 |
| 236 | Preparation of Palladium Nanoparticles Decorated Polyethyleneimine/Polycaprolactone Composite Fibers Constructed by Electrospinning with Highly Efficient and Recyclable Catalytic Performances. <i>Catalysts</i> , <b>2019</b> , 9, 559                    | 4    | 64 |
| 235 | Facile preparation and high performance of wearable strain sensors based on ionically cross-linked composite hydrogels. <i>Science China Materials</i> , <b>2021</b> , 64, 942-952  | 7.1  | 63 |
| 234 | Preparation of Self-Assembled Composite Films Constructed by Chemically-Modified MXene and Dyes with Surface-Enhanced Raman Scattering Characterization. <i>Nanomaterials</i> , <b>2019</b> , 9,  | 5.4  | 62 |
| 233 | Preparation and aggregate state regulation of co-assembly graphene oxide-porphyrin composite Langmuir films via surface-modified graphene oxide sheets. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 584, 124023 | 5.1  | 62 |
| 232 | Selective Cu(II) ion removal from wastewater via surface charged self-assembled polystyrene-Schiff base nanocomposites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 545, 60-67                                  | 5.1  | 61 |
| 231 | Fabrication and Highly Efficient Dye Removal Characterization of Beta-Cyclodextrin-Based Composite Polymer Fibers by Electrospinning. <i>Nanomaterials</i> , <b>2019</b> , 9,   | 5.4  | 60 |
| 230 | Facile solvothermal preparation of FeO-Ag nanocomposite with excellent catalytic performance.. <i>RSC Advances</i> , <b>2019</b> , 9, 878-883   | 3.7  | 60 |
| 229 | Preparation and adsorption capacity evaluation of graphene oxide-chitosan composite hydrogels. <i>Science China Materials</i> , <b>2015</b> , 58, 811-818   | 7.1  | 57 |
| 228 | Fabrication of CS/GA/RGO/Pd composite hydrogels for highly efficient catalytic reduction of organic pollutants.. <i>RSC Advances</i> , <b>2020</b> , 10, 15091-15097  | 3.7  | 57 |
| 227 | Extraction-like removal of organic dyes from polluted water by the graphene oxide/PNIPAM composite system. <i>Chemical Engineering Journal</i> , <b>2021</b> , 405, 126647  | 14.7 | 54 |

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| 226 | Facile synthesis of self-assembled carbon nanotubes/dye composite films for sensitive electrochemical determination of Cd(II) ions. <i>Nanotechnology</i> , <b>2018</b> , 29, 445603   | 3.4  | 53 |
| 225 | Self-assembled MXene-based nanocomposites via layer-by-layer strategy for elevated adsorption capacities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 553, 105-113   | 5.1  | 53 |
| 224 | Facile preparation of a self-assembled Artemia cyst shell-TiO-MoS porous composite structure with highly efficient catalytic reduction of nitro compounds for wastewater treatment. <i>Nanotechnology</i> , <b>2019</b> , 31, 085603   | 3.4  | 52 |
| 223 | Facile Preparation of Rod-like MnO Nanomixtures via Hydrothermal Approach and Highly Efficient Removal of Methylene Blue for Wastewater Treatment. <i>Nanomaterials</i> , <b>2018</b> , 9,   | 5.4  | 52 |
| 222 | Preparation and enhanced structural integrity of electrospun poly( $\epsilon$ -caprolactone)-based fibers by freezing amorphous chains through thiol-ene click reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 538, 7-13               | 5.1  | 49 |
| 221 | Injectable Self-Assembled Dipeptide-Based Nanocarriers for Tumor Delivery and Effective In Vivo Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 30759-30767   | 9.5  | 49 |
| 220 | FeO nanoparticles three-dimensional electro-peroxydisulfate for improving tetracycline degradation. <i>Chemosphere</i> , <b>2021</b> , 268, 129315   | 8.4  | 49 |
| 219 | Highly efficient and rapid fluoride scavenger using an acid/base tolerant zirconium phosphate nanoflake: Behavior and mechanism. <i>Journal of Cleaner Production</i> , <b>2017</b> , 161, 317-326   | 10.3 | 48 |
| 218 | Chiral Nanostructured Composite Films via Solvent-Tuned Self-Assembly and Their Enantioselective Performances. <i>Langmuir</i> , <b>2019</b> , 35, 3337-3345   | 4    | 48 |
| 217 | Facile preparation and highly efficient photodegradation performances of self-assembled Artemia eggshell-ZnO nanocomposites for wastewater treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 610, 125752                                | 5.1  | 48 |
| 216 | Facile preparation of self-assembled Ni/Co phosphates composite spheres with highly efficient HER electrocatalytic performances. <i>Applied Surface Science</i> , <b>2020</b> , 509, 145383  | 6.7  | 47 |
| 215 | Self-Assembled Sandwich-like MXene-Derived Composites as Highly Efficient and Sustainable Catalysts for Wastewater Treatment. <i>Langmuir</i> , <b>2021</b> , 37, 1267-1278  | 4    | 47 |
| 214 | Facile fabrication of molybdenum compounds (Mo <sub>2</sub> C, MoP and MoS <sub>2</sub> ) nanoclusters supported on N-doped reduced graphene oxide for highly efficient hydrogen evolution reaction over broad pH range. <i>Chemical Engineering Journal</i> , <b>2021</b> , 417, 129233 | 14.7 | 47 |
| 213 | Elaborate design of polymeric nanocomposites with Mg(II)-buffering nanochannels for highly efficient and selective removal of heavy metals from water: case study for Cu(II). <i>Environmental Science: Nano</i> , <b>2018</b> , 5, 2440-2451  | 7.1  | 45 |
| 212 | Self-Assembled Luminescent Quantum Dots To Generate Full-Color and White Circularly Polarized Light. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 12342-12346   | 3.6  | 44 |
| 211 | MnFe <sub>2</sub> O <sub>4</sub> nanoparticles promoted electrochemical oxidation coupling with persulfate activation for tetracycline degradation. <i>Separation and Purification Technology</i> , <b>2021</b> , 255, 117690  | 8.3  | 44 |
| 210 | Exploring the enhanced catalytic performance on nitro dyes via a novel template of flake-network Ni-Ti LDH/GO in-situ deposited with Ag <sub>3</sub> PO <sub>4</sub> NPs. <i>Applied Surface Science</i> , <b>2021</b> , 543, 148821   | 6.7  | 44 |
| 209 | Facile Preparation of Self-Assembled Chitosan-Based POSS-CNTs-CS Composite as Highly Efficient Dye Absorbent for Wastewater Treatment. <i>ACS Omega</i> , <b>2021</b> , 6, 294-300   | 3.9  | 43 |

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| 208 | Self-Assembled Hydrogels Based on Poly-Cyclodextrin and Poly-Azobenzene Compounds and Applications for Highly Efficient Removal of Bisphenol A and Methylene Blue. <i>ACS Omega</i> , <b>2018</b> , 3, 11663-11672                             | 3.9  | 43 |
| 207 | Supramolecular assemblies of a new series of gemini-type schiff base amphiphiles at the air/water interface: in situ coordination, interfacial nanoarchitectures, and spacer effect. <i>Langmuir</i> , <b>2006</b> , 22, 5005-5012             | 4.1  | 41 |
| 206 | Highly Efficient Phosphate Sequestration in Aqueous Solutions Using Nanomagnesium Hydroxide Modified Polystyrene Materials. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2015</b> , 54, 2940-2949                               | 3.9  | 40 |
| 205 | Biomimetic Nanozymes Based on Coassembly of Amino Acid and Hemin for Catalytic Oxidation and Sensing of Biomolecules. <i>Small</i> , <b>2021</b> , 17, e2008114  | 11   | 40 |
| 204 | Fabrication of hierarchical SrTiO@MoS heterostructure nanofibers as efficient and low-cost electrocatalysts for hydrogen-evolution reactions. <i>Nanotechnology</i> , <b>2020</b> , 31, 205604   | 3.4  | 39 |
| 203 | Effect of substituent position in coumarin derivatives on the interfacial assembly: reversible photodimerization and supramolecular chirality. <i>Langmuir</i> , <b>2007</b> , 23, 1824-9  | 4    | 39 |
| 202 | Preparation and Dye Degradation Performances of Self-Assembled MXene-CoO Nanocomposites Synthesized via Solvothermal Approach. <i>ACS Omega</i> , <b>2019</b> , 4, 3946-3953   | 3.9  | 39 |
| 201 | Photoresponsive organogel and organized nanostructures of cholesterol imide derivatives with azobenzene substituent groups. <i>Progress in Natural Science: Materials International</i> , <b>2012</b> , 22, 64-70                              | 3.6  | 38 |
| 200 | Preparation of TiO <sub>2</sub> nanoparticles modified electrospun nanocomposite membranes toward efficient dye degradation for wastewater treatment. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2017</b> , 78, 118-126 | 5.3  | 37 |
| 199 | Preparation and dye removal capacities of porous silver nanoparticle-containing composite hydrogels via poly(acrylic acid) and silver ions. <i>RSC Advances</i> , <b>2016</b> , 6, 110799-110807   | 3.7  | 37 |
| 198 | Self-assembled copper/cobalt-containing polypyrrole hydrogels for highly efficient ORR electrocatalysts. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 298, 112010   | 6    | 37 |
| 197 | Interfacial nanostructures and acidochromism behaviors in self-assembled terpyridine derivatives Langmuir-Blodgett films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 564, 1-9                     | 5.1  | 37 |
| 196 | Facile preparation of self-assembled black phosphorus-based composite LB films as new chemical gas sensors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 608, 125616                                | 5.1  | 37 |
| 195 | Fabrication of hierarchical MXene-based AuNPs-containing core-shell nanocomposites for high efficient catalysts. <i>Green Energy and Environment</i> , <b>2018</b> , 3, 147-155  | 5.7  | 37 |
| 194 | Sequentially amplified circularly polarized ultraviolet luminescence for enantioselective photopolymerization. <i>Nature Communications</i> , <b>2020</b> , 11, 5659   | 17.4 | 35 |
| 193 | Facile Synthesis of Self-Assembled NiFe Layered Double Hydroxide-Based Azobenzene Composite Films with Photoisomerization and Chemical Gas Sensor Performances. <i>ACS Omega</i> , <b>2020</b> , 5, 3689-3698                                  | 3.9  | 35 |
| 192 | Robust Photothermal Nanodrugs Based on Covalent Assembly of Nonpigmented Biomolecules for Antitumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 41898-41905   | 9.5  | 35 |
| 191 | Proton triggered circularly polarized luminescence in orthogonal- and co-assemblies of chiral gelators with achiral perylene bisimide. <i>Chemical Communications</i> , <b>2018</b> , 54, 5630-5633  | 5.8  | 34 |



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| 190 | Improved oxygen reduction activity on silver-modified LaMnO <sub>3</sub> /graphene via shortens the conduction path of adsorbed oxygen. <i>RSC Advances</i> , <b>2015</b> , 5, 92096-92106   | 3.7 | 33 |
| 189 | RF-PECVD synthesis of carbon nanowalls and their field emission properties. <i>Applied Surface Science</i> , <b>2015</b> , 357, 1-7  | 6.7 | 31 |
| 188 | Hierarchical AuNPs-Loaded Fe <sub>3</sub> O <sub>4</sub> /Polymers Nanocomposites Constructed by Electrospinning with Enhanced and Magnetically Recyclable Catalytic Capacities. <i>Nanomaterials</i> , <b>2017</b> , 7,                                     | 5.4 | 31 |
| 187 | MXene-hybridized silane films for metal anticorrosion and antibacterial applications. <i>Applied Surface Science</i> , <b>2020</b> , 527, 146915   | 6.7 | 29 |
| 186 | Preparation of graphene oxide-polymer composite hydrogels via thiol-ene photopolymerization as efficient dye adsorbents for wastewater treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 529, 668-676       | 5.1 | 29 |
| 185 | Facile Preparation and Highly Efficient Catalytic Performances of Pd-Cu Bimetallic Catalyst Synthesized via Seed-Mediated Method. <i>Nanomaterials</i> , <b>2019</b> , 10,   | 5.4 | 29 |
| 184 | Supramolecular Gel and Nanostructures of Bolaform and Trigonal Cholesteryl Derivatives with Different Aromatic Spacers. <i>Current Nanoscience</i> , <b>2012</b> , 8, 111-116  | 1.4 | 28 |
| 183 | Improve optical properties by modifying Ag nanoparticles on a razor clam SERS substrate. <i>Optics Express</i> , <b>2021</b> , 29, 5152-5165   | 3.3 | 28 |
| 182 | Rationally designed porous polystyrene encapsulated zirconium phosphate nanocomposite for highly efficient fluoride uptake in waters. <i>Scientific Reports</i> , <b>2013</b> , 3, 2551  | 4.9 | 27 |
| 181 | Nickel/Cobalt-Containing polypyrrole hydrogel-derived approach for efficient ORR electrocatalyst. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 586, 124221  | 5.1 | 27 |
| 180 | Construction of Nanocrystalline Cellulose-Based Composite Fiber Films with Excellent Porosity Performances via an Electrospinning Strategy. <i>ACS Omega</i> , <b>2021</b> , 6, 4958-4967  | 3.9 | 27 |
| 179 | Self-assembly of organogels via new luminol imide derivatives: diverse nanostructures and substituent chain effect. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 278   | 5   | 26 |
| 178 | Electrochemiluminescent detection of hydrogen peroxide using amphiphilic luminol derivatives in solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 321, 143-146   | 5.1 | 26 |
| 177 | Substitution controlled molecular orientation and nanostructure in the Langmuir-Blodgett films of a series of amphiphilic naphthylidene-containing Schiff base derivatives. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 299, 815-22      | 9.3 | 26 |
| 176 | The porous structure effects of skeleton builders in sustainable sludge dewatering process. <i>Journal of Environmental Management</i> , <b>2019</b> , 230, 14-20  | 7.9 | 26 |
| 175 | Regulation of substituent groups on morphologies and self-assembly of organogels based on some azobenzene imide derivatives. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 160  | 5   | 24 |
| 174 | Self-assembled Ni <sub>2</sub> P nanosheet-implanted reduced graphene oxide composite as highly efficient electrocatalyst for oxygen evolution reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 612, 125992 | 5.1 | 24 |
| 173 | A chemiluminescent Langmuir-Blodgett membrane as the sensing layer for the reagentless monitoring of an immobilized enzyme activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 354, 284-290                    | 5.1 | 23 |

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|-----|--|-----|----|
| 172 | Compression-Induced Hierarchical Nanostructures of a Poly(ethylene oxide)-block-Dendronized Polymethacrylate Copolymer at the Air/Water Interface. <i>Macromolecules</i> , <b>2006</b> , 39, 6327-6330   | 5.5 | 23 |
| 171 | Self-assembled functional components-doped conductive polypyrrole composite hydrogels with enhanced electrochemical performances.. <i>RSC Advances</i> , <b>2020</b> , 10, 10546-10551   | 3.7 | 22 |
| 170 | Langmuir-Blodgett films of two chiral perylene bisimide-based molecules: Aggregation and supramolecular chirality. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 591, 124563   | 5.1 | 22 |
| 169 | Synthesis and assembly of gold nanoparticles in organized molecular films of gemini amphiphiles. <i>Langmuir</i> , <b>2008</b> , 24, 11677-83  | 4   | 22 |
| 168 | Enhance fluorescence study of grating structure based on three kinds of optical disks. <i>Optics Communications</i> , <b>2021</b> , 481, 126522  | 2   | 22 |
| 167 | Efficient Phosphate Sequestration in Waters by the Unique Hierarchical 3D Artemia Egg Shell Supported Nano-Mg(OH) <sub>2</sub> Composite and Sequenced Potential Application in Slow Release Fertilizer. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 2496-2503 | 8.3 | 21 |
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| 53 | Efficient heavy metal sequestration from water by Mussel-inspired polystyrene conjugated with polyethyleneimine (PEI). <i>Chemical Engineering Journal</i> , <b>2022</b> , 429, 132599   | 14.7 | 2 |
| 52 | Mg <sub>3</sub> Y <sub>2</sub> Ge <sub>3</sub> O <sub>12</sub> :Bi <sup>3+</sup> UV fluorescent phosphor as the TiO <sub>2</sub> sensitizer for enhancing the heavy oil viscosity reduction. <i>Ceramics International</i> , <b>2019</b> , 45, 13112-13118 | 5.1  | 1 |
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| 50 | Self-assembled Graphene/Graphene Oxide-Based Nanocomposites Toward Photodynamic Therapy Applications <b>2018</b> , 227-254   |      | 1 |
| 49 | Preparation and self-assembly of two-component organogels via hexafluoropropane amino derivative and different acids. <i>Integrated Ferroelectrics</i> , <b>2017</b> , 182, 75-83  | 0.8  | 1 |
| 48 | Low Temperature Synthesis of MnO <sub>2</sub> /Graphene Nanocomposites for Supercapacitors. <i>Journal of Chemistry</i> , <b>2015</b> , 2015, 1-8  | 2.3  | 1 |
| 47 | Chemical Functionalization, Self-Assembly, and Applications of Nanomaterials and Nanocomposites 2014. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-1  | 3.2  | 1 |



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| 46 | Functionalized Nanocomposites for Environmental Applications 2015. <i>Journal of Chemistry</i> , <b>2015</b> , 2015, 1-1  | 2.3 | 1 |
| 45 | Spectroscopy in Materials Chemistry. <i>Journal of Spectroscopy</i> , <b>2015</b> , 2015, 1-2   | 1.5 | 1 |
| 44 | The Application of Resonance-Enhanced Multiphoton Ionization Technique in Gas Chromatography Mass Spectrometry. <i>Journal of Spectroscopy</i> , <b>2014</b> , 2014, 1-8  | 1.5 | 1 |
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| 40 | Supramolecular Assemblies and Self-Sorting of a Series of Cu(II)-Coordinated Schiff Bases Complexes at the Air/Water Interface. <i>Journal of Dispersion Science and Technology</i> , <b>2010</b> , 31, 1120-1127 <sup>1.5</sup>    | 1.5 | 1 |
| 39 | Highly Sensitive Detection of Iron Ions in Aqueous Solutions Using Fluorescent Chitosan Nanoparticles Functionalized by Rhodamine B.. <i>ACS Omega</i> , <b>2022</b> , 7, 5570-5577   | 3.9 | 1 |
| 38 | Selenocystine and Photo-Irradiation Directed Growth of Helically Grooved Gold Nanoarrows. <i>Small</i> , <b>2021</b> , e2104301   | 11  | 1 |
| 37 | Research advances in preparation and application of chitosan nanofluorescent probes. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 163, 1884-1896   | 7.9 | 1 |
| 36 | Three-Dimensional Network Pd-Ni/EALO Catalysts for Highly Active Catalytic Hydrogenation of Nitrobenzene to Aniline under Mild Conditions. <i>ACS Omega</i> , <b>2021</b> , 6, 9780-9790  | 3.9 | 1 |
| 35 | Comparison of visual detection of melamine by AuNPs sol prepared in marine and terrestrial plant extracts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 614, 126133                      | 5.1 | 1 |
| 34 | Study on surface enhanced fluorescence based on Ag@razor clam substrate. <i>Optics Communications</i> , <b>2021</b> , 488, 126863   | 2   | 1 |
| 33 | Construction of Multifunctional and Adjustable Langmuir-Blodgett Composite Films Containing Black Phosphorus with High Stability for Optically Electrical Applications. <i>Langmuir</i> , <b>2021</b> , 37, 8616-8626 <sup>4</sup>  |     | 1 |
| 32 | Advances in Design and Self-Assembly of Functionalized LB Films and Supramolecular Gels <b>2016</b> ,   |     | 1 |
| 31 | Revealing the Hemispherical Shielding Effect of SiO@Ag Composite Nanospheres to Improve the Surface Enhanced Raman Scattering Performance. <i>Nanomaterials</i> , <b>2021</b> , 11,   | 5.4 | 1 |
| 30 | Enhanced adsorption efficiency of graphene oxide by electrostatic field for Hg(II) removal from water. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 341, 117410  | 6   | 1 |
| 29 | Enhanced mechanical performances and high-conductivity of rGO/PEDOT:PSS/PVA composite fiber films via electrospinning strategy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 643, 128791 | 5.1 | 1 |

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| 28 | MXene-based film electrode and all-round hydrogel electrolyte for flexible all-solid supercapacitor with extremely low working temperature. <i>Cell Reports Physical Science</i> , <b>2022</b> , 100893   | 6.1 | 1 |
| 27 | Self-Assembled Composite Langmuir Films via Fluorine-Containing Bola-Type Derivative with Metal Ions. <i>Coatings</i> , <b>2018</b> , 8, 141  | 2.9 | 0 |
| 26 | Electrochemiluminescent Detection of Hydrogen Peroxide via Some Luminol Imide Derivatives with Different Substituent Groups. <i>Journal of Chemistry</i> , <b>2013</b> , 2013, 1-6  | 2.3 | 0 |
| 25 | In Situ-Grown Heterostructured CoS/CNTs/C Nanocomposites with a Bridged Structure for High-Performance Supercapacitors.. <i>ACS Omega</i> , <b>2021</b> , 6, 33855-33863  | 3.9 | 0 |
| 24 | UV-response behavior and chiral structure determination of Langmuir-Blodgett films consisting of polypeptide and dye molecules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 636, 128221   | 5.1 | 0 |
| 23 | Self-assembled FeP/MoP co-doped nanoporous carbon matrix for hydrogen evolution application. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 636, 128206  | 5.1 | 0 |
| 22 | Synergetic design of N-doped defect-enriched porous carbon matrix with Co-Co <sub>0.85</sub> Se loading for water splitting. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 637, 128243  | 5.1 | 0 |
| 21 | Facile synthesis of Ag <sub>3</sub> PO <sub>4</sub> /PPy/PANI ternary composites for efficient catalytic reduction of 4-nitrophenol and 2-nitroaniline. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 632, 127774                                     | 5.1 | 0 |
| 20 | Preparation, Sinterability, Electrical Transport and Thermal Expansion of Perovskite-Type La <sub>0.8</sub> Ca <sub>0.2</sub> CrO <sub>3</sub> Composites. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4634   | 2.6 | 0 |
| 19 | In-situ synthesis of Co <sub>3</sub> O <sub>4</sub> nanocrystal clusters on graphene as high-performance oxygen reduction reaction electrocatalysts. <i>Materials Technology</i> , 1-10   | 2.1 | 0 |
| 18 | Self-assembled photo-responsive black phosphorus-azobenzene composite Langmuir films with chemical gas sensor and photoelectric conversion applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 624, 126811                                    | 5.1 | 0 |
| 17 | Solvent selection and its effect on crystallization behavior of poly( $\epsilon$ -caprolactone) in electrospun poly( $\epsilon$ -caprolactone)/poly (lactic-co-glycolic acid) blend fibers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 644, 128896 | 5.1 | 0 |
| 16 | Interfacial Nanostructures and Photoelectric Properties in Self-Assembled Cholesterol Amide Derivative LangmuirBlodgett Films. <i>Integrated Ferroelectrics</i> , <b>2020</b> , 208, 28-39  | 0.8 |   |
| 15 | Preparation and Cu(II) ion removal capacities of Schiff base-based polystyrene nanocomposites for wastewater treatment. <i>Integrated Ferroelectrics</i> , <b>2019</b> , 197, 49-57   | 0.8 |   |
| 14 | Functionalized Nanocomposites for Environmental Applications. <i>Journal of Chemistry</i> , <b>2014</b> , 2014, 1-1   | 2.3 |   |
| 13 | Nanostructure and supramolecular assembly of binary mixed organogels via trigonal acids and bipyridine derivatives. <i>International Journal of Nanomanufacturing</i> , <b>2013</b> , 9, 375  | 0.7 |   |
| 12 | Preparation and characterization of novel anion phase change heat storage materials. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 6748-54   | 1.3 |   |
| 11 | Supramolecular Assembly and Headgroup Effect in Interfacial Organized Films (II): A Study of Some Single Chain Amphiphiles. <i>Journal of Dispersion Science and Technology</i> , <b>2011</b> , 32, 1599-1604   | 1.5 |   |

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| 10 | Preparation and photocatalytic property of silver nanoparticles using cationic pyridine derivative. <i>Integrated Ferroelectrics</i> , <b>2016</b> , 169, 15-21   | 0.8 |
| 9  | Green Preparation and Environmental Applications of Some Electrospun Fibers. <i>Materials Horizons</i> , <b>2021</b> , 455-484  | 0.6 |
| 8  | Preparation of Self-Assembled Composite Hydrogels and Their Application in Biomedicine and Wastewater Treatment <b>2021</b> , 51-70   |     |
| 7  | Facile Preparation of Nickel Hydroxide Composite Material as Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>Integrated Ferroelectrics</i> , <b>2021</b> , 219, 84-91                    | 0.8 |
| 6  | Influence of external electric field on polymerization of Fe (III) flocculant in water: A reactive molecular dynamics and experiment study. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 352, 118741 | 6   |
| 5  | Molecular dynamics simulation of yield thixotropy of crude oil systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 643, 128759                                 | 5.1 |
| 4  | Tunable Circularly Polarized Luminescence of Excited-State-Proton-Transfer-Based Chiral Guanidine. <i>Advanced Photonics Research</i> , <b>2022</b> , 3, 2100287  | 1.9 |
| 3  | Efficient detection of glucose by graphene-based non-enzymatic sensing material based on carbon dot. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 647, 129122    | 5.1 |
| 2  | Chemical Design and Environmental/Energetic Applications of Self-Assembled Nanocomposites and Nanostructures. <i>Journal of Chemistry</i> , <b>2022</b> , 2022, 1-1   | 2.3 |
| 1  | Graphene-based polymer composite films <b>2022</b> , 309-331  |     |