Ti-Feng Jiao

List of Publications by Year in Descending Order

279 papers	9,209 citations	53 h-index	86 g-index
295 ext. papers	11,065 ext. citations	4.8 avg, IF	6.94 L-index

#	Paper	IF	Citations
279	Highly Sensitive Detection of Iron Ions in Aqueous Solutions Using Fluorescent Chitosan Nanoparticles Functionalized by Rhodamine B.. *ACS Omega*, **2022**, 7, 5570-5577	3.9	1
278	Acupressure mat-like nanostructure with improved SERS performance. *Optics and Laser Technology*, **2022**, 148, 107765	4.2	10
277	Modified Ag nanoparticles on the regular array structure to improve the optical properties. *Journal of Luminescence*, **2022**, 243, 118684	3.8	10
276	UV-response behavior and chiral structure determination of Langmuir-Blodgett films consisting of polypeptide and dye molecules. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 636, 128221	5.1	0
275	Self-assembled FeP/MoP co-doped nanoporous carbon matrix for hydrogen evolution application. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 636, 128206	5.1	0
274	Synergetic design of N-doped defect-enriched porous carbon matrix with Co-Co0.85Se loading for water splitting. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 637, 128243	5.1	0
273	Facile synthesis of Ag3PO4/PPy/PANI ternary composites for efficient catalytic reduction of 4-nitrophenol and 2-nitroaniline. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 632, 127774	5.1	0
272	Efficient and sustainable phosphate removal from water by small-sized Al(OH) nanocrystals confined in discarded Artemia Cyst-shell: Ultrahigh sorption capacity and rapid sequestration. *Science of the Total Environment*, **2022**, 803, 150087	10.2	11
271	Efficient heavy metal sequestration from water by Mussel-inspired polystyrene conjugated with polyethyleneimine (PEI). *Chemical Engineering Journal*, **2022**, 429, 132599	14.7	2
270	Influence of ultrasound on the adsorption of single-walled carbon nanotubes to phenol: A study by molecular dynamics simulation and experiment. *Chemical Engineering Journal*, **2022**, 427, 131819	14.7	6
269	Construction of LaFeO3/g-C3N4 nanosheet-graphene heterojunction with built-in electric field for efficient visible-light photocatalytic hydrogen production. *Journal of Alloys and Compounds*, **2022**, 890, 161850	5.7	4
268	Influence of external electric field on polymerization of Fe (III) flocculant in water: A reactive molecular dynamics and experiment study. *Journal of Molecular Liquids*, **2022**, 352, 118741	6	
267	Enhanced mechanical performances and high-conductivity of rGO/PEDOT:PSS/PVA composite fiber films via electrospinning strategy. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 643, 128791	5.1	1
266	Molecular dynamics simulation of yield thixotropy of crude oil systems. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 643, 128759	5.1	
265	Solvent selection and its effect on crystallization behavior of poly(ε-caprolactone) in electrospun poly(ε-caprolactone)/poly (lactic-co-glycolic acid) blend fibers. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 644, 128896	5.1	0
264	Tunable Circularly Polarized Luminescence of Excited-State-Proton-Transfer-Based Chiral Guanidine. *Advanced Photonics Research*, **2022**, 3, 2100287	1.9	
263	MXene-based film electrode and all-round hydrogel electrolyte for flexible all-solid supercapacitor with extremely low working temperature. *Cell Reports Physical Science*, **2022**, 100893	6.1	1

262	Efficient detection of glucose by graphene-based non-enzymatic sensing material based on carbon dot. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 647, 129122	5.1	
261	Chemical Design and Environmental/Energic Applications of Self-Assembled Nanocomposites and Nanostructures. *Journal of Chemistry*, **2022**, 2022, 1-1	2.3	
260	Graphene-based polymer composite films **2022**, 309-331		
259	Biomineral calcium-ion-mediated conductive hydrogels with high stretchability and self-adhesiveness for sensitive iontronic sensors. *Cell Reports Physical Science*, **2021**, 2, 100623	6.1	12
258	Magnetic graphene oxide-containing chitosan-sodium alginate hydrogel beads for highly efficient and sustainable removal of cationic dyes. *International Journal of Biological Macromolecules*, **2021**, 193, 2221-2221	7.9	6
257	Selenocystine and Photo-Irradiation Directed Growth of Helically Grooved Gold Nanoarrows. *Small*, **2021**, e2104301	11	1
256	In Situ-Grown Heterostructured CoS/CNTs/C Nanocomposites with a Bridged Structure for High-Performance Supercapacitors.. *ACS Omega*, **2021**, 6, 33855-33863	3.9	0
255	Construction of Ag decorated P-doped g-C3N4 nanosheets Schottky junction via silver mirror reaction for enhanced photocatalytic activities. *International Journal of Hydrogen Energy*, **2021**, 47, 250-250	6.7	3
254	Facile Preparation of Self-Assembled Chitosan-Based POSS-CNTs-CS Composite as Highly Efficient Dye Absorbent for Wastewater Treatment. *ACS Omega*, **2021**, 6, 294-300	3.9	43
253	Biomimetic Nanozymes Based on Coassembly of Amino Acid and Hemin for Catalytic Oxidation and Sensing of Biomolecules. *Small*, **2021**, 17, e2008114	11	40
252	Three-Dimensional Network Pd-Ni/□AlO Catalysts for Highly Active Catalytic Hydrogenation of Nitrobenzene to Aniline under Mild Conditions. *ACS Omega*, **2021**, 6, 9780-9790	3.9	1
251	Comparison of visual detection of melamine by AuNPs sol prepared in marine and terrestrial plant extracts. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 614, 126133	5.1	1
250	Facile preparation of agar/polyvinyl alcohol-based triple-network composite hydrogels with excellent mechanical performances. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 615, 126270	5.1	8
249	Research on the Raman properties of NiFe/cicada wing composite SERS platform modified by silver nanoparticles. *Current Applied Physics*, **2021**, 25, 24-32	2.6	5
248	Self-assembled Au/Fe3O4 nanoparticle-loaded phytic acid-graphene oxide composite foam with highly efficient catalytic performance for p-nitrophenol and o-nitroaniline organic pollutants. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 617, 126368	5.1	3
247	Study on surface enhanced fluorescence based on Ag@razor clam substrate. *Optics Communications*, **2021**, 488, 126863	2	1
246	Construction of Multifunctional and Adjustable Langmuir-Blodgett Composite Films Containing Black Phosphorus with High Stability for Optically Electrical Applications. *Langmuir*, **2021**, 37, 8616-8626	4	1
245	Extraction-like removal of organic dyes from polluted water by the graphene oxide/PNIPAM composite system. *Chemical Engineering Journal*, **2021**, 405, 126647	14.7	54

244	MnFe2O4 nanoparticles promoted electrochemical oxidation coupling with persulfate activation for tetracycline degradation. *Separation and Purification Technology*, **2021**, 255, 117690	8.3	44
243	Enhance fluorescence study of grating structure based on three kinds of optical disks. *Optics Communications*, **2021**, 481, 126522	2	22
242	Photocatalytic activity of G-TiO@FeO with persulfate for degradation of alizarin red S under visible light. *Chemosphere*, **2021**, 266, 129236	8.4	12
241	Self-assembled Ni2P nanosheet-implanted reduced graphene oxide composite as highly efficient electrocatalyst for oxygen evolution reaction. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 612, 125992	5.1	24
240	Facile preparation and high performance of wearable strain sensors based on ionically cross-linked composite hydrogels. *Science China Materials*, **2021**, 64, 942-952	7.1	63
239	Preparation of PdNPs doped chitosan-based composite hydrogels as highly efficient catalysts for reduction of 4-nitrophenol. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 611, 125889	5.1	69
238	Facile preparation of self-assembled black phosphorus-based composite LB films as new chemical gas sensors. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 608, 125616	5.1	37
237	Facile Preparation and Excellent Ultraviolet Shielding Application of Polyurethane-TiO 2 Composite Microcapsules. *Particle and Particle Systems Characterization*, **2021**, 38, 2000265	3.1	3
236	Self-assembled natural biomacromolecular fluorescent hydrogels with tunable red edge effects. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 612, 125993	5.1	16
235	FeO nanoparticles three-dimensional electro-peroxydisulfate for improving tetracycline degradation. *Chemosphere*, **2021**, 268, 129315	8.4	49
234	Facile preparation and highly efficient photodegradation performances of self-assembled Artemia eggshell-ZnO nanocomposites for wastewater treatment. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 610, 125752	5.1	48
233	Self-Assembled Sandwich-like MXene-Derived Composites as Highly Efficient and Sustainable Catalysts for Wastewater Treatment. *Langmuir*, **2021**, 37, 1267-1278	4	47
232	Green Preparation and Environmental Applications of Some Electrospun Fibers. *Materials Horizons*, **2021**, 455-484	0.6	
231	Self-Assembled Black Phosphorus-Based Composite Langmuir-Blodgett Films with an Enhanced Photocurrent Generation Capability and Surface-Enhanced Raman Scattering Properties. *ACS Omega*, **2021**, 6, 4430-4439	3.9	7
230	Construction of Nanocrystalline Cellulose-Based Composite Fiber Films with Excellent Porosity Performances via an Electrospinning Strategy. *ACS Omega*, **2021**, 6, 4958-4967	3.9	27
229	Synthesis of a New Amino-Furopyridine-Based Compound as a Novel Fluorescent pH Sensor in Aqueous Solution. *ACS Omega*, **2021**, 6, 4800-4806	3.9	3
228	Improve optical properties by modifying Ag nanoparticles on a razor clam SERS substrate. *Optics Express*, **2021**, 29, 5152-5165	3.3	28
227	Exploring the enhanced catalytic performance on nitro dyes via a novel template of flake-network Ni-Ti LDH/GO in-situ deposited with Ag3PO4 NPs. *Applied Surface Science*, **2021**, 543, 148821	6.7	44

226	Green Synthesis of Iron Nanoparticles Using Green Tea and Its Removal of Hexavalent Chromium. *Nanomaterials*, **2021**, 11,	5.4	15
225	Preparation of Self-Assembled Composite Hydrogels and Their Application in Biomedicine and Wastewater Treatment **2021**, 51-70		
224	A Critical Review of Carbon Quantum Dots: From Synthesis toward Applications in Electrochemical Biosensors for the Determination of a Depression-Related Neurotransmitter. *Materials*, **2021**, 14,	3.5	5
223	In-situ desorption of acetaminophen from the surface of graphene oxide driven by an electric field: A study by molecular dynamics simulation. *Chemical Engineering Journal*, **2021**, 418, 129391	14.7	4
222	Facile fabrication of molybdenum compounds (Mo2C, MoP and MoS2) nanoclusters supported on N-doped reduced graphene oxide for highly efficient hydrogen evolution reaction over broad pH range. *Chemical Engineering Journal*, **2021**, 417, 129233	14.7	47
221	Revealing the Hemispherical Shielding Effect of SiO@Ag Composite Nanospheres to Improve the Surface Enhanced Raman Scattering Performance. *Nanomaterials*, **2021**, 11,	5.4	1
220	Self-assembled photo-responsive black phosphorus-azobenzene composite Langmuir films with chemical gas sensor and photoelectric conversion applications. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 624, 126811	5.1	0
219	Facile Preparation of a Rhodamine B Derivative-Based Fluorescent Probe for Visual Detection of Iron Ions. *ACS Omega*, **2021**, 6, 25040-25048	3.9	3
218	Facile Preparation of Nickel Hydroxide Composite Material as Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. *Integrated Ferroelectrics*, **2021**, 219, 84-91	0.8	
217	Enhanced adsorption efficiency of graphene oxide by electrostatic field for Hg(II) removal from water. *Journal of Molecular Liquids*, **2021**, 341, 117410	6	1
216	Coupled Sn/Mo2C nanoparticles wrapped in carbon nanofibers by electrospinning as high-performance electrocatalyst for hydrogen evolution reaction. *Applied Surface Science*, **2021**, 566, 150754	6.7	5
215	Preparation of carboxymethyl chitosan/phytic acid composite hydrogels for rapid dye adsorption in wastewater treatment. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 628, 127355	5.1	5
214	Peracetic acid enhanced electrochemical advanced oxidation for organic pollutant elimination. *Separation and Purification Technology*, **2021**, 276, 119317	8.3	11
213	MoS2 co-catalysis promoted CaO2 Fenton-like process: Performance and mechanism. *Separation and Purification Technology*, **2021**, 276, 119289	8.3	12
212	Sequentially amplified circularly polarized ultraviolet luminescence for enantioselective photopolymerization. *Nature Communications*, **2020**, 11, 5659	17.4	35
211	Facile preparation of black phosphorus-based rGO-BP-Pd composite hydrogels with enhanced catalytic reduction of 4-nitrophenol performances for wastewater treatment. *Journal of Molecular Liquids*, **2020**, 310, 113083	6	8
210	Facile preparation of self-assembled MXene@Au@CdS nanocomposite with enhanced photocatalytic hydrogen production activity. *Science China Materials*, **2020**, 63, 2228-2238	7.1	71
209	Preparation and High Photocurrent Generation Enhancement of Self-Assembled Layered Double Hydroxide-Based Composite Dye Films. *Langmuir*, **2020**, 36, 7483-7493	4	5

208	Interfacial Nanostructures and Photoelectric Properties in Self-Assembled Cholesterol Amide Derivative LangmuirBlodgett Films. *Integrated Ferroelectrics*, **2020**, 208, 28-39	0.8	
207	MXene-hybridized silane films for metal anticorrosion and antibacterial applications. *Applied Surface Science*, **2020**, 527, 146915	6.7	29
206	Self-assembled functional components-doped conductive polypyrrole composite hydrogels with enhanced electrochemical performances.. *RSC Advances*, **2020**, 10, 10546-10551	3.7	22
205	Fabrication of Hydrogels via Host-Guest Polymers as Highly Efficient Organic Dye Adsorbents for Wastewater Treatment. *ACS Omega*, **2020**, 5, 5470-5479	3.9	12
204	Synergism of Multicomponent Catalysis: One-Dimensional Pt-Rh-Pd Nanochain Catalysts for Efficient Methanol Oxidation. *ACS Omega*, **2020**, 5, 14805-14813	3.9	6
203	Preparation of Functional CNT-COOH-Cu Nanocomposites Using Carbon Nanotubes and Application for Reduction of p-Nitrophenol. *Integrated Ferroelectrics*, **2020**, 208, 97-103	0.8	1
202	Facile Synthesis of Ag/Pd NanoparticleLoaded Poly(ethylene imine) Composite Hydrogels with Highly Efficient Catalytic Reduction of 4-Nitrophenol. *ACS Omega*, **2020**, 5, 3725-3733	3.9	82
201	Langmuir-Blodgett films of two chiral perylene bisimide-based molecules: Aggregation and supramolecular chirality. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 591, 124563	5.1	22
200	Facile Synthesis of Self-Assembled NiFe Layered Double Hydroxide-Based Azobenzene Composite Films with Photoisomerization and Chemical Gas Sensor Performances. *ACS Omega*, **2020**, 5, 3689-3698	3.9	35
199	Fabrication of hierarchical SrTiO@MoS heterostructure nanofibers as efficient and low-cost electrocatalysts for hydrogen-evolution reactions. *Nanotechnology*, **2020**, 31, 205604	3.4	39
198	Facile Preparation of Self-Assembled Black Phosphorus-Dye Composite Films for Chemical Gas Sensors and Surface-Enhanced Raman Scattering Performances. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 4521-4536	8.3	73
197	Facile preparation of self-assembled Ni/Co phosphates composite spheres with highly efficient HER electrocatalytic performances. *Applied Surface Science*, **2020**, 509, 145383	6.7	47
196	Multifunctional Antimicrobial Biometallohydrogels Based on Amino Acid Coordinated Self-Assembly. *Small*, **2020**, 16, e1907309	11	99
195	Synthesis of self-assembled phytic acid-MXene nanocomposites via a facile hydrothermal approach with elevated dye adsorption capacities. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 589, 124468	5.1	67
194	Facile synthesis of cobalt phosphide nanoparticles as highly active electrocatalysts for hydrogen evolution reaction. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 600, 124925	5.1	7
193	Porous FeO /carbon nanocomposites with different iron oxidation degree for building high-performance lithium ion batteries. *Nanotechnology*, **2020**, 31, 285403	3.4	4
192	Facile preparation of self-assembled chitosan-based composite hydrogels with enhanced adsorption performances. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 598, 124860	5.1	17
191	Fabrication and Thermal Degradation Kinetics of PBT/BEO/Nano-Sb2O3 Composites. *Journal of Nanomaterials*, **2020**, 2020, 1-10	3.2	4

190	Facile Synthesis of Cu2O nanoparticle-loaded Carbon Nanotubes Composite Catalysts for Reduction of 4-Nitrophenol. *Current Nanoscience*, **2020**, 16, 617-624	1.4	20
189	Controllable morphology and highly efficient catalytic performances of PdCu bimetallic nanomaterials prepared via seed-mediated co-reduction synthesis. *Applied Surface Science*, **2020**, 527, 146719	6.7	10
188	Ni2P/MoS2 interfacial structures loading on N-doped carbon matrix for highly efficient hydrogen evolution. *Green Energy and Environment*, **2020**,	5.7	11
187	Self-assembled copper/cobalt-containing polypyrrole hydrogels for highly efficient ORR electrocatalysts. *Journal of Molecular Liquids*, **2020**, 298, 112010	6	37
186	Nickel/Cobalt-Containing polypyrrole hydrogel-derived approach for efficient ORR electrocatalyst. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 586, 124221	5.1	27
185	Research advances in preparation and application of chitosan nanofluorescent probes. *International Journal of Biological Macromolecules*, **2020**, 163, 1884-1896	7.9	1
184	Effect of an Electric Field on Surface Properties of Hydrophobic Particles during a Flotation Process in Salt Water. *Langmuir*, **2020**, 36, 8922-8928	4	3
183	Green synthesis of gold nanoparticles using Sargassum carpophyllum extract and its application in visual detection of melamine. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 603, 125293	5.1	11
182	Chemical Vapor Deposition-Assisted Fabrication of Self-Assembled Co/MnO@C Composite Nanofibers as Advanced Anode Materials for High-Capacity Li-Ion Batteries. *Langmuir*, **2020**, 36, 14342-14351	4	3
181	Research Progress Review of Preparation and Applications of Fluorescent Hydrogels. *Journal of Chemistry*, **2020**, 2020, 1-17	2.3	3
180	Preparation, Sinterability, Electrical Transport and Thermal Expansion of Perovskite-Type La0.8Ca0.2CrO3 Composites. *Applied Sciences (Switzerland)*, **2020**, 10, 4634	2.6	0
179	Highly efficient catalytic performances of nitro compounds via hierarchical PdNPs-loaded MXene/polymer nanocomposites synthesized through electrospinning strategy for wastewater treatment. *Chinese Chemical Letters*, **2020**, 31, 992-995	8.1	65
178	Preparation and aggregate state regulation of co-assembly graphene oxide-porphyrin composite Langmuir films via surface-modified graphene oxide sheets. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 584, 124023	5.1	62
177	Fabrication of CS/GA/RGO/Pd composite hydrogels for highly efficient catalytic reduction of organic pollutants.. *RSC Advances*, **2020**, 10, 15091-15097	3.7	57
176	Facile Preparation of Hierarchical AgNP-Loaded MXene/FeO/Polymer Nanocomposites by Electrospinning with Enhanced Catalytic Performance for Wastewater Treatment. *ACS Omega*, **2019**, 4, 1897-1906	3.9	176
175	Facile Preparation of Self-Assembled Polydopamine-Modified Electrospun Fibers for Highly Effective Removal of Organic Dyes. *Nanomaterials*, **2019**, 9,	5.4	66
174	Fabrication and Highly Efficient Dye Removal Characterization of Beta-Cyclodextrin-Based Composite Polymer Fibers by Electrospinning. *Nanomaterials*, **2019**, 9,	5.4	60
173	Facile biosynthesis and grown mechanism of gold nanoparticles in pueraria lobata extract. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 567, 69-75	5.1	14

172	Facile solvothermal preparation of FeO-Ag nanocomposite with excellent catalytic performance.. *RSC Advances*, **2019**, 9, 878-883	3.7	60
171	Facile preparation of self-assembled hydrogels constructed from poly-cyclodextrin and poly-adamantane as highly selective adsorbents for wastewater treatment. *Soft Matter*, **2019**, 15, 6097-6106	3.6	89
170	Non-covalent self-assembly of multi-target polystyrene composite adsorbent with highly efficient Cu(II) ion removal capability. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 577, 674-682	5.1	10
169	Facile Preparation of Self-Assembled Layered Double Hydroxide-Based Composite Dye Films As New Chemical Gas Sensors. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 10888-10899	8.3	103
168	Boosting the circularly polarized luminescence of small organic molecules multi-dimensional morphology control. *Chemical Science*, **2019**, 10, 6821-6827	9.4	97
167	Insulin amyloid fibrils-templated rational self-assembly of vine-tree-like PtRh nanocatalysts for efficient methanol electrooxidation. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 573, 6-13	5.1	14
166	Facile Preparation and Enhanced Catalytic Properties of Self-Assembled Pd Nanoparticle-Loaded Nanocomposite Films Synthesized via the Electrospun Approach. *ACS Omega*, **2019**, 4, 8480-8486	3.9	5
165	Preparation of a Novel SERS Platform Based on Mantis Wing with High-Density and Multi-Level "Hot Spots". *Nanomaterials*, **2019**, 9,	5.4	6
164	Facile Preparation of Porous Rod-like Cu Co O/C Composites via Bimetal-Organic Framework Derivation as Superior Anodes for Lithium-Ion Batteries. *ACS Omega*, **2019**, 4, 7565-7573	3.9	6
163	Density functional theory investigation of the adsorption behaviors of SO2 and NO2 on a Pt(111) surface. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 568, 266-270	5.1	15
162	Facile Preparation of Carbon Nanotube-CuO Nanocomposites as New Catalyst Materials for Reduction of P-Nitrophenol. *Nanoscale Research Letters*, **2019**, 14, 78	5	65
161	Mg3Y2Ge3O12:Bi3+ UV fluorescent phosphor as the TiO2 sensitizer for enhancing the heavy oil viscosity reduction. *Ceramics International*, **2019**, 45, 13112-13118	5.1	1
160	Preparation of Self-Assembled Composite Films Constructed by Chemically-Modified MXene and Dyes with Surface-Enhanced Raman Scattering Characterization. *Nanomaterials*, **2019**, 9,	5.4	62
159	Chiral Nanostructured Composite Films via Solvent-Tuned Self-Assembly and Their Enantioselective Performances. *Langmuir*, **2019**, 35, 3337-3345	4	48
158	Hierarchical electrospun nanofibers treated by solvent vapor annealing as air filtration mat for high-efficiency PM2.5 capture. *Science China Materials*, **2019**, 62, 423-436	7.1	98
157	Self-assembled polyelectrolyte-based composite hydrogels with enhanced stretchable and adsorption performances. *Journal of Molecular Liquids*, **2019**, 294, 111576	6	19
156	Highly Efficient Catalytic Performances of Nitro Compounds and Morin via Self-Assembled MXene-Pd Nanocomposites Synthesized through Self-Reduction Strategy. *Nanomaterials*, **2019**, 9,	5.4	17
155	Self-Assembled Naphthylidene-Containing Schiff Base Anchored Polystyrene Nanocomposites Targeted for Selective Cu(II) Ion Removal from Wastewater. *ACS Omega*, **2019**, 4, 12098-12106	3.9	7

154	Self-assembled hydrogels constructed via host-guest polymers with highly efficient dye removal capability for wastewater treatment. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 579, 123670	5.1	17
153	A facile preparation method for new two-component supramolecular hydrogels and their performances in adsorption, catalysis, and stimuli-response.. *RSC Advances*, **2019**, 9, 22551-22558	3.7	80
152	Ag@DWs nanopillars as a nanoprobe for detection of R6G via surface-enhanced fluorescent. *Optics Communications*, **2019**, 451, 345-352	2	7
151	Preparation of Palladium Nanoparticles Decorated Polyethyleneimine/Polycaprolactone Composite Fibers Constructed by Electrospinning with Highly Efficient and Recyclable Catalytic Performances. *Catalysts*, **2019**, 9, 559	4	64
150	Robust Photothermal Nanodrugs Based on Covalent Assembly of Nonpigmented Biomolecules for Antitumor Therapy. *ACS Applied Materials & Interfaces*, **2019**, 11, 41898-41905	9.5	35
149	Preparation and Cu(II) ion removal capacities of Schiff base-based polystyrene nanocomposites for wastewater treatment. *Integrated Ferroelectrics*, **2019**, 197, 49-57	0.8	
148	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. *Nanotechnology*, **2019**, 31, 085603	3.4	52
147	In Situ Construction of Ag/TiO/g-CN Heterojunction Nanocomposite Based on Hierarchical Co-Assembly with Sustainable Hydrogen Evolution. *Nanomaterials*, **2019**, 10,	5.4	128
146	Facile Preparation and Highly Efficient Catalytic Performances of Pd-Cu Bimetallic Catalyst Synthesized via Seed-Mediated Method. *Nanomaterials*, **2019**, 10,	5.4	29
145	Preparation and Dye Degradation Performances of Self-Assembled MXene-CoO Nanocomposites Synthesized via Solvothermal Approach. *ACS Omega*, **2019**, 4, 3946-3953	3.9	39
144	Interfacial nanostructures and acidichromism behaviors in self-assembled terpyridine derivatives Langmuir-Blodgett films. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 564, 1-9	5.1	37
143	Facile preparation and catalytic performance characterization of AuNPs-loaded hierarchical electrospun composite fibers by solvent vapor annealing treatment. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 561, 283-291	5.1	92
142	The porous structure effects of skeleton builders in sustainable sludge dewatering process. *Journal of Environmental Management*, **2019**, 230, 14-20	7.9	26
141	Self-assembled Graphene/Graphene Oxide-Based Nanocomposites Toward Photodynamic Therapy Applications **2018**, 227-254		1
140	Selective Cu(II) ion removal from wastewater via surface charged self-assembled polystyrene-Schiff base nanocomposites. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 545, 60-67	5.1	61
139	Fabrication of tunable hierarchical MXene@AuNPs nanocomposites constructed by self-reduction reactions with enhanced catalytic performances. *Science China Materials*, **2018**, 61, 728-736	7.1	140
138	Crystalline Dipeptide Nanobelts Based on Solid-Solid Phase Transformation Self-Assembly and Their Polarization Imaging of Cells. *ACS Applied Materials & Interfaces*, **2018**, 10, 2368-2376	9.5	88
137	Preparation and enhanced structural integrity of electrospun poly(Ɛ-caprolactone)-based fibers by freezing amorphous chains through thiol-ene click reaction. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 538, 7-13	5.1	49

136	Distinguished Cr(VI) capture with rapid and superior capability using polydopamine microsphere: Behavior and mechanism. *Journal of Hazardous Materials*, **2018**, 342, 732-740	12.8	126
135	Preparation and adsorption capacities evaluation of supramolecular two-component gels nanostructures via fluorine-containing diacid and glutamic acid amino derivative. *Integrated Ferroelectrics*, **2018**, 189, 135-146	0.8	2
134	Self-Assembled AgNP-Containing Nanocomposites Constructed by Electrospinning as Efficient Dye Photocatalyst Materials for Wastewater Treatment. *Nanomaterials*, **2018**, 8,	5.4	112
133	Self-Assembled Composite Langmuir Films via Fluorine-Containing Bola-Type Derivative with Metal Ions. *Coatings*, **2018**, 8, 141	2.9	0
132	Covalent Assembly of Amphiphilic Bola-Amino Acids into Robust and Biodegradable Nanoparticles for In Vitro Photothermal Therapy. *Chemistry - an Asian Journal*, **2018**, 13, 3526-3532	4.5	17
131	Proton triggered circularly polarized luminescence in orthogonal- and co-assemblies of chiral gelators with achiral perylene bisimide. *Chemical Communications*, **2018**, 54, 5630-5633	5.8	34
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