

Lin Gao

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314
papers

6,983
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42
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64
g-index

321
ext. papers

8,142
ext. citations

4.5
avg, IF

6.23
L-index

#	Paper	IF	Citations
314	Commercially available molybdc compound-catalyzed ultra-deep desulfurization of fuels in ionic liquids. <i>Green Chemistry</i> , 2008 , 10, 641	10	193
313	Oxidative Desulfurization of Fuels Catalyzed by Peroxotungsten and Peroxomolybdenum Complexes in Ionic Liquids. <i>Energy & Fuels</i> , 2007 , 21, 2514-2516	4.1	183
312	Recent advances in non-enzymatic electrochemical glucose sensors based on non-precious transition metal materials: opportunities and challenges. <i>RSC Advances</i> , 2016 , 6, 84893-84905	3.7	146
311	Photo-Fenton self-cleaning membranes with robust flux recovery for an efficient oil/water emulsion separation. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 8491-8502	13	141
310	Deep oxidative desulfurization of fuels in redox ionic liquids based on iron chloride. <i>Green Chemistry</i> , 2009 , 11, 810	10	136
309	Phase Diagrams of Ammonium Sulfate + Ethanol/1-Propanol/2-Propanol + Water Aqueous Two-Phase Systems at 298.15 K and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 876-881	2.8	113
308	Deep oxidative desulfurization of fuels by Fenton-like reagent in ionic liquids. <i>Green Chemistry</i> , 2009 , 11, 1801	10	104
307	Deep Oxidative Desulfurization of Fuel Oils Catalyzed by Decatungstates in the Ionic Liquid of [Bmim]PF ₆ . <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 9034-9039	3.9	95
306	Enhanced Recyclability, Stability, and Selectivity of CdS/C@Fe ₃ O ₄ Nanoreactors for Orientation Photodegradation of Ciprofloxacin. <i>Chemistry - A European Journal</i> , 2015 , 21, 18528-33	4.8	92
305	Intercalation Effect of Attapulgite in g-C ₃ N ₄ Modified with Fe ₃ O ₄ Quantum Dots To Enhance Photocatalytic Activity for Removing 2-Mercaptobenzothiazole under Visible Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 10614-10623	8.3	90
304	Bioinspired Synthesis of Photocatalytic Nanocomposite Membranes Based on Synergy of Au-TiO ₂ and Polydopamine for Degradation of Tetracycline under Visible Light. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 23687-23697	9.5	90
303	Uncapped nanobranched CuS clews used as an efficient peroxidase mimic enable the visual detection of hydrogen peroxide and glucose with fast response. <i>Analytica Chimica Acta</i> , 2016 , 947, 42-49	6.6	86
302	An eco-friendly molecularly imprinted fluorescence composite material based on carbon dots for fluorescent detection of 4-nitrophenol. <i>Mikrochimica Acta</i> , 2016 , 183, 2197-2203	5.8	80
301	A Multiple-Functional Ag/SiO ₂ /Organic Based Biomimetic Nanocomposite Membrane for High-Stability Protein Recognition and Cell Adhesion/Detachment. <i>Advanced Functional Materials</i> , 2015 , 25, 5823-5832	15.6	78
300	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> , 2015 , 3, 1287-1297	13	77
299	Specific oriented recognition of a new stable ICTX@Mfa with retrievability for selective photocatalytic degrading of ciprofloxacin. <i>Catalysis Science and Technology</i> , 2016 , 6, 1367-1377	5.5	76
298	Anti-fouling and thermosensitive ion-imprinted nanocomposite membranes based on graphene oxide and silicon dioxide for selectively separating europium ions. <i>Journal of Hazardous Materials</i> , 2018 , 353, 244-253	12.8	75

297	Fabrication and evaluation of magnetic/hollow double-shelled imprinted sorbents formed by Pickering emulsion polymerization. <i>Langmuir</i> , 2013 , 29, 8170-8	4	74
296	Enhanced photocatalytic activity of g-C ₃ N ₄ /ZnO/HNT composite heterostructure photocatalysts for degradation of tetracycline under visible light irradiation. <i>RSC Advances</i> , 2015 , 5, 91177-91189	3.7	70
295	Design of mesoporous silica hybrid materials as sorbents for the selective recovery of rare earth metals. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 10327-10335	13	66
294	Measurement and Correlation of Phase Diagram Data for Several Hydrophilic Alcohol + Citrate Aqueous Two-Phase Systems at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 4574-4579	2.8	65
293	Molecularly imprinted fluorescent hollow nanoparticles as sensors for rapid and efficient detection of cyhalothrin in environmental water. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 387-394	11.8	62
292	A novel hollow capsule-like recyclable functional ZnO/C/Fe ₃ O ₄ endowed with three-dimensional oriented recognition ability for selectively photodegrading danofloxacin mesylate. <i>Catalysis Science and Technology</i> , 2016 , 6, 6513-6524	5.5	61
291	Efficient adsorption and separation of dysprosium from NdFeB magnets in an acidic system by ion imprinted mesoporous silica sealed in a dialysis bag. <i>Green Chemistry</i> , 2016 , 18, 5031-5040	10	61
290	Selective recognition of 2,4,5-trichlorophenol by temperature responsive and magnetic molecularly imprinted polymers based on halloysite nanotubes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3360		61
289	Enhanced photocatalytic degradation of tetracycline antibiotics by reduced graphene oxide@ZnS heterostructure photocatalysts. <i>New Journal of Chemistry</i> , 2015 , 39, 5150-5160	3.6	60
288	Bioinspired synthesis of high-performance nanocomposite imprinted membrane by a polydopamine-assisted metal-organic method. <i>Journal of Hazardous Materials</i> , 2017 , 323, 663-673	12.8	60
287	Robust Nacrelike Graphene Oxide-Calcium Carbonate Hybrid Mesh with Underwater Superoleophobic Property for Highly Efficient Oil/Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4482-4493	9.5	60
286	Highly-controllable imprinted polymer nanoshell at the surface of magnetic halloysite nanotubes for selective recognition and rapid adsorption of tetracycline. <i>RSC Advances</i> , 2014 , 4, 7967	3.7	58
285	Photometric determination of free cholesterol via cholesterol oxidase and carbon nanotube supported Prussian blue as a peroxidase mimic. <i>Mikrochimica Acta</i> , 2017 , 184, 2181-2189	5.8	57
284	Selective Removal of 3-Chlorophenol from Aqueous Solution Using Surface Molecularly Imprinted Microspheres. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 2793-2801	2.8	55
283	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> , 2019 , 533, 278-286	9.3	54
282	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> , 2015 , 17, 3338-3349	10	53
281	Fabricated rGO-modified AgS nanoparticles/g-CN nanosheets photocatalyst for enhancing photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2019 , 554, 468-478	9.3	53
280	A surface ion-imprinted mesoporous sorbent for separation and determination of Pb(II) ion by flame atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2011 , 172, 309-317	5.8	53

279	Switched recognition and release ability of temperature responsive molecularly imprinted polymers based on magnetic halloysite nanotubes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 17167		51
278	Molecular Imprinting in Fluorescent Particle Stabilized Pickering Emulsion for Selective and Sensitive Optosensing of Cyhalothrin. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 10445-10453	3.8	51
277	Dual-template docking oriented ionic imprinted bilayer mesoporous films with efficient recovery of neodymium and dysprosium. <i>Journal of Hazardous Materials</i> , 2018 , 353, 496-504	12.8	50
276	Surface imprinting of a g-C ₃ N ₄ photocatalyst for enhanced photocatalytic activity and selectivity towards photodegradation of 2-mercaptobenzothiazole. <i>RSC Advances</i> , 2015 , 5, 40726-40736	3.7	49
275	An ion-imprinted functionalized SBA-15 adsorbent synthesized by surface imprinting technique via reversible addition-fragmentation chain transfer polymerization for selective removal of Ce(III) from aqueous solution. <i>Journal of Hazardous Materials</i> , 2014 , 278, 134-43	12.8	49
274	Selective Adsorption of Methylparaben by Submicrosized Molecularly Imprinted Polymer: Batch and Dynamic Flow Mode Studies. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 14915-14924	2.9	49
273	Near-infrared light-responsive nanoparticles with thermosensitive yolk-shell structure for multimodal imaging and chemo-photothermal therapy of tumor. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1607-1616	6	42
272	Acid chromic chloride functionalized natural clay-particles for enhanced conversion of one-pot cellulose to 5-hydroxymethylfurfural in ionic liquids. <i>RSC Advances</i> , 2014 , 4, 11664	3.7	42
271	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> , 2016 , 192, 163-70	8.5	41
270	Molecularly imprinted polymer microspheres for optical measurement of ultra trace nonfluorescent cyhalothrin in honey. <i>Food Chemistry</i> , 2014 , 156, 1-6	8.5	41
269	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> , 2015 , 870, 83-91	6.6	41
268	Phase equilibrium and macrolide antibiotics partitioning in real water samples using a two-phase system composed of the ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate and an aqueous solution of an inorganic salt. <i>Mikrochimica Acta</i> , 2010 , 169, 15-22	5.8	41
267	Ultrathin magnetic Mg-Al LDH photocatalyst for enhanced CO reduction: Fabrication and mechanism. <i>Journal of Colloid and Interface Science</i> , 2019 , 555, 1-10	9.3	40
266	Synthesis and Characterization of a Surface Molecular Imprinted Polymer as a New Adsorbent for the Removal of Dibenzothiophene. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1713-1720	2.8	40
265	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> , 2016 , 210, 1-8	8.5	40
264	Efficient Recovery of Neodymium in Acidic System by Free-Standing Dual-Template Docking Oriented Ionic Imprinted Mesoporous Films. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 730-739	9.5	39
263	A core-shell surface magnetic molecularly imprinted polymers with fluorescence for Cyhalothrin selective recognition. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 7213-20	4.4	38
262	Preparation and performance of a novel magnetic conductive imprinted photocatalyst for selective photodegradation of antibiotic solution. <i>RSC Advances</i> , 2013 , 3, 18373	3.7	38

261	Recent advances in ion-imprinted membranes: separation and detection via ion-selective recognition. <i>Environmental Science: Water Research and Technology</i> , 2019 , 5, 1626-1653	4.2	37
260	Microwave-hydrothermal synthesis of a novel, recyclable and stable photocatalytic nanoreactor for recognition and degradation of tetracycline. <i>Catalysis Science and Technology</i> , 2017 , 7, 4092-4104	5.5	37
259	A novel route for green conversion of cellulose to HMF by cascading enzymatic and chemical reactions. <i>AIChE Journal</i> , 2017 , 63, 4920-4932	3.6	37
258	Optical detection of α -cyhalothrin by core-shell fluorescent molecularly imprinted polymers in Chinese spirits. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 2392-9	5.7	37
257	Construction of stable core-shell imprinted Ag-(poly-o-phenylenediamine)/CoFe ₂ O ₄ photocatalyst endowed with the specific recognition capability for selective photodegradation of ciprofloxacin. <i>RSC Advances</i> , 2017 , 7, 48894-48903	3.7	36
256	A simple and sensitive surface molecularly imprinted polymers based fluorescence sensor for detection of α -cyhalothrin. <i>Talanta</i> , 2014 , 125, 14-23	6.2	35
255	Liquid-Liquid Equilibrium of Aqueous Two-Phase Systems of PPG400 and Biodegradable Salts at Temperatures of (298.15, 308.15, and 318.15) K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2857-2861	2.8	35
254	Facile synthesis of microcellular foam catalysts with adjustable hierarchical porous structure, acid-base strength and wettability for biomass energy conversion. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 13507-13518	13	34
253	Fe ₃ C/Fe/C Magnetic Hierarchical Porous Carbon with Micromesopores for Highly Efficient Chloramphenicol Adsorption: Magnetization, Graphitization, and Adsorption Properties Investigation. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 3510-3522	3.9	33
252	Magnetic ZnO surface-imprinted polymers prepared byARGET ATRP and the application for antibiotics selective recognition. <i>RSC Advances</i> , 2012 , 2, 5571	3.7	33
251	Measurement and Correlation of the Phase Diagram Data for PPG400 + (K ₃ PO ₄ , K ₂ CO ₃ , and K ₂ HPO ₄) + H ₂ O Aqueous Two-Phase Systems at T = 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 4741-4745	2.8	33
250	Molecularly imprinted polymers based on magnetic fly-ash-cenosphere composites for bisphenol A recognition. <i>Journal of Materials Chemistry</i> , 2011 , 21, 15741		33
249	Preparation of highly porous carbon from sustainable cellulose for superior removal performance of tetracycline and sulfamethazine from water. <i>RSC Advances</i> , 2016 , 6, 28023-28033	3.7	32
248	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> , 2016 , 6, 51014-51023	3.7	32
247	Confinement of ultrasmall CoFeO nanoparticles in hierarchical ZnInS microspheres with enhanced interfacial charge separation for photocatalytic H ₂ evolution. <i>Journal of Colloid and Interface Science</i> , 2021 , 581, 764-773	9.3	32
246	One-Pot Anchoring of Pd Nanoparticles on Nitrogen-Doped Carbon through Dopamine Self-Polymerization and Activity in the Electrocatalytic Methanol Oxidation Reaction. <i>ChemSusChem</i> , 2017 , 10, 976-983	8.3	31
245	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> , 2017 , 41, 14342-14350	3.6	31
244	Construction of Heterogenous S-C-S MoS ₂ /SnS ₂ /r-GO Heterojunction for Efficient CO Photoreduction. <i>Inorganic Chemistry</i> , 2019 , 58, 15590-15601	5.1	31

243	Selective Adsorption of Co(II) by Mesoporous Silica SBA-15-Supported Surface Ion Imprinted Polymer: Kinetics, Isotherms, and Thermodynamics Studies. <i>Chinese Journal of Chemistry</i> , 2011 , 29, 387-398	4.9	31
242	Waste Biomass Based-Activated Carbons Derived from Soybean Pods as Electrode Materials for High-Performance Supercapacitors. <i>ChemistrySelect</i> , 2018 , 3, 5726-5732	1.8	30
241	A hierarchical porous bowl-like PLA@MSNs-COOH composite for pH-dominated long-term controlled release of doxorubicin and integrated nanoparticle for potential second treatment. <i>Biomacromolecules</i> , 2015 , 16, 1131-45	6.9	29
240	Heteropolyacid-chitosan/TiO ₂ composites for the degradation of tetracycline hydrochloride solution. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014 , 111, 347-360	1.6	29
239	Preparation and photodegradation properties of transition metal ion-poly-o-phenylenediamine/TiO ₂ /fly-ash cenospheres by ion imprinting technology. <i>RSC Advances</i> , 2013 , 3, 14807	3.7	29
238	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> , 2020 , 8, 739-748	8.3	29
237	One-pot synthesis of HMF from carbohydrates over acid-base bi-functional carbonaceous catalyst supported on halloysite nanotubes. <i>Cellulose</i> , 2020 , 27, 3037-3054	5.5	28
236	Z-scheme MoS ₂ /Bi ₂ O ₃ heterojunctions: enhanced photocatalytic degradation performance and mechanistic insight. <i>New Journal of Chemistry</i> , 2019 , 43, 11876-11886	3.6	28
235	Molecularly imprinted polymer nanospheres based on Mn-doped ZnS QDs via precipitation polymerization for room-temperature phosphorescence probing of 2,6-dichlorophenol. <i>RSC Advances</i> , 2015 , 5, 19799-19806	3.7	28
234	A surface-imprinted polymer for removing dibenzothiophene from gasoline. <i>Mikrochimica Acta</i> , 2010 , 171, 441-449	5.8	28
233	Engineered nanoparticles disguised as macrophages for trapping lipopolysaccharide and preventing endotoxemia. <i>Biomaterials</i> , 2019 , 189, 60-68	15.6	28
232	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> , 2017 , 501, 86-93	9.3	27
231	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> , 2020 , 578, 574-583	9.3	27
230	Hierarchical porous carbon materials derived from a waste paper towel with ultrafast and ultrahigh performance for adsorption of tetracycline. <i>RSC Advances</i> , 2016 , 6, 72985-72998	3.7	27
229	Synthesis of thermal-responsive photocatalysts by surface molecular imprinting for selective degradation of tetracycline. <i>RSC Advances</i> , 2013 , 3, 26334	3.7	27
228	Bioinspired Synthesis of Janus Nanocomposite-Incorporated Molecularly Imprinted Membranes for Selective Adsorption and Separation Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9104-9112	8.3	27
227	Specific recognition and fluorescent determination of aspirin by using core-shell CdTe quantum dot-imprinted polymers. <i>Mikrochimica Acta</i> , 2015 , 182, 1527-1534	5.8	26
226	Enhanced photocatalytic performance and stability of visible-light-driven Z-scheme CdS/Ag/g-C ₃ N ₄ nanosheets photocatalyst. <i>New Journal of Chemistry</i> , 2018 , 42, 12437-12448	3.6	26

225	Selective photodegradation of 2-mercaptobenzothiazole by a novel imprinted CoFe ₂ O ₄ /MWCNTs photocatalyst. <i>RSC Advances</i> , 2015 , 5, 47820-47829	3.7	26
224	Silica nanoparticles doped with a europium(III) complex and coated with an ion imprinted polymer for rapid determination of copper(II). <i>Mikrochimica Acta</i> , 2015 , 182, 753-761	5.8	26
223	A novel molecularly imprinted polymer thin film at surface of ZnO nanorods for selective fluorescence detection of para-nitrophenol. <i>RSC Advances</i> , 2015 , 5, 44088-44095	3.7	25
222	Thermal-responsive ion-imprinted polymer based on magnetic mesoporous silica SBA-15 for selective removal of Sr(II) from aqueous solution. <i>Colloid and Polymer Science</i> , 2015 , 293, 109-123	2.4	25
221	Synthesis and evaluation of macroporous polymerized solid acid derived from Pickering HIPes for catalyzing cellulose into 5-hydroxymethylfurfural in an ionic liquid. <i>RSC Advances</i> , 2014 , 4, 43029-43038	3.7	25
220	A Ce ³⁺ -imprinted functionalized potassium tetratitanate whisker sorbent prepared by surface molecularly imprinting technique for selective separation and determination of Ce ³⁺ . <i>Mikrochimica Acta</i> , 2010 , 169, 289-296	5.8	25
219	Hierarchically Macro-/Mesoporous Polymer Foam as an Enhanced and Recyclable Catalyst System for the Sustainable Synthesis of 5-Hydroxymethylfurfural from Renewable Carbohydrates. <i>ChemPlusChem</i> , 2016 , 81, 108-118	2.8	25
218	Preparation of diethylenetriamine-modified magnetic chitosan nanoparticles for adsorption of rare-earth metal ions. <i>New Journal of Chemistry</i> , 2017 , 41, 7739-7750	3.6	24
217	Measurement and correlation of phase diagram data for acetone and sulfate aqueous two-phase systems at different temperatures. <i>Thermochimica Acta</i> , 2013 , 568, 209-217	2.9	24
216	Fabrication and evaluation of temperature responsive molecularly imprinted sorbents based on surface of yeast via surface-initiated AGET ATRP. <i>Applied Surface Science</i> , 2013 , 287, 211-217	6.7	24
215	Fouling Resistant CA/PVA/TiO ₂ Imprinted Membranes for Selective Recognition and Separation Salicylic Acid from Waste Water. <i>Frontiers in Chemistry</i> , 2017 , 5, 2	5	24
214	Core-shell molecularly imprinted polymers based on magnetic chitosan microspheres for chloramphenicol selective adsorption. <i>Monatshefte für Chemie</i> , 2015 , 146, 465-474	1.4	24
213	Preparation and evaluation of a novel surface-imprinted polymer for selective adsorption of dibenzothiophene. <i>Mikrochimica Acta</i> , 2011 , 175, 167-175	5.8	24
212	Fabrication of lithium ion imprinted hybrid membranes with antifouling performance for selective recovery of lithium. <i>New Journal of Chemistry</i> , 2018 , 42, 118-128	3.6	24
211	Selective adsorption and separation of gadolinium with three-dimensionally interconnected macroporous imprinted chitosan films. <i>Cellulose</i> , 2017 , 24, 977-988	5.5	23
210	Antifouling molecularly imprinted membranes for pretreatment of milk samples: Selective separation and detection of lincomycin. <i>Food Chemistry</i> , 2020 , 333, 127477	8.5	23
209	Hydrothermal synthesis and enhanced visible-light photocatalytic activity of octahedral Bi ₂ WO ₆ modified with CdSe quantum dots. <i>RSC Advances</i> , 2014 , 4, 18264	3.7	23
208	Versatile Method To Obtain Homogeneous Imprinted Polymer Thin Film at Surface of Superparamagnetic Nanoparticles for Tetracycline Binding. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 7157-7166	3.9	23

207	Phase Diagrams for Aqueous Two-Phase Systems Containing the 1-Ethyl-3-methylimidazolium Tetrafluoroborate/1-Propyl-3-methylimidazolium Tetrafluoroborate and Trisodium Phosphate/Sodium Sulfite/Sodium Dihydrogen Phosphate at 298.15 K: Experiment and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 3577-3584	2.8	23
206	Rationally constructing of a novel 2D/2D WO ₃ /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> , 2021 , 586, 576-587	9.3	23
205	Combination of Brønsted and Lewis Polymeric Catalysts for Efficient Conversion of Cellulose into 5-Hydroxymethylfurfural (HMF) in Ionic Liquids. <i>Energy Technology</i> , 2016 , 4, 600-609	3.5	22
204	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> , 2014 , 4, 23797-23806	3.7	21
203	Surface effects on the optical and photocatalytic properties of graphene-like ZnO:Eu ³⁺ nanosheets. <i>Journal of Applied Physics</i> , 2013 , 113, 033514	2.5	21
202	Synthesis and applications of Ce(III)-imprinted polymer based on attapulgite as the sacrificial support material for selective separation of cerium(III) ions. <i>Mikrochimica Acta</i> , 2010 , 171, 151-160	5.8	21
201	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> , 2021 , 584, 464-473	9.3	21
200	A polydopamine-based molecularly imprinted polymer on nanoparticles of type SiO ₂ @rGO@Ag for the detection of Erythrothrin via SERS. <i>Mikrochimica Acta</i> , 2018 , 185, 193	5.8	20
199	A new molecularly imprinted polymer prepared by surface imprinting technique for selective adsorption towards kaempferol. <i>Polymer Bulletin</i> , 2012 , 68, 1039-1052	2.4	20
198	Facile synthesis of degradable CA/CS imprinted membrane by hydrolysis polymerization for effective separation and recovery of Li. <i>Carbohydrate Polymers</i> , 2019 , 205, 492-499	10.3	20
197	Boric acid functionalized ratiometric fluorescence probe for sensitive and on-site naked eye determination of dopamine based on two different kinds of quantum dots. <i>RSC Advances</i> , 2016 , 6, 72715-72721	3.7	19
196	Designed preparation of 3D hierarchically porous carbon material via solvothermal route and in situ activation for ultrahigh-efficiency dye removal: adsorption isotherm, kinetics and thermodynamics characteristics. <i>RSC Advances</i> , 2016 , 6, 3446-3457	3.7	19
195	Construction of vesicle CdSe nano-semiconductors photocatalysts with improved photocatalytic activity: Enhanced photo induced carriers separation efficiency and mechanism insight. <i>Journal of Environmental Sciences</i> , 2017 , 60, 98-107	6.4	18
194	Facile preparation of halloysite nanotube-modified polyvinylidene fluoride composite membranes for highly efficient oil/water emulsion separation. <i>Journal of Materials Science</i> , 2019 , 54, 8332-8345	4.3	18
193	Direct Conversion of C6 Monosaccharide-Based Carbohydrates to 5-Hydroxymethylfurfural by the Combination of Sulfated Zirconia and Ceria Catalysts. <i>Energy Technology</i> , 2018 , 6, 1941-1950	3.5	18
192	Preparation and Characterization of Chitosan/Kaolin/Fe ₃ O ₄ Magnetic Microspheres and Their Application for the Removal of Ciprofloxacin. <i>Adsorption Science and Technology</i> , 2014 , 32, 775-790	3.6	18
191	Highly selective, regenerated ion-sieve microfiltration porous membrane for targeted separation of Li ⁺ . <i>Journal of Porous Materials</i> , 2016 , 23, 1411-1419	2.4	18
190	Enhanced selective photocatalytic properties of a novel magnetic retrievable imprinted ZnFe ₂ O ₄ /PPy composite with specific recognition ability. <i>RSC Advances</i> , 2016 , 6, 51877-51887	3.7	18

189	Anneal-shrunked CuO dendrites grown on porous Cu foam as a robust interface for high-performance nonenzymatic glucose sensing. <i>Talanta</i> , 2016 , 161, 615-622	6.2	18
188	Effect of metal ion (Zn ²⁺ , Bi ³⁺ , Cr ³⁺ , and Ni ²⁺)-doped CdS/halloysite nanotubes (HNTs) photocatalyst for the degradation of tetracycline under visible light. <i>Desalination and Water Treatment</i> , 2015 , 53, 794-805		17
187	Surface molecular imprinted polymers based on Mn-doped ZnS quantum dots by atom transfer radical polymerization for a room-temperature phosphorescence probe of bifenthrin. <i>Analytical Methods</i> , 2017 , 9, 4609-4615	3.2	17
186	Ionic liquid/Ammonium Sulfate Aqueous Two-phase System Coupled with HPLC Extraction of Sulfadimidine in Real Environmental Water Samples. <i>Chromatographia</i> , 2011 , 74, 407-413	2.1	17
185	Oxodiperoxo tungsten complex-catalyzed synthesis of adipic acid with hydrogen peroxide. <i>Reaction Kinetics and Catalysis Letters</i> , 2007 , 92, 319-327		17
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182	Photocatalytic removal using g-CN quantum dots/BiTiO composites. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 213, 19-27	4.4	16
181	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> , 2018 , 42, 6515-6524	3.6	16
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179	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> , 2019 , 219, 225-231	4.4	15
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50	Water-Mediated Selective Synthesis of Pyrazolo[1,5-a]quinazolin-5(4H)-ones and [1,2,4]Triazolo[1,5-a]quinazolin-5(4H)-one via Copper-Catalyzed Cascade Reactions. <i>Synthetic Communications</i> , 2015 , 45, 2426-2435	1.7	3
49	Selective separation of bifenthrin by pH-sensitive/magnetic molecularly imprinted polymers prepared by pickering emulsion polymerization. <i>Fibers and Polymers</i> , 2016 , 17, 1531-1539	2	3
48	Thermosensitive/magnetic molecularly imprinted polymers prepared by Pickering emulsion polymerization for selective separation of bifenthrin. <i>Desalination and Water Treatment</i> , 2016 , 57, 18927-18938		3
47	Luminescence functionalization of porous silica nanospheres by YVO ₄ :Eu ³⁺ for the efficient recognition of Ecyhalothrin in aqueous media. <i>Analytical Methods</i> , 2014 , 6, 915-923	3.2	3
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44	Fabrication of submicrosized imprinted spheres attached polypropylene membrane using two-dimensional molecular imprinting method for targeted separation. <i>Adsorption Science and Technology</i> , 2017 , 35, 162-177	3.6	3
43	Magnetic Molecularly Imprinted Polymer Beads Obtained by Suspension Polymerization for the Adsorption of 2,4,6-Trichlorophenol from an Aqueous Solution in a Fixed-Bed Column. <i>Adsorption Science and Technology</i> , 2015 , 33, 321-336	3.6	3
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41	Preparation, Characterization and Performance of a Novel Surface-Imprinting Polymer for the Adsorption of Dibenzothiophene. <i>Adsorption Science and Technology</i> , 2010 , 28, 629-640	3.6	3
40	Designed Redox Ions Pairs imprinted photocatalyst of Fe ³⁺ @PoPD/TiO ₂ /HNTs for enhanced photocatalytic activity. <i>Materials Technology</i> , 2020 , 35, 843-852	2.1	3
39	Vertically/parallelly orientated growth of NiCo ₂ O ₄ nanosheet onto surface of hierarchically N-doped porous carbon for improved supercapacitor. <i>Materials Technology</i> , 2020 , 35, 463-474	2.1	3
38	Fabricating acid-sensitive controlled PAA@Ag/AgCl/CN photocatalyst with reversible photocatalytic activity transformation. <i>Journal of Colloid and Interface Science</i> , 2020 , 580, 753-767	9.3	3
37	Optimal Energy Management Strategy for an Islanded Microgrid with Hybrid Energy Storage. <i>Journal of Electrical Engineering and Technology</i> , 2021 , 16, 1313-1325	1.4	3
36	Fluorescent polydopamine based molecularly imprinted sensor for ultrafast and selective detection of p-nitrophenol in drinking water.. <i>Mikrochimica Acta</i> , 2021 , 189, 25	5.8	3
35	Facile synthesis of imprinted submicroparticles blend polyvinylidene fluoride membranes at ambient temperature for selective adsorption of methyl p-hydroxybenzoate. <i>Korean Journal of Chemical Engineering</i> , 2017 , 34, 600-608	2.8	2
34	The characteristics of active deformation and strain distribution in the eastern Tian Shan. <i>Geological Journal</i> , 2020 , 55, 7227-7238	1.7	2
33	Fabrication of ordered microporous styrene-acrylonitrile copolymer blend imprinted membranes for selective adsorption of phenol from salicylic acid using breath figure method. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	2
32	Hydrothermal Syntheses and Crystal Structures of Three Complexes Constructed with Dipyrido[3,2-a:2',3'-c]phenazine and 2,4?-Biphenyldicarboxylic Acid. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 1477-1484	3.2	2
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30	An ultrasensitive PVDF-based molecularly imprinted fluorescent test strip for the rapid and off-line detection of 4-NP with improved anti-coffee ring effect. <i>Journal of Materials Chemistry C</i> ,	7.1	2
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28	Ag/BiOI/C enhanced photocatalytic activity under visible light irradiation. <i>Journal of Dispersion Science and Technology</i> , 2021 , 42, 1116-1124	1.5	2

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26	Developing a statistical-weighted index of biotic integrity for large-river ecological evaluations. <i>Journal of Environmental Management</i> , 2021 , 277, 111382	7.9	2
25	A hydrophobic polymer stabilized CsPbBr ₃ sensor for environmental pollutant detection. <i>New Journal of Chemistry</i> , 2021 , 45, 930-938	3.6	2
24	3D hierarchical nanoarrays composed of NiCo ₂ S ₄ multilayer nanoneedles modified with Co _{1.29} Ni _{1.71} O ₄ for high-performance hybrid supercapacitors. <i>New Journal of Chemistry</i> ,	3.6	2
23	Hierarchical Porous Nitrogen-Doped Carbon Catalyst by the Pickering HIPE Technique: Synthesis and Application in HMF Production. <i>Energy & Fuels</i> , 2021 , 35, 4191-4202	4.1	2
22	Granular Nanosheets Made of Interconnected NiTe ₂ -CoTe ₂ Nanoparticles on Carbon Fibers for High-Performance Hybrid Supercapacitors. <i>ACS Applied Energy Materials</i> , 2022 , 5, 2817-2825	6.1	2
21	Interior and Surface Synergistic Modifications Modulate the SnNbO/Ni-Doped ZnInS S-Scheme Heterojunction for Efficient Photocatalytic H Evolution.. <i>Inorganic Chemistry</i> , 2022 ,	5.1	2
20	Enhancement of photocatalytic activity on salicylic acid by nonmetal-doped TiO ₂ with solvothermal method. <i>Desalination and Water Treatment</i> , 2015 , 54, 2504-2515		1
19	Synthesis of macroporous polymer foams via pickering high internal phase emulsions for highly efficient 2,4,5-trichlorophenol removal. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	1
18	Accelerating the Design of ECD-PVDF-based Molecularly Imprinted Nanocomposite Membrane for Selective Separation: A Surface Functional Monomer-Directing Strategy. <i>Nano</i> , 2020 , 15, 2050138	1.1	1
17	Synthesis and properties of Bi ₂ WO ₆ /g-C ₃ N ₄ photocatalyst for degradation of chloramphenicol (CAP) under visible light irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 13957-13969 ¹	2.1	1
16	Facile preparation of nanostructured Ni ₂ Fe ₂ O ₄ /CNTs composites with enhanced visible-light-driven photocatalytic activity for tetracycline degradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 20432-20442	2.1	1
15	Surface imprinted core-shell nanorod with ultrathin water-compatible polymer brushes for specific recognition and adsorption of sulfamethazine in water medium. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	1
14	Thermoresponsive and magnetic molecularly imprinted polymers based on iron oxide encapsulated carbon nanotubes as a matrix for the selective adsorption and controlled release of 2,4,5-trichlorophenol. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	1
13	A facile surface modification of a PVDF membrane via CaCO ₃ mineralization for efficient oil/water emulsion separation. <i>New Journal of Chemistry</i> , 2020 , 44, 20999-21006	3.6	1
12	Enhanced Selectivity for Oriented Catalyzing Tetracycline by the Functional Inorganic Imprinted ZnFe ₂ O ₄ @Ag ₃ PO ₄ /SiO ₂ Photocatalyst with Excellent Stability. <i>Nano</i> , 2019 , 14, 1950004	1.1	1
11	Optical Recognition of Sulfamethoxazole by a Colored Chiral Nematic Imprinted Film. <i>Analytical Sciences</i> , 2020 , 36, 221-226	1.7	1
10	HYDROTHERMAL SYNTHESIS AND ENHANCED VISIBLE-LIGHT PHOTOCATALYTIC ACTIVITY OF CdS QUANTUM DOTS SENSITIZED CARBON NANOTUBES (CNTs) NANOCOMPOSITE. <i>Nano</i> , 2014 , 09, 1450017 ¹	1.1	0

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8	Selective Oxidation of 5-Hydroxymethylfurfural to 2,5-Furandicarboxylic Acid over MnO _x -CeO ₂ Supported Palladium Nanocatalyst under Aqueous Conditions. <i>ChemistrySelect</i> , 2020 , 5, 10156-10162	1.8	0
7	A novel Co(OH) ₂ /Cu ₂ O nanocomposite-activated peroxydisulfate for the enhanced degradation of tetracycline. <i>New Journal of Chemistry</i> , 2021 , 45, 16705-16713	3.6	0
6	High luminance phosphorescent organic light emitting diodes based on Re(III) complex. <i>Russian Journal of Physical Chemistry A</i> , 2016 , 90, 2076-2079	0.7	
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4	The improved efficiency of low molecular weight organic solar cells doped with a Cu(I) triplet material. <i>Russian Journal of Physical Chemistry A</i> , 2016 , 90, 1693-1697	0.7	
3	Convenient synthesis of uncovered imprinted microspheres by spore-stabilized pickering emulsion polymerization and their enhanced recognition of spiramycin.. <i>RSC Advances</i> , 2019 , 9, 34772-34783	3.7	
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1	A temperature-sensitive modified imprinted Ag-Poly (o-phenylenediamine) photocatalyst synthesized by microwave method for efficient degradation of ciprofloxacin. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 1	1.6	