

Yan Liu

List of Publications by Year in descending order

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34
papers

1,397
citations

304743

22
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

1708
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective adsorption behavior of Pb(II) by mesoporous silica SBA-15-supported Pb(II)-imprinted polymer based on surface molecularly imprinting technique. <i>Journal of Hazardous Materials</i> , 2011, 186, 197-205.	12.4	246
2	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.	10.3	94
3	Preparation of ion-imprinted mesoporous silica SBA-15 functionalized with triglycine for selective adsorption of Co(II). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 693-703.	4.7	78
4	Construction of TiO ₂ hollow nanosphere/g-C ₃ N ₄ composites with superior visible-light photocatalytic activity and mechanism insight. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 41, 130-140.	5.8	66
5	Highly efficient adsorption of salicylic acid from aqueous solution by wollastonite-based imprinted adsorbent: A fixed-bed column study. <i>Chemical Engineering Journal</i> , 2013, 225, 331-339.	12.7	58
6	Facile in-situ Solvothermal Method to synthesize double shell ZnIn ₂ S ₄ nanosheets/TiO ₂ hollow nanosphere with enhanced photocatalytic activities. <i>Ceramics International</i> , 2018, 44, 6115-6126.	4.8	58
7	Fabricating carbon quantum dots doped ZnIn ₂ S ₄ nanoflower composites with broad spectrum and enhanced photocatalytic Tetracycline hydrochloride degradation. <i>Materials Research Bulletin</i> , 2018, 97, 158-168.	5.2	58
8	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, 134-143.	12.4	56
9	Facile synthesis of novel photoresponsive mesoporous molecularly imprinted polymers for photo-regulated selective separation of bisphenol A. <i>Chemical Engineering Journal</i> , 2016, 296, 437-446.	12.7	54
10	Ta ₃ N ₅ nanoparticles/TiO ₂ hollow sphere (0D/3D) heterojunction: facile synthesis and enhanced photocatalytic activities of levofloxacin degradation and H ₂ evolution. <i>Dalton Transactions</i> , 2018, 47, 13113-13125.	3.3	48
11	A novel 3D/2D CdIn ₂ S ₄ nano-octahedron/ZnO nanosheet heterostructure: facile synthesis, synergistic effect and enhanced tetracycline hydrochloride photodegradation mechanism. <i>Dalton Transactions</i> , 2018, 47, 8724-8737.	3.3	47
12	Speciation, adsorption and determination of chromium(III) and chromium(VI) on a mesoporous surface imprinted polymer adsorbent by combining inductively coupled plasma atomic emission spectrometry and UV spectrophotometry. <i>Journal of Separation Science</i> , 2013, 36, 3949-3957.	2.5	46
13	A novel dual temperature responsive mesoporous imprinted polymer for Cd(II) adsorption and temperature switchable controlled separation and regeneration. <i>Chemical Engineering Journal</i> , 2017, 328, 11-24.	12.7	44
14	RAFT-mediated microemulsion polymerization to synthesize a novel high-performance graphene oxide-based cadmium imprinted polymer. <i>Chemical Engineering Journal</i> , 2016, 302, 609-618.	12.7	39
15	Selective Ce(III) ion-imprinted polymer grafted on Fe ₃ O ₄ nanoparticles supported by SBA-15 mesopores microreactor via surface-initiated RAFT polymerization. <i>Microporous and Mesoporous Materials</i> , 2016, 234, 176-185.	4.4	38
16	A Novel Electrochemical Sensor Based on Graphene Oxide Decorated with Silver Nanoparticles- Molecular Imprinted Polymers for Determination of Sunset Yellow in Soft Drinks. <i>Food Analytical Methods</i> , 2017, 10, 2293-2301.	2.6	37
17	Novel CdIn ₂ S ₄ nano-octahedra/TiO ₂ hollow hybrid heterostructure: In-situ synthesis, synergistic effect and enhanced dual-functional photocatalytic activities. <i>Ceramics International</i> , 2019, 45, 15942-15953.	4.8	34
18	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	33

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19	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.	2.1	31
20	Visible-light-driven double-shell SnIn ₄ S ₈ /TiO ₂ heterostructure with enhanced photocatalytic activity for MO removal and Cr(VI) cleanup. <i>Applied Surface Science</i> , 2022, 587, 152867.	6.1	31
21	Upper surface imprinted membrane prepared by magnetic guidance phase inversion method for highly efficient and selective separation of Artemisinin. <i>Chemical Engineering Journal</i> , 2021, 405, 126899.	12.7	25
22	Synthesis and application of 8-hydroxyquinoline modified magnetic mesoporous carbon for adsorption of multivariate metal ions from aqueous solutions. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 340-349.	5.8	24
23	Conductive polypyrrole encapsulating Cd _{0.5} Zn _{0.5} S to enhance hydrophilicity and charge separation towards robust photodegradation of tetracycline hydrochloride and photoreduction of Cr(VI). <i>Applied Surface Science</i> , 2022, 580, 152286.	6.1	22
24	Synthesis of novel ion-imprinted polymers by two different RAFT polymerization strategies for the removal of Cs(I) from aqueous solutions. <i>RSC Advances</i> , 2015, 5, 12517-12529.	3.6	18
25	Tailor-made ion-imprinted polymer based on functionalized graphene oxide for the preconcentration and determination of trace copper in food samples. <i>Journal of Separation Science</i> , 2016, 39, 1371-1378.	2.5	18
26	Monodisperse magnetic ion imprinted polymeric microparticles prepared by RAFT polymerization based on Fe ₃ O ₄ @meso-SiO ₂ nanospheres for selective solid-phase extraction of Cu(II) in water samples. <i>RSC Advances</i> , 2015, 5, 52369-52381.	3.6	17
27	A molecularly imprinted polymer placed on the surface of graphene oxide and doped with Mn(II)-doped ZnS quantum dots for selective fluorometric determination of acrylamide. <i>Mikrochimica Acta</i> , 2018, 185, 48.	5.0	16
28	Synthesis, characterization, and adsorption properties of a Ce(III)-imprinted polymer supported by mesoporous SBA-15 matrix by a surface molecular imprinting technique. <i>Canadian Journal of Chemistry</i> , 2014, 92, 257-266.	1.1	14
29	Superior Adsorption Performance of Mesoporous Carbon Nitride for Methylene Blue and the Effect of Investigation of Different Modifications on Adsorption Capacity. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	11
30	Synthesizing a surface-imprinted polymer based on the nanoreactor SBA-15 for optimizing the adsorption of salicylic acid from aqueous solution by response surface methodology. <i>New Journal of Chemistry</i> , 2021, 45, 6192-6205.	2.8	10
31	Novel fluorescent recoverable probe based on carbon quantum dots/polypyrrole composite for the simultaneous determination of chromium(VI) and sulfite. <i>Journal of Molecular Structure</i> , 2022, 1247, 131409.	3.6	8
32	Static and dynamic sorption study of heavy metal ions on amino-functionalized SBA-15. <i>Journal of Dispersion Science and Technology</i> , 2018, 39, 594-604.	2.4	7
33	Preparation of High Stability Graphene Oxide/Zinc Oxide Composite Membrane via Vacuum Filtration for Separation of Methylene Blue from Aqueous Solution. <i>ChemistrySelect</i> , 2020, 5, 10887-10896.	1.5	7
34	Preparation of Stable Hydrophilic Polyethyleneimine Cross-Linked Graphene Oxide/Titanium Dioxide Membranes for Dye Separation. <i>Nano</i> , 2021, 16, 2150008.	1.0	4