

Chunhua Xiong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1770567/publications.pdf>

Version: 2024-02-01

52
papers

1,434
citations

279798

23
h-index

330143

37
g-index

52
all docs

52
docs citations

52
times ranked

1521
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and application of recyclable core-shell structure microspheres MCTS-g-AT in detection of Hg(II) in aquatic products. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1739.	1.4	2
2	Effects of Chitosan Oligosaccharide-Nisin Conjugates Formed by Maillard reaction on the preservation of <i>Collichthys niveatus</i> . <i>Journal of Food Processing and Preservation</i> , 2019, 43, e14116.	2.0	10
3	Effects of chitosan oligosaccharide-nisin conjugates formed by Maillard reaction on the intestinal microbiota of high-fat diet-induced obesity mice model. <i>Food Quality and Safety</i> , 2019, 3, 169-177.	1.8	10
4	Green chemical synthesis of new chelating fiber and its mechanism for recovery gold from aqueous solution. <i>Journal of Hazardous Materials</i> , 2019, 378, 120674.	12.4	25
5	Design, synthesis, and evaluation of amino-terminated oxidization modified peanut shell as adsorbent of microcolumn for Sudan-I detection and efficient recovery. <i>Separation Science and Technology</i> , 2019, 54, 1289-1301.	2.5	0
6	Green chemical method for the synthesis of chromogenic fiber and its application for the detection and extraction of Hg ²⁺ and Cu ²⁺ in environmental medium. <i>Journal of Hazardous Materials</i> , 2019, 364, 339-348.	12.4	26
7	Ruthenium-Catalyzed Ring-Opening Addition of Anilides to 7-Azabenzonorbornadienes: A Diastereoselective Route to Hydronaphthylamines. <i>Journal of Organic Chemistry</i> , 2018, 83, 5598-5608.	3.2	25
8	Synthesis and Characterization of Amino-Terminated Chloration Modified Peanut Shell and Its Application to Preconcentrate and Detect the Concentration of Sunset Yellow in Drink and Jelly Samples. <i>Food Analytical Methods</i> , 2018, 11, 2158-2171.	2.6	1
9	Preparation and characterization of casein-carrageenan conjugates and self-assembled microcapsules for encapsulation of red pigment from paprika. <i>Carbohydrate Polymers</i> , 2018, 196, 322-331.	10.2	52
10	Manganese(III) Acetylacetonate-Mediated Phosphorylation of Enamides at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3492-3496.	4.3	43
11	Heterogeneous amino acid-based tungstophosphoric acids as efficient and recyclable catalysts for selective oxidation of benzyl alcohol. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 1914-1923.	2.7	7
12	Design of a selective regenerable cellulose microcolumn for selenium efficient recovery and economic determination. <i>Chemical Engineering Research and Design</i> , 2017, 117, 773-783.	5.6	13
13	Preparation and characterization of novel organic chelating resin and its application in recovery of Zn(II) from aqueous solutions. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3546.	3.5	14
14	One-pot synthesis of fluorescent 2,4-dialkenylindoles by rhodium-catalyzed dual C-H functionalization. <i>Organic Chemistry Frontiers</i> , 2017, 4, 455-459.	4.5	36
15	Cobalt-Catalyzed Oxidant-Free Spirocyclic Synthesis by Liberation of Hydrogen. <i>Organic Letters</i> , 2017, 19, 4640-4643.	4.6	106
16	Preparation of a novel chloromethylated polystyrene-2-mercapto-1,3,4-thiadiazole chelating resin and its adsorption properties and mechanism for separation and recovery of Hg(II) from aqueous solutions. <i>Water Science and Technology</i> , 2017, 76, 1915-1924.	2.5	7
17	Application and characterization of magnetic chitosan microspheres for enhanced immobilization of cellulase. <i>Biocatalysis and Biotransformation</i> , 2016, 34, 272-282.	2.0	19
18	Synthesis and characterization of a novel chloromethylated polystyrene-g-2-adenine chelating resin and its application to preconcentrate and detect the concentration of mercury ions in edible mushroom samples. <i>Canadian Journal of Chemistry</i> , 2016, 94, 751-758.	1.1	15

#	ARTICLE	IF	CITATIONS
19	Investigation of highly selective regenerative cellulose microcolumn for selenium detection and efficient recovery. <i>Tetrahedron</i> , 2016, 72, 8309-8318.	1.9	8
20	A functionalized cellulose regenerative microcolumn combined with ultraviolet spectrophotometry for economic detection of selenium in purple potato. <i>Analytical Methods</i> , 2016, 8, 8084-8091.	2.7	11
21	Adsorptive removal of Ni(II) from aqueous solution on 110-H resin: optimization through response surface methodology. <i>Desalination and Water Treatment</i> , 2016, 57, 10710-10722.	1.0	3
22	Adsorption behavior of Lanthanum(III) on SQD-85 resin. <i>Desalination and Water Treatment</i> , 2015, 54, 1990-1997.	1.0	2
23	Adsorption of Neodymium(III) on Acrylic Resin (110 Resin) from Aqueous Solutions. <i>Separation Science and Technology</i> , 2015, 50, 564-572.	2.5	9
24	Selective removal of Hg(II) with polyacrylonitrile-2-amino-1,3,4-thiadiazole chelating resin: Batch and column study. <i>Chemical Engineering Journal</i> , 2015, 259, 257-265.	12.7	109
25	Adsorption performance and mechanism for removal of Cd(II) from aqueous solutions by D001 cation-exchange resin. <i>Water Science and Technology</i> , 2014, 69, 833-839.	2.5	8
26	Rhodium(III)-Catalyzed One-Pot Access to Isoquinolines and Heterocycle-Fused Pyridines in Aqueous Medium through C-H Cleavage. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 8110-8118.	2.4	27
27	Preparation of a novel chloromethylated polystyrene-2-amino-1,3,4-thiadiazole chelating resin and its adsorption properties and mechanism for separation and recovery of Pt from aqueous solutions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5379-5386.	10.3	46
28	2-Aminothiazole Functionalized Polystyrene for Selective Removal of Au(III) in Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 2441-2448.	3.7	44
29	Optimization of conditions for Cu(II) adsorption on D151 resin from aqueous solutions using response surface methodology and its mechanism study. <i>Water Science and Technology</i> , 2014, 69, 2446-2451.	2.5	9
30	EVALUATION OF THE ADSORPTION OF COPPER (II) FROM AQUEOUS SOLUTION BY D151 RESIN. <i>Environmental Engineering and Management Journal</i> , 2014, 13, 783-790.	0.6	0
31	Adsorption behavior of Hg ²⁺ in aqueous solutions on a novel chelating cross-linked chitosan microsphere. <i>Carbohydrate Polymers</i> , 2013, 98, 1222-1228.	10.2	39
32	Optimization of Polyacrylonitrile-2-aminothiazole Resin Synthesis, Characterization, and Its Adsorption Performance and Mechanism for Removal of Hg(II) from Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 4978-4986.	3.7	77
33	Optimization of conditions for Cu(II) adsorption on 110 resin from aqueous solutions using response surface methodology and its mechanism study. <i>Desalination and Water Treatment</i> , 2013, 51, 4613-4621.	1.0	8
34	Preparation of a Novel Heterocycle-Containing Polystyrene Chelating Resin and its Application for Hg(II) Adsorption in Aqueous Solutions. <i>Current Organic Chemistry</i> , 2012, 16, 1942-1948.	1.6	17
35	Study on the adsorption of Pb ²⁺ from aqueous solution by D113-III resin. <i>Desalination and Water Treatment</i> , 2012, 41, 62-71.	1.0	8
36	Synthesis, characterization and application of ethylenediamine functionalized chelating resin for copper preconcentration in tea samples. <i>Chemical Engineering Journal</i> , 2012, 203, 115-122.	12.7	44

#	ARTICLE	IF	CITATIONS
37	Adsorption and Desorption of Praseodymium (III) from Aqueous Solution Using D72 Resin. Chinese Journal of Chemical Engineering, 2012, 20, 823-830.	3.5	27
38	Theoretical studies on the dehydration reaction of the allicin radical cation in the gas phase. Computational and Theoretical Chemistry, 2011, 972, 75-80.	2.5	1
39	Adsorption behavior of ytterbium (III) on gel-type weak acid resin. Journal of Rare Earths, 2011, 29, 407-412.	4.8	16
40	Enhanced adsorption behavior of Nd(III) onto D113-III resin from aqueous solution. Journal of Rare Earths, 2011, 29, 979-985.	4.8	32
41	Adsorption behavior of Pd(II) from aqueous solutions by D201 resin. Rare Metals, 2011, 30, 470-476.	7.1	7
42	Evaluation of D113 cation exchange resin for the removal of Eu(III) from aqueous solution. Journal of Rare Earths, 2010, 28, 862-867.	4.8	35
43	Sorption Behavior of In(III) Ions onto Cation-Exchange Carboxylic Resin in Aqueous Solutions: Batch and Column Studies. Separation Science and Technology, 2010, 45, 2368-2375.	2.5	12
44	Adsorption of erbium(III) on D113-III resin from aqueous solutions: batch and column studies. Journal of Rare Earths, 2009, 27, 923-931.	4.8	39
45	Adsorption behavior of Cd(II) from aqueous solutions onto gel-type weak acid resin. Hydrometallurgy, 2009, 98, 318-324.	4.3	55
46	Preparation and application of acrylic acid grafted polytetrafluoroethylene fiber as a weak acid cation exchanger for adsorption of Er(III). Journal of Hazardous Materials, 2009, 170, 1125-1132.	12.4	63
47	Synthesis, characterization and application of triethylenetetramine modified polystyrene resin in removal of mercury, cadmium and lead from aqueous solutions. Chemical Engineering Journal, 2009, 155, 844-850.	12.7	96
48	Study on sorption of D155 resin for gadolinium. Journal of Rare Earths, 2008, 26, 258-263.	4.8	7
49	Effect of pH on sorption for RE(III) and sorption behaviors of Sm(III) by D152 resin. Journal of Rare Earths, 2008, 26, 851-856.	4.8	41
50	Adsorption of rhenium(VII) on 4-amino-1,2,4-triazole resin. Hydrometallurgy, 2008, 90, 221-226.	4.3	80
51	Sorption behavior of iminodiacetic acid resin for indium. Rare Metals, 2008, 27, 153-157.	7.1	10
52	Sorption behaviour and mechanism of ytterbium(III) on imino-diacetic acid resin. Hydrometallurgy, 2006, 82, 190-194.	4.3	33