Fu-Qiang An

List of Publications by Year
in descending order

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Version: 2024-02-01

36 papers	1,067 citations	394421 19 h-index	395702 33 g-index
36 all docs	36 docs citations	36 times ranked	1208 citing authors

#	Article	IF	Citations
1	Effective adsorption of AuCl₄^{â˜’} by functionalized D301 resin: kinetics, isotherms and selectivity. Journal of Dispersion Science and Technology, 2020, 41, 1274-1282.	2.4	3
2	Novel ionic surface imprinting technology: design and application for selectively recognizing heavy metal ions. RSC Advances, 2019, 9, 2431-2440.	3.6	21
3	Selective adsorption and removal ability of pine needle-based activated carbon towards Al(III) from La(III). Journal of Dispersion Science and Technology, 2019, 40, 186-191.	2.4	16
4	Efficiently removing phenols from aqueous solution using amino acid functionalized D301 resins. Separation Science and Technology, 2019, 54, 2361-2373.	2.5	2
5	Preparation of Surface Imprinted Polymer D301â€gâ€IPDMC and its Recognition Selectivity Performance towards AuCl₄^{â˜’}. Bulletin of the Korean Chemical Society, 2018, 39, 58-64.	1.9	0
6	Design and application of thiourea modified D301 resin for the effective removal of toxic heavy metal ions. Chemical Engineering Research and Design, 2018, 130, 78-86.	5.6	32
7	High selectivity and removal efficiency of lotus root-based activated carbon towards Fe(III) in La(III) solution. Korean Journal of Chemical Engineering, 2018, 35, 757-763.	2.7	3
8	Recognition performance and mechanism of the activated carbon based UF resin towards traces of Fe(III) in rare earth solutions. Journal of Environmental Chemical Engineering, 2017, 5, 1638-1644.	6.7	3
9	Effective recovery of AuCl4â˜’ using D301 resin functionalized with ethylenediamine and thiourea. Hydrometallurgy, 2017, 169, 356-361.	4.3	20
10	Adsorption of heavy metal ions by iminodiacetic acid functionalized D301 resin: Kinetics, isotherms and thermodynamics. Reactive and Functional Polymers, 2017, 118, 42-50.	4.1	74
11	Selective adsorption of AuCl 4 â˜’ on chemically modified D301 resin with containing N/S functional polymer. Journal of Environmental Chemical Engineering, 2017, 5, 10-15.	6.7	23
12	Effective removal of anilines using porous activated carbon based on ureaformaldehyde resin. Korean Journal of Chemical Engineering, 2016, 33, 576-581.	2.7	5
13	Synthesis of high-performance nitrogen-containing porous carbon and adsorption properties towards metal ions. Desalination and Water Treatment, 2015, , 1-8.	1.0	0
14	Selective detection of TNT using molecularly imprinted polymer microsphere. Desalination and Water Treatment, 2015, 55, 278-283.	1.0	4
15	Effective adsorption of phenols using nitrogen-containing porous activated carbon prepared from sunflower plates. Korean Journal of Chemical Engineering, 2015, 32, 1564-1569.	2.7	19
16	Adsorption and recognition characteristics of surface molecularly imprinted polymethacrylic acid/silica toward genistein. Journal of Chromatography A, 2014, 1359, 26-34.	3.7	19
17	Effective removal of Fe(II) impurity from rare earth solution using surface imprinted polymer. Chemical Engineering Research and Design, 2013, 91, 2759-2764.	5.6	20
18	Selectively removal of Al(III) from Pr(III) and Nd(III) rare earth solution using surface imprinted polymer. Reactive and Functional Polymers, 2013, 73, 60-65.	4.1	27

#	Article	IF	Citations
19	Removal of Fe(II) from Ce(III) and Pr(III) rare earth solution using surface imprinted polymer. Desalination and Water Treatment, 2013, 51, 5566-5573.	1.0	6
20	Preparation of iminodiacetic acidâ€type composite chelating material IDAAâ€PGMA/SiO₂ and preliminary studies on adsorption behavior of heavy metal ions and rare earth ions. Journal of Applied Polymer Science, 2012, 125, 2529-2538.	2.6	11
21	Adsorption of phenolic compounds from aqueous solution using salicylic acid type adsorbent. Journal of Hazardous Materials, 2012, 201-202, 74-81.	12.4	45
22	Efficient removal of heavy metal ions from aqueous solution using salicylic acid type chelate adsorbent. Journal of Hazardous Materials, 2011, 192, 956-962.	12.4	98
23	Preparation and phenol-recognizing ability of a poly(methacrylic acid) molecular imprint on the surface of a silica gel. Mikrochimica Acta, 2011, 172, 89-94.	5.0	14
24	Preparation of Iminoacetic Acid-type Composite Chelating Material IAA-PEI/SiO₂and Preliminary Studies on Chelating Adsorption Property towards Heavy Metal Ions. Journal of Macromolecular Science - Pure and Applied Chemistry, 2011, 48, 823-831.	2.2	6
25	Adsorption property and mechanism of composite adsorbent PMAA/SiO2 for aniline. Journal of Hazardous Materials, 2010, 178, 499-504.	12.4	49
26	Adsorption and recognition properties of ionic imprinted polyamine IIPâ€PEI/SiO₂ towards Pb²⁺ ion. Journal of Applied Polymer Science, 2009, 112, 2241-2246.	2.6	13
27	Adsorption performance and mechanism of 2,4,6-trinitrotoluene on a novel adsorption material polyvinylbenzyl acid/SiO2. Applied Surface Science, 2009, 255, 5031-5035.	6.1	22
28	Adsorption of 2,4,6-trinitrotoluene on a novel adsorption material PEI/SiO2. Journal of Hazardous Materials, 2009, 166, 757-761.	12.4	27
29	Adsorption mechanism and property of a novel adsorption material PAM/SiO2 towards 2,4,6-trinitrotoluene. Journal of Hazardous Materials, 2009, 168, 352-357.	12.4	29
30	Adsorption mechanism and property of novel composite material PMAA/SiO2 towards phenol. Chemical Engineering Journal, 2009, 153, 108-113.	12.7	29
31	Adsorption characteristics of Cr(III) ionic imprinting polyamine on silica gel surface. Desalination, 2009, 249, 1390-1396.	8.2	54
32	Adsorption of phenol on a novel adsorption material PEI/SiO2. Journal of Hazardous Materials, 2008, 152, 1186-1191.	12.4	40
33	Adsorption and recognizing ability of molecular imprinted polymer MIP-PEI/SiO2 towards phenol. Journal of Hazardous Materials, 2008, 157, 286-292.	12.4	82
34	Chelating adsorption properties of PEI/SiO2 for plumbum ion. Journal of Hazardous Materials, 2007, 145, 495-500.	12.4	58
35	Novel surface ionic imprinting materials prepared via couple grafting ofÂpolymer and ionic imprinting on surfaces of silica gel particles. Polymer, 2007, 48, 2288-2297.	3.8	82
36	Studies on chelating adsorption properties of novel composite material polyethyleneimine/silica gel for heavy-metal ions. Applied Surface Science, 2006, 253, 1946-1952.	6.1	111