

Fu-Qiang An

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2975576/publications.pdf>

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	Studies on chelating adsorption properties of novel composite material polyethyleneimine/silica gel for heavy-metal ions. <i>Applied Surface Science</i> , 2006, 253, 1946-1952.	6.1	111
2	Efficient removal of heavy metal ions from aqueous solution using salicylic acid type chelate adsorbent. <i>Journal of Hazardous Materials</i> , 2011, 192, 956-962.	12.4	98
3	Novel surface ionic imprinting materials prepared via couple grafting of polymer and ionic imprinting on surfaces of silica gel particles. <i>Polymer</i> , 2007, 48, 2288-2297.	3.8	82
4	Adsorption and recognizing ability of molecular imprinted polymer MIP-PEI/SiO ₂ towards phenol. <i>Journal of Hazardous Materials</i> , 2008, 157, 286-292.	12.4	82
5	Adsorption of heavy metal ions by iminodiacetic acid functionalized D301 resin: Kinetics, isotherms and thermodynamics. <i>Reactive and Functional Polymers</i> , 2017, 118, 42-50.	4.1	74
6	Chelating adsorption properties of PEI/SiO ₂ for plumbum ion. <i>Journal of Hazardous Materials</i> , 2007, 145, 495-500.	12.4	58
7	Adsorption characteristics of Cr(III) ionic imprinting polyamine on silica gel surface. <i>Desalination</i> , 2009, 249, 1390-1396.	8.2	54
8	Adsorption property and mechanism of composite adsorbent PMAA/SiO ₂ for aniline. <i>Journal of Hazardous Materials</i> , 2010, 178, 499-504.	12.4	49
9	Adsorption of phenolic compounds from aqueous solution using salicylic acid type adsorbent. <i>Journal of Hazardous Materials</i> , 2012, 201-202, 74-81.	12.4	45
10	Adsorption of phenol on a novel adsorption material PEI/SiO ₂ . <i>Journal of Hazardous Materials</i> , 2008, 152, 1186-1191.	12.4	40
11	Design and application of thiourea modified D301 resin for the effective removal of toxic heavy metal ions. <i>Chemical Engineering Research and Design</i> , 2018, 130, 78-86.	5.6	32
12	Adsorption mechanism and property of a novel adsorption material PAM/SiO ₂ towards 2,4,6-trinitrotoluene. <i>Journal of Hazardous Materials</i> , 2009, 168, 352-357.	12.4	29
13	Adsorption mechanism and property of novel composite material PMAA/SiO ₂ towards phenol. <i>Chemical Engineering Journal</i> , 2009, 153, 108-113.	12.7	29
14	Adsorption of 2,4,6-trinitrotoluene on a novel adsorption material PEI/SiO ₂ . <i>Journal of Hazardous Materials</i> , 2009, 166, 757-761.	12.4	27
15	Selectively removal of Al(III) from Pr(III) and Nd(III) rare earth solution using surface imprinted polymer. <i>Reactive and Functional Polymers</i> , 2013, 73, 60-65.	4.1	27
16	Selective adsorption of AuCl ₄ ⁻ on chemically modified D301 resin with containing N/S functional polymer. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 10-15.	6.7	23
17	Adsorption performance and mechanism of 2,4,6-trinitrotoluene on a novel adsorption material polyvinylbenzyl acid/SiO ₂ . <i>Applied Surface Science</i> , 2009, 255, 5031-5035.	6.1	22
18	Novel ionic surface imprinting technology: design and application for selectively recognizing heavy metal ions. <i>RSC Advances</i> , 2019, 9, 2431-2440.	3.6	21

#	ARTICLE	IF	CITATIONS
19	Effective removal of Fe(II) impurity from rare earth solution using surface imprinted polymer. <i>Chemical Engineering Research and Design</i> , 2013, 91, 2759-2764.	5.6	20
20	Effective recovery of AuCl ₄ ⁻ using D301 resin functionalized with ethylenediamine and thiourea. <i>Hydrometallurgy</i> , 2017, 169, 356-361.	4.3	20
21	Adsorption and recognition characteristics of surface molecularly imprinted polymethacrylic acid/silica toward genistein. <i>Journal of Chromatography A</i> , 2014, 1359, 26-34.	3.7	19
22	Effective adsorption of phenols using nitrogen-containing porous activated carbon prepared from sunflower plates. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 1564-1569.	2.7	19
23	Selective adsorption and removal ability of pine needle-based activated carbon towards Al(III) from La(III). <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 186-191.	2.4	16
24	Preparation and phenol-recognizing ability of a poly(methacrylic acid) molecular imprint on the surface of a silica gel. <i>Mikrochimica Acta</i> , 2011, 172, 89-94.	5.0	14
25	Adsorption and recognition properties of ionic imprinted polyamine IIP@PEI/SiO ₂ towards Pb ²⁺ ion. <i>Journal of Applied Polymer Science</i> , 2009, 112, 2241-2246.	2.6	13
26	Preparation of iminodiacetic acid-type composite chelating material IDAA@PGMA/SiO ₂ and preliminary studies on adsorption behavior of heavy metal ions and rare earth ions. <i>Journal of Applied Polymer Science</i> , 2012, 125, 2529-2538.	2.6	11
27	Preparation of Iminoacetic Acid-type Composite Chelating Material IAA-PEI/SiO ₂ and Preliminary Studies on Chelating Adsorption Property towards Heavy Metal Ions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2011, 48, 823-831.	2.2	6
28	Removal of Fe(II) from Ce(III) and Pr(III) rare earth solution using surface imprinted polymer. <i>Desalination and Water Treatment</i> , 2013, 51, 5566-5573.	1.0	6
29	Effective removal of anilines using porous activated carbon based on ureaformaldehyde resin. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 576-581.	2.7	5
30	Selective detection of TNT using molecularly imprinted polymer microsphere. <i>Desalination and Water Treatment</i> , 2015, 55, 278-283.	1.0	4
31	Recognition performance and mechanism of the activated carbon based UF resin towards traces of Fe(III) in rare earth solutions. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 1638-1644.	6.7	3
32	High selectivity and removal efficiency of lotus root-based activated carbon towards Fe(III) in La(III) solution. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 757-763.	2.7	3
33	Effective adsorption of AuCl ₄ ⁻ by functionalized D301 resin: kinetics, isotherms and selectivity. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 1274-1282.	2.4	3
34	Efficiently removing phenols from aqueous solution using amino acid functionalized D301 resins. <i>Separation Science and Technology</i> , 2019, 54, 2361-2373.	2.5	2
35	Synthesis of high-performance nitrogen-containing porous carbon and adsorption properties towards metal ions. <i>Desalination and Water Treatment</i> , 2015, , 1-8.	1.0	0
36	Preparation of Surface Imprinted Polymer D301@PDMC and its Recognition Selectivity Performance towards AuCl ₄ ⁻ . <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 58-64.	1.9	0