

Hong-Lei Fan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

819
citations

16
h-index

20
g-index

20
ext. papers

962
ext. citations

5.6
avg, IF

4.44
L-index

#	Paper	IF	Citations
20	Removal of heavy metal ions by magnetic chitosan nanoparticles prepared continuously via high-gravity reactive precipitation method. <i>Carbohydrate Polymers</i> , 2017 , 174, 1192-1200	10.3	111
19	Continuous preparation of Fe ₃ O ₄ nanoparticles combined with surface modification by L-cysteine and their application in heavy metal adsorption. <i>Ceramics International</i> , 2016 , 42, 4228-4237	5.1	97
18	Individual and simultaneous electrochemical detection toward heavy metal ions based on L-cysteine modified mesoporous MnFe ₂ O ₄ nanocrystal clusters. <i>Journal of Alloys and Compounds</i> , 2017 , 721, 492-500	5.7	82
17	Highly efficient removal of heavy metal ions by carboxymethyl cellulose-immobilized FeO nanoparticles prepared via high-gravity technology. <i>Carbohydrate Polymers</i> , 2019 , 213, 39-49	10.3	82
16	Fabrication of reduction-degradable micelle based on disulfide-linked graft copolymer-camptothecin conjugate for enhancing solubility and stability of camptothecin. <i>Polymer</i> , 2010 , 51, 5107-5114	3.9	57
15	Enhanced electrochemical performance for sensing Pb(II) based on graphene oxide incorporated mesoporous MnFe ₂ O ₄ nanocomposites. <i>Journal of Alloys and Compounds</i> , 2018 , 747, 447-454	5.7	50
14	Continuous preparation of Fe ₃ O ₄ nanoparticles using impinging stream-rotating packed bed reactor and magnetic property thereof. <i>Journal of Alloys and Compounds</i> , 2016 , 662, 497-504	5.7	42
13	Fabrication and evaluation of reduction-sensitive supramolecular hydrogel based on cyclodextrin/polymer inclusion for injectable drug-carrier application. <i>Soft Matter</i> , 2011 , 7, 7386	3.6	41
12	Electrochemical detection of As(III) through mesoporous MnFe ₂ O ₄ nanocrystal clusters by square wave stripping voltammetry. <i>Electrochimica Acta</i> , 2015 , 174, 1160-1166	6.7	38
11	Mesoporous MnFe ₂ O ₄ nanocrystal clusters for electrochemistry detection of lead by stripping voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 755, 203-209	4.1	37
10	Continuous preparation of Fe ₃ O ₄ nanoparticles through Impinging Stream-Rotating Packed Bed reactor and their electrochemistry detection toward heavy metal ions. <i>Journal of Alloys and Compounds</i> , 2016 , 671, 354-359	5.7	35
9	High-gravity continuous preparation of chitosan-stabilized nanoscale zero-valent iron towards Cr(VI) removal. <i>Chemical Engineering Journal</i> , 2020 , 390, 124639	14.7	32
8	Electrochemical Sensing toward Trace As(III) Based on Mesoporous MnFe ₂ O ₄ /Au Hybrid Nanospheres Modified Glass Carbon Electrode. <i>Sensors</i> , 2016 , 16,	3.8	29
7	Facile synthesis of magnetic fluorescent nanoparticles: adsorption and selective detection of Hg(II) in water. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 2360-2369	7.1	24
6	Nanoscale zero-valent iron modified with carboxymethyl cellulose in an impinging stream-rotating packed bed for the removal of lead(II). <i>Advanced Powder Technology</i> , 2019 , 30, 2251-2261	4.6	21
5	Simultaneous enhancement in strength and elongation of waterborne polyurethane and role of star-like network with lignin core. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 56-63	2.9	20
4	Preparation of CoFe ₂ O ₄ nanoparticles based on high-gravity technology and application for the removal of lead. <i>Chemical Engineering Research and Design</i> , 2019 , 147, 520-528	5.5	10

3	Highly efficient removal of Cr(VI) from water based on graphene oxide incorporated flower-like MoS nanocomposite prepared in situ hydrothermal synthesis. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 13882-13894	5.1	8
2	Effect of Flower-Like and Spherical Nanostructured MoS ₂ on the Adsorption Properties of Cr(VI) Ions. <i>ChemistrySelect</i> , 2020 , 5, 3023-3032	1.8	2
1	Structure and mechanical properties of waterborne polyurethane-based composites filled with self-assembled supramolecular nanoplatelets. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013 , 28, 773-780	1	1