

Hao-Yu Shen

List of Publications by Year in descending order

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28
papers

1,601
citations

394421

19
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

2209
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and properties of ethylenediamine-functionalized Fe ₃ O ₄ magnetic polymers for removal of Cr(VI) in wastewater. <i>Journal of Hazardous Materials</i> , 2010, 182, 295-302.	12.4	217
2	Simultaneous determination of seven phthalates and four parabens in cosmetic products using HPLC-DAD and GC-MS methods. <i>Journal of Separation Science</i> , 2007, 30, 48-54.	2.5	157
3	An intensive study on the magnetic effect of mercapto-functionalized nano-magnetic Fe ₃ O ₄ polymers and their adsorption mechanism for the removal of Hg(II) from aqueous solution. <i>Chemical Engineering Journal</i> , 2012, 210, 564-574.	12.7	149
4	A new insight on the adsorption mechanism of amino-functionalized nano-Fe ₃ O ₄ magnetic polymers in Cu(II), Cr(VI) co-existing water system. <i>Chemical Engineering Journal</i> , 2012, 183, 180-191.	12.7	146
5	Preparation and characterization of amino-functionalized nano-Fe ₃ O ₄ magnetic polymer adsorbents for removal of chromium(VI) ions. <i>Journal of Materials Science</i> , 2010, 45, 5291-5301.	3.7	145
6	Surface mercapto engineered magnetic Fe ₃ O ₄ nanoadsorbent for the removal of mercury from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2012, 365, 204-212.	9.4	116
7	Simultaneous screening and determination eight phthalates in plastic products for food use by sonication-assisted extraction/GC-MS methods. <i>Talanta</i> , 2005, 66, 734-739.	5.5	102
8	Preparation of Fe ₃ O ₄ -C18 nano-magnetic composite materials and their cleanup properties for organophosphorous pesticides. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2227-2237.	3.7	98
9	New Insights into the Sorption and Detoxification of Chromium(VI) by Tetraethylenepentamine Functionalized Nanosized Magnetic Polymer Adsorbents: Mechanism and pH Effect. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 12723-12732.	3.7	66
10	Controlled synthesis of pentachlorophenol-imprinted polymers on the surface of magnetic graphene oxide for highly selective adsorption. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15345-15356.	10.3	52
11	Adsorption of phosphate onto amine functionalized nano-sized magnetic polymer adsorbents: mechanism and magnetic effects. <i>RSC Advances</i> , 2015, 5, 22080-22090.	3.6	43
12	Self-assembly of a surface bisphenol A-imprinted core-shell nanoring amino-functionalized superparamagnetic polymer. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11648.	10.3	40
13	Double-sided magnetic molecularly imprinted polymer modified graphene oxide for highly efficient enrichment and fast detection of trace-level microcystins from large-volume water samples combined with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1422, 1-12.	3.7	40
14	Microfluidic Chip for Multiplex Detection of Trace Chemical Contaminants Based on Magnetic Encoded Aptamer Probes and Multibranch DNA Nanostructures as Signal Tags. <i>ACS Sensors</i> , 2019, 4, 2131-2139.	7.8	34
15	Use of tetraethylenepentamine-functional Fe ₃ O ₄ magnetic polymers for matrix solid phase dispersion extraction and preconcentration of Cr(VI) in water samples at ultratrace levels. <i>Talanta</i> , 2012, 97, 124-130.	5.5	31
16	Controlled synthesis of 2,4,6-trichlorophenol-imprinted amino-functionalized nano-Fe ₃ O ₄ -polymer magnetic composite for highly selective adsorption. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 481, 439-450.	4.7	25
17	<i>In situ</i> controllable synthesis of graphene oxide-based ternary magnetic molecularly imprinted polymer hybrid for efficient enrichment and detection of eight microcystins. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23042-23052.	10.3	25
18	Magnetic stir bars with hyperbranched aptamer as coating for selective, effective headspace extraction of trace polychlorinated biphenyls in soils. <i>Journal of Chromatography A</i> , 2020, 1614, 460715.	3.7	24

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19	Efficient Copper-bisisoquinoline-based Catalysts for Selective Aerobic Oxidation of Alcohols to Aldehydes and Ketones. <i>International Journal of Molecular Sciences</i> , 2007, 8, 505-512.	4.1	23
20	Highly selective amino-functionalized magnetic molecularly imprinted polymers: absorbents for dispersive solid phase extraction and trace level analysis of chlorophenols in seawater. <i>RSC Advances</i> , 2016, 6, 81330-81340.	3.6	19
21	In Vitro Study of DNA Interaction with Melamine and Its Related Compounds. <i>DNA and Cell Biology</i> , 2011, 30, 255-264.	1.9	13
22	Amino-functionalized Nano-size Composite Materials for Dispersive Solid-Phase Extraction of Phosphate in Water Samples. <i>Analytical Sciences</i> , 2012, 28, 887-892.	1.6	9
23	Facile preparation of a tetraethylenepentamine-functionalized nano magnetic composite material and its adsorption mechanism to anions: competition or cooperation. <i>RSC Advances</i> , 2018, 8, 10686-10697.	3.6	9
24	Adsorption Studies on Phosphate by Amino-functionalized Nano-size Composite Materials. <i>Acta Chimica Sinica</i> , 2012, 70, 1839.	1.4	7
25	Design and controllable synthesis of ethylenediamine-grafted ion imprinted magnetic polymers for highly selective adsorption to perchlorate. <i>RSC Advances</i> , 2018, 8, 29928-29938.	3.6	4
26	Determination of Trichlorobenzenes and 2,4,6-Trichlorophenol in Wastewater of Machining by Dispersive Liquid-Liquid Microextraction - Gas Chromatography/Mass Spectrometry. , 2011, , .		1
27	One-pot solvothermal preparation of ethylenediamine-functionalized nanochain and its adsorption-in situ degradation of 2,4,6-trichlorophenol. , 0, 102, 253-263.		1
28	Notice of Retraction: The Adsorption Property Investigation of Tetraethylenepentamine Functionalized Nano-Fe ₃ O ₄ Polymer Adsorbents on Cu(II) from Wastewater. , 2011, , .		0