

Yueping Guan

List of Publications by Year in descending order

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37
papers

1,141
citations

471509

17
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

1568
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Modification and Characterization of Magnetic Polymer Nanospheres Prepared by Miniemulsion Polymerization. <i>Langmuir</i> , 2004, 20, 10278-10282.	3.5	221
2	Preparation and characterization of hydrophobic superparamagnetic magnetite gel. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 306, 248-253.	2.3	184
3	Immobilization of lipase onto micron-size magnetic beads. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 822, 91-97.	2.3	140
4	Synthesis of polyethylenimine modified Fe ₃ O ₄ nanoparticles with immobilized Cu ²⁺ for highly efficient proteins adsorption. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 552-559.	4.7	51
5	Facile synthesis of magnetically retrievable Fe ₃ O ₄ /BiVO ₄ /CdS heterojunction composite for enhanced photocatalytic degradation of tetracycline under visible light. <i>Separation and Purification Technology</i> , 2021, 275, 119157.	7.9	49
6	Nanotubular surface modification of metallic implants via electrochemical anodization technique. <i>International Journal of Nanomedicine</i> , 2014, 9, 4421.	6.7	43
7	Peroxidase-like activity of amino-functionalized magnetic nanoparticles and their applications in immunoassay. <i>Journal of Colloid and Interface Science</i> , 2013, 405, 291-295.	9.4	41
8	A new method of synthesis well-dispersion and dense Fe ₃ O ₄ @SiO ₂ magnetic nanoparticles for DNA extraction. <i>Chemical Physics Letters</i> , 2019, 715, 7-13.	2.6	34
9	Synthesis and protein immobilization of monodisperse magnetic spheres with multifunctional groups. <i>Reactive and Functional Polymers</i> , 2006, 66, 267-273.	4.1	31
10	High-capacity adsorption of hexavalent chromium from aqueous solution using magnetic microspheres by surface dendrimer graft modification. <i>Journal of Colloid and Interface Science</i> , 2012, 375, 160-166.	9.4	28
11	Synthesis of Cibacron Blue F3GA-coupled magnetic PMMA nanospheres and their use for protein affinity separation. <i>Polymer International</i> , 2009, 58, 888-892.	3.1	23
12	Facile fabrication of magnetically recyclable Fe ₃ O ₄ /BiVO ₄ /CuS heterojunction photocatalyst for boosting simultaneous Cr(VI) reduction and methylene blue degradation under visible light. <i>Journal of Alloys and Compounds</i> , 2022, 895, 162631.	5.5	23
13	Surface Functionalization and Characterization of Magnetic Polystyrene Microbeads. <i>Langmuir</i> , 2008, 24, 9006-9010.	3.5	22
14	Rapid extraction of low concentration heavy metal ions by magnetic fluids in high gradient magnetic separator. <i>Separation and Purification Technology</i> , 2011, 82, 185-189.	7.9	22
15	Application of magnetic extractant for the removal of hexavalent chromium from aqueous solution in high gradient magnetic separator. <i>Chemical Engineering Journal</i> , 2012, 183, 339-348.	12.7	21
16	Removal of simulated radioactive cerium (III) based on innovative magnetic trioctylamine-polystyrene composite microspheres. <i>Chemical Physics Letters</i> , 2020, 741, 137092.	2.6	19
17	Removal of low concentration Cr(VI) from aqueous solution by magnetic-fluids fixed bed using the high gradient magnetic separation. <i>Journal of Colloid and Interface Science</i> , 2012, 374, 325-330.	9.4	17
18	Influence of exposed magnetic nanoparticles and their application in chemiluminescence immunoassay. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 335-342.	4.7	15

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19	Colorimetric immunoassay for human chorionic gonadotropin by using peroxidase-mimicking MnO ₂ nanorods immobilized in microplate wells. <i>Mikrochimica Acta</i> , 2019, 186, 581.	5.0	14
20	Preparation of monodisperse magnetic polystyrene microspheres and its surface chemical modification. <i>Journal of Applied Polymer Science</i> , 2011, 120, 3278-3283.	2.6	12
21	Continuous high-efficient degradation of organic pollutants based on sea urchin-like Fe ₃ O ₄ /ZnO/ZnSe heterostructures in photocatalytic magnetically fixed bed reactor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125198.	4.7	12
22	Preparation of thiourea functionalized polyvinyl alcohol-coated magnetic nanoparticles and their application in Pb ²⁺ ions adsorption. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	11
23	A sensitive and rapid immunoassay for mycoplasma pneumonia based on Fe ₃ O ₄ nanoparticles. <i>Materials Letters</i> , 2014, 137, 113-116.	2.6	11
24	Trivalent chromium removal from tannery wastewater with low cost bare magnetic Fe ₃ O ₄ nanoparticles. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 169, 108611.	3.6	11
25	Preparation and characterization of monodisperse superparamagnetic poly(vinyl alcohol) beads by reverse spray suspension crosslinking. <i>Journal of Polymer Science Part A</i> , 2008, 46, 203-210.	2.3	10
26	Immunological detection of hepatocellular carcinoma biomarker GP73 based on dissolved magnetic nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 280-285.	4.7	10
27	Removal of chromium from industrial wastewater by magnetic flocculation treatment: Experimental studies and PSO-BP modelling. <i>Journal of Water Process Engineering</i> , 2022, 47, 102822.	5.6	10
28	Desulfurization with <i>Thiobacillus thiooxidans</i> immobilized on magnetic nanoparticles modified with 3-aminopropyltriethoxysilane. <i>Biotechnology Letters</i> , 2017, 39, 865-871.	2.2	9
29	Effects of Low-Load Boron/Silicon-Based Graphene Oxide on Combustion and Thermal Degradation of Flame-Retardant Unsaturated Polyester Resin. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000454.	3.6	9
30	Recycling and modeling of chromium from sludge produced from magnetic flocculation treatment of chromium-containing wastewater. <i>Chemical Engineering Research and Design</i> , 2022, 157, 20-26.	5.6	9
31	Micron-sized Magnetic Polymer Microspheres for Adsorption and Separation of Cr(VI) from Aqueous Solution. <i>Chinese Journal of Chemical Engineering</i> , 2012, 20, 105-110.	3.5	8
32	Pilot scale experiment of an innovative magnetic bar magnetic separator for chromium removal from tannery wastewater. <i>Chemical Engineering Research and Design</i> , 2021, 149, 575-580.	5.6	7
33	The surface modification of magnetic poly(methyl acrylate) microspheres with dendron and application in Au(III) adsorption. <i>Journal of Applied Polymer Science</i> , 2012, 126, 1956-1964.	2.6	5
34	Modified Fe ₃ O ₄ magnetic nanoparticles for COD removal in oil field produced water and regeneration. <i>Environmental Technology and Innovation</i> , 2021, 23, 101630.	6.1	5
35	An innovative magnetic bar separator for removal of chromium ions in tanning wastewater. <i>Journal of Water Process Engineering</i> , 2021, 40, 101916.	5.6	2
36	Preparation and characterization of magnetic poly(styrene-glycidyl methacrylate) microspheres for highly efficient protein adsorption by two-stage dispersion polymerization. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	1

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37	A new washing-free immunosensor for tumor marker detection based on functionalized Fe ₃ O ₄ submicron particles. <i>Microchemical Journal</i> , 2019, 147, 824-831.	4.5	1