List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2177539/publications.pdf Version: 2024-02-01



YANFENC L

#	Article	IF	CITATIONS
1	Exosomal secretion may be a selfâ€protective mechanism of its source cells under environmental stress: A study on human bronchial epithelial cells treated with hydroquinone. Journal of Applied Toxicology, 2021, 41, 265-275.	2.8	6
2	Indigenous Fish–Based Assessment of Genotoxic Potentials of the Helong Reservoir in Guangzhou, China. Environmental Toxicology and Chemistry, 2021, 40, 1917-1925.	4.3	2
3	Analysis of Immune Landscape Reveals Prognostic Significance of Cytotoxic CD4+ T Cells in the Central Region of pMMR CRC. Frontiers in Oncology, 2021, 11, 724232.	2.8	6
4	Exosomal miRâ€221 derived from hydroquinoneâ€ŧransformed malignant human bronchial epithelial cells is involved in cell viability of recipient cells. Journal of Applied Toxicology, 2020, 40, 224-233.	2.8	12
5	EDTA-functionalized magnetic chitosan oligosaccharide and carboxymethyl cellulose nanocomposite: Synthesis, characterization, and Pb(II) adsorption performance. International Journal of Biological Macromolecules, 2020, 165, 591-600.	7.5	46
6	Polyaniline benefited from poly(vinyl alcohol) in both conductivity and energy storage. Journal of Applied Polymer Science, 2016, 133, .	2.6	1
7	Synthesis and characterization of functional porous organic polymers as efficient metallocene catalyst supports. New Journal of Chemistry, 2016, 40, 8324-8333.	2.8	14
8	Metal oxide as a template in the preparation of porous poly(2-hydroxyethylmethylacrylate-co-divinylbenzene) particles as a metallocene catalyst support. RSC Advances, 2016, 6, 52464-52474.	3.6	12
9	Synthesis and characterization of acid–base polyimides bearing pendant sulfoalkoxy groups for direct methanol fuel cell applications. Journal of Applied Polymer Science, 2015, 132, .	2.6	1
10	Preparation and characterization of quartzâ€fiberâ€clothâ€reinforced, polymerizationâ€ofâ€monomerâ€reactantâ€type polyimide substrates with a high impact strength. Journal of Applied Polymer Science, 2015, 132, .	2.6	6
11	Synthesis of magnetic thermosensitive microcontainers for enzyme immobilization. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	9
12	Organic additives enhance Fenton treatment of nitrobenzene at near-neutral pH. Environmental Science and Pollution Research, 2015, 22, 7082-7092.	5.3	6
13	Influence of solution chemistry on heavy metals removal by bioadsorbent tea waste modified by poly (vinyl alcohol). Desalination and Water Treatment, 2015, 53, 2134-2143.	1.0	7
14	Enhanced chemotherapy efficacy by co-delivery of shABCG2 and doxorubicin with a pH-responsive charge-reversible layered graphene oxide nanocomplex. Journal of Materials Chemistry B, 2015, 3, 6462-6472.	5.8	20
15	Facile synthesis of monodisperse functional magnetic dialdehyde starch nano-composite and used for highly effective recovery of Hg(II). Chemosphere, 2015, 141, 26-33.	8.2	36
16	Enhanced DNA release from disulfide-containing layered nanocomplexes by heparin-electrostatic competition. Journal of Materials Chemistry B, 2015, 3, 225-237.	5.8	7
17	Solution processable octa(aminophenyl)silsesquioxane covalently cross-linked sulfonated polyimides for proton exchange membranes. Journal of Membrane Science, 2015, 476, 364-372.	8.2	44
18	Synthesis and properties of novel UV – curable hyperbranched waterborne polyurethane/Fe ₃ O ₄ nanocomposite films with excellent magnetic properties. RSC Advances, 2015, 5, 4355-4363.	3.6	21

#	Article	IF	CITATIONS
19	Facile self-assembly of magnetite nanoparticles on three-dimensional graphene oxide–chitosan composite for lipase immobilization. Biochemical Engineering Journal, 2015, 98, 75-83.	3.6	58
20	Facile fabrication of polyaniline nanotubes using the self-assembly behavior based on the hydrogen bonding: a mechanistic study and application in high-performance electrochemical supercapacitor electrode. Electrochimica Acta, 2015, 152, 126-134.	5.2	99
21	Enhanced shRNA Delivery and ABCG2 Silencing by Charge-Reversible Layered Nanocarriers. Small, 2015, 11, 952-962.	10.0	32
22	Mandelic acid chiral separation utilizing a two-phase partitioning bioreactor built by polysulfone microspheres and immobilized enzymes. Bioprocess and Biosystems Engineering, 2015, 38, 429-435.	3.4	4
23	Preparation of amine-functionalized mesoporous magnetic colloidal nanocrystal clusters for glucoamylase immobilization. Chemical Engineering Journal, 2015, 263, 471-478.	12.7	29
24	Synthesis and properties of novel soluble and high <i>T</i> _g poly(ether imide)s from diamine containing 4,5-diazafluorene and trifluoromethyl units. Polymer International, 2015, 64, 352-360.	3.1	9
25	Facile Solvothermal Synthesis of Mesostructured Fe ₃ O ₄ /Chitosan Nanoparticles as Delivery Vehicles for pHâ€Responsive Drug Delivery and Magnetic Resonance Imaging Contrast Agents. Chemistry - an Asian Journal, 2014, 9, 546-553.	3.3	38
26	Reversible immobilization of glucoamylase onto magnetic polystyrene beads with multifunctional groups. Process Biochemistry, 2014, 49, 845-849.	3.7	9
27	A facile synthesis of superparamagnetic hybrid hollow nanospheres based on monodisperse nickel–zinc ferrite/polyethylene glycol and their electromagnetic, microwave absorbing properties. Journal of Alloys and Compounds, 2014, 608, 35-43.	5.5	20
28	Development of carbon nanotubes/CoFe2O4 magnetic hybrid material for removal of tetrabromobisphenol A and Pb(II). Journal of Hazardous Materials, 2014, 265, 104-114.	12.4	202
29	Addition of pluronics® to reducible disulfideâ€bondâ€containing Pluronic®–PEl–SS specifically enhances circulation time <i>in vivo</i> and transfection efficiency <i>in vitro</i> . Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 1268-1276.	3.4	5
30	Removal of Cd (II) by polystyrene-base chelating resins: adsorption properties and experiences of industrial wastewater treatment. Desalination and Water Treatment, 2014, 52, 6481-6491.	1.0	5
31	Fabrication of magnetic amino-functionalized nanoparticles for S-arylation of heterocyclic thiols. RSC Advances, 2014, 4, 48980-48985.	3.6	12
32	Fe3O4/MWCNT as a heterogeneous Fenton catalyst: degradation pathways of tetrabromobisphenol A. RSC Advances, 2014, 4, 24900.	3.6	29
33	Preparation and Characterization of Magnetic Microspheres with an Epoxy Group Coating and Their Applications for Lipase Immobilization. Journal of Macromolecular Science - Physics, 2014, 53, 1348-1363.	1.0	6
34	A Facile One-Pot Preparation of Dialdehyde Starch Reduced Graphene Oxide/Polyaniline Composite for Supercapacitors. Electrochimica Acta, 2014, 139, 117-126.	5.2	64
35	One-step fabrication of functionalized magnetic adsorbents with large surface area and their adsorption for dye and heavy metal ions. Dalton Transactions, 2014, 43, 11637-11645.	3.3	48
36	Superparamagnetic Polymer Emulsion Particles from a Soap-Free Seeded Emulsion Polymerization and their Application for Lipase Immobilization. Applied Biochemistry and Biotechnology, 2014, 172, 701-712.	2.9	3

#	Article	IF	CITATIONS
37	Aldehyde–poly(ethylene glycol) modified graphene oxide/conducting polymers composite as high-performance electrochemical supercapacitors. Journal of Materials Chemistry A, 2014, 2, 18058-18069.	10.3	41
38	Immobilized lipase on macroporous polystyrene modified by PAMAM-dendrimer and their enzymatic hydrolysis. Process Biochemistry, 2014, 49, 244-249.	3.7	29
39	Novel adsorbent of polymeric complex derived from chaleting resin with Cu(II) and its removal properties for cyanide in aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 455, 136-146.	4.7	24
40	Facile preparation of magnetically functionalized graphite nanosheets for porcine pancreatic lipase immobilization. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	104
41	Preparation and characterization of a novel nano-absorbent based on multi-cyanoguanidine modified magnetic chitosan and its highly effective recovery for Hg(II) in aqueous phase. Journal of Hazardous Materials, 2013, 260, 9-15.	12.4	86
42	Novel magnetic beads based on sodium alginate gel crosslinked by zirconium(IV) and their effective removal for Pb2+ in aqueous solutions by using a batch and continuous systems. Bioresource Technology, 2013, 142, 611-619.	9.6	142
43	A novel chelating resin containing high levels of sulfamine group: Preparation and its adsorption characteristics towards p-toluenesulfonic acid and Hg(II). Chemical Engineering Journal, 2013, 233, 315-322.	12.7	35
44	Reversible immobilization of glucoamylase onto magnetic chitosan nanocarriers. Applied Microbiology and Biotechnology, 2013, 97, 681-692.	3.6	84
45	Heterogeneous Bifunctional Catalytic, Chemoâ€, Regio―and Enantioselective Cascade Inverse Electron Demand Diels–Alder Reaction. Advanced Synthesis and Catalysis, 2013, 355, 308-314.	4.3	30
46	Building on size-controllable hollow nanospheres with superparamagnetism derived from solid Fe3O4 nanospheres: preparation, characterization and application for lipase immobilization. CrystEngComm, 2013, 15, 4937.	2.6	34
47	Highly Enantioselective Synthesis of Nâ€Protected βâ€Amino Malonates Catalyzed by Magnetically Separable Heterogeneous Rosinâ€Derived Amino Thiourea Catalysts: A Stereocontrolled Approach to βâ€Amino Acids. ChemCatChem, 2013, 5, 2187-2190.	3.7	18
48	Enhanced removal of Pb2+from water by adsorption onto phosphoric acid-modified PS-EDTA resin: mechanism and kinetic study. Desalination and Water Treatment, 2013, 51, 7223-7235.	1.0	4
49	Preparation of Waterborne Polyurethane Foam with Active Carbon and Its Adsorption for Phenol in Aqueous Solution. Journal of Environmental Engineering, ASCE, 2013, 139, 1070-1079.	1.4	6
50	Treatment on low carbon-to-nitrogen micro-polluted water by layered biological aerated filter with floating and sunken media. Water Science and Technology, 2013, 68, 2613-2618.	2.5	1
51	Preparation and Properties of Biodegradable Composites Derived from Poly(lactide-co-glycolide), Poly(L-lactide), and Nanohydroxyapatite. Journal of Macromolecular Science - Physics, 2013, 52, 462-475.	1.0	1
52	Oneâ€Pot Solvothermal Synthesis of Highly Waterâ€Dispersible Sizeâ€Tunable Functionalized Magnetite Nanocrystal Clusters for Lipase Immobilization. Chemistry - an Asian Journal, 2013, 8, 1447-1454.	3.3	42
53	Dual-degradable disulfide-containing PEI–Pluronic/DNA polyplexes: transfection efficiency and balancing protection and DNA release. International Journal of Nanomedicine, 2013, 8, 3689.	6.7	25
54	Efficient Removal of Hg(II) by Polymer-Supported Hydrated Metal Oxides from Aqueous Solution. Separation Science and Technology, 2012, 47, 729-741.	2.5	7

#	Article	IF	CITATIONS
55	Adsorption performance and mechanism of Cr(VI) using magnetic PS-EDTA resin from micro-polluted waters. Chemical Engineering Journal, 2012, 200-202, 480-490.	12.7	45
56	Preparation of a novel chelating resin containing amidoxime–guanidine group and its recovery properties for silver ions in aqueous solution. Chemical Engineering Journal, 2012, 209, 394-400.	12.7	40
57	Preparation of Superparamagnetic Fe ₃ O ₄ @Alginate/Chitosan Nanospheres for <i>Candida rugosa lipase</i> Immobilization and Utilization of Layer-by-Layer Assembly to Enhance the Stability of Immobilized Lipase. ACS Applied Materials & Interfaces, 2012, 4, 5169-5178.	8.0	110
58	Reversible immobilization of glucoamylase onto metal–ligand functionalized magnetic FeSBA-15. Biochemical Engineering Journal, 2012, 68, 159-166.	3.6	34
59	Facile synthesis of multiwall carbon nanotubes/iron oxides for removal of tetrabromobisphenol A and Pb(ii). Journal of Materials Chemistry, 2012, 22, 15853.	6.7	155
60	Novel magnetic microspheres of P (GMA-b-HEMA): preparation, lipase immobilization and enzymatic activity in two phases. Applied Microbiology and Biotechnology, 2012, 95, 147-156.	3.6	13
61	Preparation of superparamagnetic sodium alginate nanoparticles for covalent immobilization of Candida rugosa lipase. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	23
62	Enzymes Immobilized on Superparamagnetic Fe ₃ O ₄ @Clays Nanocomposites: Preparation, Characterization, and a New Strategy for the Regeneration of Supports. Journal of Physical Chemistry C, 2011, 115, 6350-6359.	3.1	77
63	Synthesis and Antimicrobial Activity of Amphiphilic Copolymer Derivatives. Polymers and Polymer Composites, 2011, 19, 611-618.	1.9	1
64	Synthesis of novel inorganic–organic hybrid materials for simultaneous adsorption of metal ions and organic molecules in aqueous solution. Journal of Hazardous Materials, 2011, 198, 247-256.	12.4	43
65	Preparation and properties of thermally stable polyimides derived from asymmetric trifluoromethylated aromatic diamines and various dianhydrides. Polymer Degradation and Stability, 2011, 96, 1911-1918.	5.8	19
66	Study on synthesis of poly(GMA)-grafted Fe3O4/SiOX magnetic nanoparticles using atom transfer radical polymerization and their application for lipase immobilization. Materials Chemistry and Physics, 2011, 125, 866-871.	4.0	62
67	Characterization of exfoliated/delamination kaolinite. Materials Research Bulletin, 2011, 46, 101-104.	5.2	27
68	Preparation of carriers based on magnetic nanoparticles grafted polymer and immobilization for lipase. Biochemical Engineering Journal, 2011, 56, 142-149.	3.6	71
69	Preparation of novel spherical PVA/ATP composites with macroreticular structure and their adsorption behavior for methylene blue and lead in aqueous solution. Chemical Engineering Journal, 2011, 173, 446-455.	12.7	24
70	Preparation of macroporous bead adsorbents based on poly(vinyl alcohol)/chitosan and their adsorption properties for heavy metals from aqueous solution. Chemical Engineering Journal, 2011, 178, 60-68.	12.7	148
71	Reversible immobilization of glucoamylase onto magnetic carbon nanotubes functionalized with dendrimer. Applied Microbiology and Biotechnology, 2011, 91, 591-601.	3.6	40
72	Novel chelating resin with cyanoguanidine group: Useful recyclable materials for Hg(II) removal in aqueous environment. Journal of Hazardous Materials, 2011, 185, 1348-1354.	12.4	41

#	Article	IF	CITATIONS
73	Preparation of novel nano-adsorbent based on organic–inorganic hybrid and their adsorption for heavy metals and organic pollutants presented in water environment. Journal of Hazardous Materials, 2011, 186, 1672-1680.	12.4	102
74	Synthesis and characterization of a series of chelating resins containing amino/imino-carboxyl groups and their adsorption behavior for lead in aqueous phase. Chemical Engineering Journal, 2011, 168, 115-124.	12.7	54
75	Synthesis and properties of waterborne polyurethane/attapulgite nanocomposites. Composites Science and Technology, 2011, 71, 1280-1285.	7.8	58
76	Biosorption behaviors of biosorbents based on microorganisms immobilized by Ca-alginate for removing lead (II) from aqueous solution. Biotechnology and Bioprocess Engineering, 2011, 16, 808-820.	2.6	24
77	Dual crosslinked phenylethynyl end apped sulfonated polyimides via the ethynyl and sulfonate groups promoted by PEG. Journal of Polymer Science Part A, 2011, 49, 4476-4491.	2.3	18
78	Preparation of novel polysulfone capsules containing zirconium phosphate and their properties for Pb2+ removal from aqueous solution. Journal of Hazardous Materials, 2011, 188, 296-303.	12.4	39
79	STUDY ON LIPASE IMMOBILIZATION ON MONODISPERSE MAGNETIC NANOPARTICLES. Acta Polymerica Sinica, 2011, 011, 861-865.	0.0	1
80	Synthesis and characterization of novel polyimides derived from 4-phenyl-2, 6-bis [3-(4-aminophenoxy)-phenyl]-pyridine diamine and aromatic dianhydrides. Polymer Degradation and Stability, 2010, 95, 1244-1250.	5.8	13
81	Synthesis and characterization of soluble polyimides based on a new fluorinated diamine: 4-Phenyl-2,6-bis[3-(4′-amino-2′-trifluoromethyl-phenoxy) phenyl] pyridine. Journal of Fluorine Chemistry, 2010, 131, 724-730.	1.7	35
82	Preparation and adsorption performance of a novel bipolar PS-EDTA resin in aqueous phase. Journal of Hazardous Materials, 2010, 180, 98-105.	12.4	69
83	Synthesis and characterization of novel magnetic Fe3O4/polyurethane foam composite applied to the carrier of immobilized microorganisms for wastewater treatment. Research on Chemical Intermediates, 2010, 36, 277-288.	2.7	58
84	Macroporous poly(vinyl alcohol) foam crosslinked with epichlorohydrin for microorganism immobilization. Journal of Applied Polymer Science, 2010, 117, 2732-2739.	2.6	8
85	Facile synthesis of amino-silane modified superparamagnetic Fe3O4 nanoparticles and application for lipase immobilization. Journal of Biotechnology, 2010, 150, 171-174.	3.8	62
86	Synthesis and characterization of fluorinated polyimides derived from novel unsymmetrical diamines. Journal of Fluorine Chemistry, 2010, 131, 767-775.	1.7	20
87	Preparation of capsules containing 1-nonanol for rapidly removing high concentration phenol from aqueous solution. Journal of Hazardous Materials, 2010, 175, 715-725.	12.4	25
88	Characterization and adsorption mechanism of Zn2+ removal by PVA/EDTA resin in polluted water. Journal of Hazardous Materials, 2010, 178, 1046-1054.	12.4	81
89	Selective removal for Pb2+ in aqueous environment by using novel macroreticular PVA beads. Journal of Hazardous Materials, 2010, 181, 898-907.	12.4	46
90	Characterizations and thermal stability of soluble polyimide derived from novel unsymmetrical diamine monomers. Polymer Degradation and Stability, 2010, 95, 1950-1958.	5.8	32

#	Article	IF	CITATIONS
91	Study on adsorption mechanism of Pb(II) and Cu(II) in aqueous solution using PS-EDTA resin. Chemical Engineering Journal, 2010, 163, 364-372.	12.7	93
92	Free radical initiated low temperature crosslinking of phenylethynyl (PE) end apped oligomides. Journal of Polymer Science Part A, 2010, 48, 3950-3963.	2.3	20
93	Kaolinite Intercalation Precursors. Clays and Clay Minerals, 2009, 57, 779-786.	1.3	24
94	Synthesis and properties of new poly(ether imides) based on pyridine ontaining aromatic dianhydride and diamine monomers. Journal of Applied Polymer Science, 2009, 113, 1438-1447.	2.6	10
95	Synthesis of a mesoporous functional copolymer bead carrier and its properties for glucoamylase immobilization. Applied Microbiology and Biotechnology, 2009, 83, 457-464.	3.6	13
96	Enhancement of phenol degradation using immobilized microorganisms and organic modified montmorillonite in a two-phase partitioning bioreactor. Journal of Hazardous Materials, 2009, 169, 402-410.	12.4	58
97	Study on immobilization of lipase onto magnetic microspheres with epoxy groups. Journal of Magnetism and Magnetic Materials, 2009, 321, 252-258.	2.3	102
98	Synthesis and properties of novel organosoluble polyimides derived from bis[3-(4-amino-2-trifluoromethylphenoxy) phenyl] ether. European Polymer Journal, 2009, 45, 2053-2059.	5.4	35
99	Synthesis and properties of new pyridine-bridged poly(ether-imide)s based on 4-(4-trifluoromethylphenyl)-2,6-bis[4-(4-aminophenoxy)phenyl]pyridine. Journal of Fluorine Chemistry, 2008, 129, 56-63.	1.7	41
100	Synthesis and properties of novel poly(benzimidazopyrrolone amide)s containing pyridine moieties. Journal of Applied Polymer Science, 2008, 109, 3369-3375.	2.6	0
101	Preparation and application of polymer-grafted magnetic nanoparticles for lipase immobilization. Journal of Magnetism and Magnetic Materials, 2008, 320, 2350-2355.	2.3	120
102	Preparation and characterization of PMMA–kaolinite intercalation composites. Composites Science and Technology, 2008, 68, 1954-1961.	7.8	57
103	Industrial Wastewater Treatment by the Combination of Chemical Precipitation and Immobilized Microorganism Technologies. Environmental Engineering Science, 2007, 24, 736-744.	1.6	8
104	Synthesis and characterization of novel soluble pyridine-containing polyimides based on 4-phenyl-2,6-bis[4-(4-aminophenoxy)phenyl]-pyridine and various aromatic dianhydrides. Journal of Applied Polymer Science, 2007, 104, 212-219.	2.6	38
105	Synthesis and characterization of soluble polyimides derived from a novel unsymmetrical diamine monomer: 1,4-(2′,4″-diaminodiphenoxy)benzene. European Polymer Journal, 2007, 43, 4389-4397.	5.4	66
106	Preparation and properties of poly(vinyl alcohol)/silica nanocomposites derived from copolymerization of vinyl silica nanoparticles and vinyl acetate. European Polymer Journal, 2007, 43, 1123-1131.	5.4	121
107	Intercalation of acrylic acid and sodium acrylate into kaolinite and their in situ polymerization. Journal of Physics and Chemistry of Solids, 2007, 68, 135-142.	4.0	62
108	Synthesis and properties of fluorinated polyimides from a new unsymmetrical diamine: 1,4-(2′-Trifluoromethyl-4′,4′-diaminodiphenoxy)benzene. Journal of Polymer Science Part A, 2006, 44, 6836-6846.	2.3	73

#	Article	IF	CITATIONS
109	Synthesis and characterization of novel polyimides derived from pyridine-bridged aromatic dianhydride and various diamines. European Polymer Journal, 2006, 42, 1229-1239.	5.4	56
110	SYNTHESIS AND CHARACTERIZATION OF PYRIDINE-BRIDGED FLUORINATED POLYIMIDES. Acta Polymerica Sinica, 2006, 006, 489-495.	0.0	2
111	Synthesis and characterization of soluble polyimides based on trifluoromethylated aromatic dianhydride and substitutional diaminetriphenylmethanes. Journal of Fluorine Chemistry, 2005, 126, 819-823.	1.7	23
112	Synthesis and characterization of novel polyimides derived from 1,1-bis[4-(4′-aminophenoxy)phenyl]-1- [3″,5″-bis(trifluoromethyl)phenyl]-2,2,2-trifluoroethane. Polymer, 2005, 46, 3119-3127.	3.8	76
113	Study on synthesis and characterization of novel polyimides derived from 2,6-Bis(3-aminobenzoyl) pyridine. European Polymer Journal, 2005, 41, 1097-1107.	5.4	94
114	Synthesis and properties of novel polyimides derived from 2,6-bis(4-aminophenoxy-4′-benzoyl)pyridine with some of dianhydride monomers. Polymer, 2005, 46, 11986-11993.	3.8	50
115	Study on the synthesis and application of salt-resisting polymeric hydrogels. Polymers for Advanced Technologies, 2004, 15, 34-38.	3.2	41
116	Properties and applications of polyacrylacylisothiourea chelating fiber for preconcentration and separation of trace titanium, vanadium and bismuth. Mikrochimica Acta, 1997, 126, 137-140.	5.0	10