

Xiaoâ€™Kun Ouyang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Diethylenetriaminepentaacetic Acid (DPTA)-modified Magnetic Cellulose Nanocrystals can Efficiently Remove Pb(II) from Aqueous Solution. <i>Journal of Polymers and the Environment</i> , 2022, 30, 1344-1354.	2.4	9
2	Adsorption of Pb(II) from Aqueous Solutions Using Nanocrystalline Cellulose/Sodium Alginate/K-Carrageenan Composite Hydrogel Beads. <i>Journal of Polymers and the Environment</i> , 2022, 30, 1995-2006.	2.4	32
3	Polyphenol-based hydrogels: Pyramid evolution from crosslinked structures to biomedical applications and the reverse design. <i>Bioactive Materials</i> , 2022, 17, 49-70.	8.6	64
4	The Simultaneous Production of Two Distinct Types of Cellulose Nanocrystals. <i>Langmuir</i> , 2022, 38, 5996-6003.	1.6	6
5	Oxidative stress-amplified nanomedicine for intensified ferroptosis-apoptosis combined tumor therapy. <i>Journal of Controlled Release</i> , 2022, 347, 104-114.	4.8	42
6	Delivery of curcumin by fucoidan-coated mesoporous silica nanoparticles: Fabrication, characterization, and in vitro release performance. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 368-379.	3.6	23
7	Efficient Delivery of Curcumin by Alginate Oligosaccharide Coated Aminated Mesoporous Silica Nanoparticles and In Vitro Anticancer Activity against Colon Cancer Cells. <i>Pharmaceutics</i> , 2022, 14, 1166.	2.0	29
8	Cellulose nanocrystal/calcium alginate-based porous microspheres for rapid hemostasis and wound healing. <i>Carbohydrate Polymers</i> , 2022, 293, 119688.	5.1	36
9	Fabrication, characterization, and in vitro evaluation of doxorubicin-coupled chitosan oligosaccharide nanoparticles. <i>Journal of Molecular Structure</i> , 2022, 1268, 133688.	1.8	10
10	Development and characterization of soybean protein isolate and fucoidan nanoparticles for curcumin encapsulation. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 194-205.	3.6	77
11	Adsorption of lead ions from aqueous solutions by porous cellulose nanofiberâ€“sodium alginate hydrogel beads. <i>Journal of Molecular Liquids</i> , 2021, 324, 115122.	2.3	118
12	Adsorption of Pb(II) from aqueous solutions using crosslinked carboxylated chitosan/carboxylated nanocellulose hydrogel beads. <i>Journal of Molecular Liquids</i> , 2021, 322, 114523.	2.3	94
13	Adsorption of Pb(II) from Aqueous Solution by Mussel Shell-Based Adsorbent: Preparation, Characterization, and Adsorption Performance. <i>Materials</i> , 2021, 14, 741.	1.3	16
14	Encapsulation of curcumin using fucoidan stabilized zein nanoparticles: Preparation, characterization, and in vitro release performance. <i>Journal of Molecular Liquids</i> , 2021, 329, 115586.	2.3	60
15	Fabrication of porous polyethyleneimine-functionalized chitosan/Span 80 microspheres for adsorption of diclofenac sodium from aqueous solutions. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100418.	1.6	10
16	Fabrication and characterization of zein-alginate oligosaccharide complex nanoparticles as delivery vehicles of curcumin. <i>Journal of Molecular Liquids</i> , 2021, 342, 116937.	2.3	58
17	Delivery of curcumin using a zein-xanthan gum nanocomplex: Fabrication, characterization, and in vitro release properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 204, 111827.	2.5	62
18	Facile fabrication of surface molecularly imprinted magnetic polydopamine for selective adsorption of fluoroquinolone from aqueous solutions. <i>Journal of Molecular Structure</i> , 2021, 1243, 130894.	1.8	14

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19	Enhancing the stability of zein/fucoidan composite nanoparticles with calcium ions for quercetin delivery. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 2070-2078.	3.6	40
20	PEI-modified core-shell/bead-like amino silica enhanced poly (vinyl alcohol)/chitosan for diclofenac sodium efficient adsorption. <i>Carbohydrate Polymers</i> , 2020, 229, 115459.	5.1	76
21	Fabrication of cross-linked chitosan beads grafted by polyethylenimine for efficient adsorption of diclofenac sodium from water. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 1180-1188.	3.6	68
22	Adsorption of Pb(II) from aqueous solution by polyacrylic acid grafted magnetic chitosan nanocomposite. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 1537-1547.	3.6	57
23	Stabilization of zein nanoparticles with <i>k</i> -carrageenan and tween 80 for encapsulation of curcumin. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 549-559.	3.6	80
24	EDTA-functionalized magnetic chitosan oligosaccharide and carboxymethyl cellulose nanocomposite: Synthesis, characterization, and Pb(II) adsorption performance. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 591-600.	3.6	46
25	Efficient adsorption of Cu(II) from aqueous solutions by acid-resistant and recyclable ethylenediamine tetraacetic acid-grafted polyvinyl alcohol/chitosan beads. <i>Journal of Molecular Liquids</i> , 2020, 316, 113856.	2.3	42
26	Fabrication of soy protein isolate/cellulose nanocrystal composite nanoparticles for curcumin delivery. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1468-1474.	3.6	77
27	Fabrication of chitosan-based MCS/ZnO@Alg gel microspheres for efficient adsorption of As(V). <i>International Journal of Biological Macromolecules</i> , 2019, 139, 886-895.	3.6	37
28	Fabrication of polyethylenimine-functionalized sodium alginate/cellulose nanocrystal/polyvinyl alcohol core-shell microspheres ((PVA/SA/CNC)@PEI) for diclofenac sodium adsorption. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 48-58.	5.0	128
29	Efficient adsorption of Pb(II) from aqueous solutions using aminopropyltriethoxysilane-modified magnetic attapulgite@chitosan (APTS-Fe ₃ O ₄ /APT@CS) composite hydrogel beads. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 741-750.	3.6	43
30	Fabrication of Ion-Crosslinking Aminochitosan Nanoparticles for Encapsulation and Slow Release of Curcumin. <i>Pharmaceutics</i> , 2019, 11, 584.	2.0	28
31	Folic Acid and PEI Modified Mesoporous Silica for Targeted Delivery of Curcumin. <i>Pharmaceutics</i> , 2019, 11, 430.	2.0	50
32	pH-sensitive ZnO/carboxymethyl cellulose/chitosan bio-nanocomposite beads for colon-specific release of 5-fluorouracil. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 468-479.	3.6	117
33	Preparation of pH-sensitive Fe ₃ O ₄ @C/carboxymethyl cellulose/chitosan composite beads for diclofenac sodium delivery. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 594-605.	3.6	75
34	Efficient adsorption of Levofloxacin from aqueous solution using calcium alginate/metal organic frameworks composite beads. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 91, 353-363.	1.1	68
35	Fabrication of magnetic bentonite/carboxymethyl chitosan/sodium alginate hydrogel beads for Cu (II) adsorption. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 490-500.	3.6	191
36	Facile Fabrication of ZIF-8/Calcium Alginate Microparticles for Highly Efficient Adsorption of Pb(II) from Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 6394-6401.	1.8	77

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37	Facile fabrication of core-shell/bead-like ethylenediamine-functionalized Al-pillared montmorillonite/calcium alginate for As(V) ion adsorption. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 971-979.	3.6	18
38	Dual-layered pH-sensitive alginate/chitosan/kappa-carrageenan microbeads for colon-targeted release of 5-fluorouracil. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 487-494.	3.6	104
39	Fabrication of Carboxymethylcellulose/Metal-Organic Framework Beads for Removal of Pb(II) from Aqueous Solution. <i>Materials</i> , 2019, 12, 942.	1.3	33
40	Adsorption of diclofenac sodium on bilayer amino-functionalized cellulose nanocrystals/chitosan composite. <i>Journal of Hazardous Materials</i> , 2019, 369, 483-493.	6.5	119
41	Fabrication of tetraethylenepentamine functionalized alginate beads for adsorptive removal of Cr (VI) from aqueous solutions. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 1221-1231.	3.6	70
42	Efficient adsorption of diclofenac sodium from aqueous solutions using magnetic amine-functionalized chitosan. <i>Chemosphere</i> , 2019, 217, 270-278.	4.2	145
43	Highly efficient adsorption of Pb(II) from aqueous solution using amino-functionalized SBA-15/calcium alginate microspheres as adsorbent. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 808-819.	3.6	71
44	Adsorptive removal of cationic methylene blue dye using carboxymethyl cellulose/k-carrageenan/activated montmorillonite composite beads: Isotherm and kinetic studies. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 823-833.	3.6	213
45	Fabrication of ofloxacin imprinted polymer on the surface of magnetic carboxylated cellulose nanocrystals for highly selective adsorption of fluoroquinolones from water. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 453-462.	3.6	66
46	Fabrication of carboxylated cellulose nanocrystal/sodium alginate hydrogel beads for adsorption of Pb(II) from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 149-157.	3.6	269
47	Efficient Adsorption of Pb(II) from Aqueous Solutions by Metal Organic Framework (Zn-BDC) Coated Magnetic Montmorillonite. <i>Polymers</i> , 2018, 10, 1383.	2.0	32
48	Fabrication of Composite Beads Based on Calcium Alginate and Tetraethylenepentamine-Functionalized MIL-101 for Adsorption of Pb(II) from Aqueous Solutions. <i>Polymers</i> , 2018, 10, 750.	2.0	31
49	Fabrication of magnetic carboxyl-functionalized attapulgite/calcium alginate beads for lead ion removal from aqueous solutions. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 789-800.	3.6	29
50	Facile Preparation of Metal-Organic Framework (MIL-125)/Chitosan Beads for Adsorption of Pb(II) from Aqueous Solutions. <i>Molecules</i> , 2018, 23, 1524.	1.7	47
51	Enhancement of epoxide hydrolase production by ⁶⁰ Co gamma and UV irradiation mutagenesis of <i>Aspergillus niger</i> . <i>ZJB</i> 103. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 392-399.	1.4	7
52	Adsorption behavior of carboxylated cellulose nanocrystal-polyethyleneimine composite for removal of Cr(VI) ions. <i>Applied Surface Science</i> , 2017, 408, 77-87.	3.1	194
53	Enantioseparation and enantioselective behavior of trichlorfon enantiomers in sediments. <i>Chirality</i> , 2017, 29, 140-146.	1.3	1
54	Adsorption of Pb(II) from fish sauce using carboxylated cellulose nanocrystal: Isotherm, kinetics, and thermodynamic studies. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 232-240.	3.6	80

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55	Surface-Imprinted Magnetic Carboxylated Cellulose Nanocrystals for the Highly Selective Extraction of Six Fluoroquinolones from Egg Samples. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 1759-1769.	4.0	73
56	Shear-Induced Breakup of Cellulose Nanocrystal Aggregates. <i>Langmuir</i> , 2017, 33, 235-242.	1.6	44
57	Fabrication of novel surface-imprinted magnetic graphene oxide-grafted cellulose nanocrystals for selective extraction and fast adsorption of fluoroquinolones from water. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6643-6653.	1.9	56
58	Fabrication of a Magnetic Cellulose Nanocrystal/Metal-Organic Framework Composite for Removal of Pb(II) from Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 10447-10458.	3.2	154
59	Synthesis and Characterization of Magnetic Molecularly Imprinted Polymer for the Enrichment of Ofloxacin Enantiomers in Fish Samples. <i>Molecules</i> , 2016, 21, 915.	1.7	15
60	Pharmacokinetic study of ofloxacin enantiomers in <i>Pagrosomus major</i> by chiral HPLC. <i>Biomedical Chromatography</i> , 2016, 30, 426-431.	0.8	8
61	Chiral separation and enantioselective degradation of trichlorfon enantiomers in mariculture pond water. <i>Analytical Methods</i> , 2016, 8, 3196-3203.	1.3	5
62	Investigation into the enantiospecific behavior of trichlorfon enantiomers during microorganism degradation. <i>RSC Advances</i> , 2016, 6, 3934-3941.	1.7	1
63	Magnetic carboxylated cellulose nanocrystals as adsorbent for the removal of Pb(II) from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 547-556.	3.6	89
64	Validation of a Chiral Liquid Chromatographic Method for the Degradation Behavior of Flumequine Enantiomers in Mariculture Pond Water. <i>Chirality</i> , 2016, 28, 649-655.	1.3	3
65	Analysis of flumequine enantiomers in rat plasma by UFLC-ESI-MS/MS. <i>Chirality</i> , 2016, 28, 737-743.	1.3	2
66	Composition and anti-inflammatory effect of polysaccharides from <i>Sargassum horneri</i> in RAW264.7 macrophages. <i>International Journal of Biological Macromolecules</i> , 2016, 88, 403-413.	3.6	87
67	Enzymatic approaches to the preparation of chiral epichlorohydrin. <i>RSC Advances</i> , 2015, 5, 92988-92994.	1.7	12
68	Validation a solid-phase extraction-HPLC method for determining the migration behaviour of five aromatic amines from packaging bags into seafood simulants. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 1598-1604.	1.1	8
69	Protective effect of polysaccharides from <i>Sargassum horneri</i> against oxidative stress in RAW264.7 cells. <i>International Journal of Biological Macromolecules</i> , 2014, 68, 98-106.	3.6	50
70	Simultaneous Determination of Flumequine and Oxolinic Acid Residues in Aquatic Products Using Pressurized Capillary Electrochromatography. <i>Food Analytical Methods</i> , 2014, 7, 1770-1775.	1.3	9
71	Bamboo-derived porous bioadsorbents and their adsorption of Cd(II) from mixed aqueous solutions. <i>RSC Advances</i> , 2014, 4, 28699.	1.7	14
72	Partially Hydrolyzed Bamboo (<i>Phyllostachys heterocycla</i>) As a Porous Bioadsorbent for the Removal of Pb(II) from Aqueous Mixtures. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6007-6015.	2.4	36

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73	Adsorption of caprolactam from aqueous solution by novel polysulfone microcapsules containing [Bmim][PF6]. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 72-76.	2.3	21
74	A novel molecularly imprinted polymer of the specific ionic liquid monomer for selective separation of synephrine from methanol-water media. <i>Food Chemistry</i> , 2013, 141, 3578-3585.	4.2	89
75	Liquid-liquid extraction of caprolactam from water using room temperature ionic liquids. <i>Separation and Purification Technology</i> , 2013, 104, 263-267.	3.9	24
76	Chitosan Nanoparticles Attenuate Hydrogen Peroxide-Induced Stress Injury in Mouse Macrophage RAW264.7 Cells. <i>Marine Drugs</i> , 2013, 11, 3582-3600.	2.2	48
77	Extraction of Puerarin using Ionic Liquid Based Aqueous Two-Phase Systems. <i>Separation Science and Technology</i> , 2012, 47, 1740-1747.	1.3	17
78	Wetting of Soy protein adhesives modified by urea on wood surfaces. <i>European Journal of Wood and Wood Products</i> , 2012, 70, 11-16.	1.3	23
79	Determination of four pyridine alkaloids from <i>Tripterygium wilfordii</i> Hook. f. in human plasma by high-performance liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3516-3522.	1.2	14
80	Viscosity Calculations for Ionic Liquid-Cosolvent Mixtures Based on Eyring's Absolute Rate Theory and Activity Coefficient Models. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 4878-4884.	1.0	29
81	Rapid Identification and Determination of the Rodenticide Valone in Serum by High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2009, 33, 104-108.	1.7	5
82	Simultaneous determination of triptolide, triptidiolide and tripterine in human urine by high-performance liquid chromatography coupled with ion trap atmospheric-pressure chemical ionization mass spectrometry. <i>Biomedical Chromatography</i> , 2009, 23, 289-294.	0.8	16
83	Characterization and determination of chlorophacinone in plasma by ion chromatography coupled with ion trap electrospray ionization mass spectrometry. <i>Biomedical Chromatography</i> , 2009, 23, 524-530.	0.8	7
84	Ion chromatography tandem mass spectrometry for simultaneous confirmation and determination of indandione rodenticides in serum. <i>Biomedical Chromatography</i> , 2009, 23, 1217-1226.	0.8	10
85	Development and Validation of a Liquid Chromatography Coupled with Atmospheric-Pressure Chemical Ionization Ion Trap Mass Spectrometric Method for the Simultaneous Determination of Triptolide, Triptidiolide, and Tripterine in Human Serum. <i>Journal of Analytical Toxicology</i> , 2008, 32, 737-743.	1.7	8
86	High-performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry for the determination of floccoumafen and brodifacoum in whole blood. <i>Journal of Applied Toxicology</i> , 2007, 27, 18-24.	1.4	31
87	Simultaneous determination of four sesquiterpene alkaloids in <i>Tripterygium wilfordii</i> Hook. F. extracts by High-performance liquid chromatography. <i>Phytochemical Analysis</i> , 2007, 18, 320-325.	1.2	18
88	Simultaneous Determination of Triptolide and Triptidiolide in Extract of <i>Tripterygium wilfordii</i> Hook. f. by LC-APCI-MS. <i>Chromatographia</i> , 2007, 65, 373-375.	0.7	16
89	Preparative separation of four major alkaloids from medicinal plant of <i>Tripterygium Wilfordii</i> Hook F using high-speed counter-current chromatography. <i>Separation and Purification Technology</i> , 2007, 56, 319-324.	3.9	44