

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.

71 papers	1,767 citations	26 h-index	39 g-index
77 ext. papers	2,444 ext. citations	6.8 avg, IF	5.61 L-index

#	Paper	IF	Citations
71	Lignin Nanoparticle as a Novel Green Carrier for the Efficient Delivery of Resveratrol. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 8241-8249	8.3	195
70	Antibacterial and hemostatic hydrogel via nanocomposite from cellulose nanofibers. <i>Carbohydrate Polymers</i> , 2018 , 195, 63-70	10.3	106
69	Biomass Fractionation and Lignin Fractionation towards Lignin Valorization. <i>ChemSusChem</i> , 2020 , 13, 4284-4295	8.3	72
68	Lignin-Based Nanoparticles Stabilized Pickering Emulsion for Stability Improvement and Thermal-Controlled Release of trans-Resveratrol. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13497-13504	8.3	60
67	Novel lignin-based phenolic nanosphere supported palladium nanoparticles with highly efficient catalytic performance and good reusability. <i>Industrial Crops and Products</i> , 2020 , 145, 112164	5.9	56
66	All-Lignin-Based Hydrogel with Fast pH-Stimuli Responsiveness for Mechanical Switching and Actuation. <i>Chemistry of Materials</i> , 2020 , 32, 4324-4330	9.6	55
65	A simple and effective approach to fabricate lignin nanoparticles with tunable sizes based on lignin fractionation. <i>Green Chemistry</i> , 2020 , 22, 2011-2017	10	55
64	A lignin-containing cellulose hydrogel for lignin fractionation. <i>Green Chemistry</i> , 2019 , 21, 5222-5230	10	54
63	Lignin-Based Micro- and Nanomaterials and their Composites in Biomedical Applications. <i>ChemSusChem</i> , 2020 , 13, 4266-4283	8.3	52
62	Fabrication of thermo- and pH-sensitive cellulose nanofibrils-reinforced hydrogel with biomass nanoparticles. <i>Carbohydrate Polymers</i> , 2019 , 215, 289-295	10.3	46
61	Self-assembled targeted nanoparticles based on transferrin-modified eight-arm-polyethylene glycol-dihydroartemisinin conjugate. <i>Scientific Reports</i> , 2016 , 6, 29461	4.9	45
60	Study on thermal degradation kinetics of cellulose-graft-poly(L-lactic acid) by thermogravimetric analysis. <i>Polymer Degradation and Stability</i> , 2014 , 99, 233-239	4.7	44
59	A novel functional lignin-based filler for pyrolysis and feedstock recycling of poly(L-lactide). <i>Green Chemistry</i> , 2018 , 20, 1777-1783	10	42
58	Self-assembled targeted folate-conjugated eight-arm-polyethylene glycol-betulinic acid nanoparticles for co-delivery of anticancer drugs. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 3754-3766	7.3	41
57	Novel multiarm polyethylene glycol-dihydroartemisinin conjugates enhancing therapeutic efficacy in non-small-cell lung cancer. <i>Scientific Reports</i> , 2014 , 4, 5871	4.9	40
56	A Facile Preparation of Super Long-Term Stable Lignin Nanoparticles from Black Liquor. <i>ChemSusChem</i> , 2019 , 12, 5239	8.3	36
55	A novel self-assembled targeted nanoparticle platform based on carboxymethylcellulose co-delivery of anticancer drugs. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6605-6617	7.3	34

54	Green mussel-inspired lignin magnetic nanoparticles with high adsorptive capacity and environmental friendliness for chromium(III) removal. <i>International Journal of Biological Macromolecules</i> , 2019 , 132, 478-486	7.9	33
53	Mussel-Inspired Cellulose-Based Nanocomposite Fibers for Adsorption and Photocatalytic Degradation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 15756-15763	8.3	33
52	High efficient recovery of L-lactide with lignin-based filler by thermal degradation. <i>Industrial Crops and Products</i> , 2020 , 143, 111954	5.9	32
51	Ginsenoside nanoparticle: a new green drug delivery system. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 529-538	7.3	31
50	Cellulose-graft-poly(l-lactic acid) nanoparticles for efficient delivery of anti-cancer drugs. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6749-6757	7.3	31
49	Fabrication of high-performance poly(l-lactic acid)/lignin-graft-poly(d-lactic acid) stereocomplex films. <i>Materials Science and Engineering C</i> , 2017 , 80, 397-403	8.3	28
48	Water soluble multiarm-polyethylene glycol/betulinic acid prodrugs: design, synthesis, and in vivo effectiveness. <i>Polymer Chemistry</i> , 2014 , 5, 5775-5783	4.9	27
47	Simple and green fabrication of AgCl/Ag-cellulose paper with antibacterial and photocatalytic activity. <i>Carbohydrate Polymers</i> , 2017 , 174, 450-455	10.3	27
46	Conductive cellulose nanofibrils-reinforced hydrogels with synergetic strength, toughness, self-adhesion, flexibility and adjustable strain responsiveness. <i>Carbohydrate Polymers</i> , 2020 , 250, 117010	10.3	26
45	Self-assembled serum albumin/poly(L-lactic acid) nanoparticles: a novel nanoparticle platform for drug delivery in cancer. <i>RSC Advances</i> , 2015 , 5, 15612-15620	3.7	24
44	Injectable and thermosensitive supramolecular hydrogels by inclusion complexation between binary-drug loaded micelles and β -cyclodextrin. <i>Materials Science and Engineering C</i> , 2017 , 76, 966-974	8.3	23
43	Cellulose-graft-poly(methyl methacrylate) nanoparticles with high biocompatibility for hydrophobic anti-cancer drug delivery. <i>Materials Letters</i> , 2017 , 207, 213-216	3.3	22
42	Recent Advances on Cellulose-Based Nano-Drug Delivery Systems: Design of Prodrugs and Nanoparticles. <i>Current Medicinal Chemistry</i> , 2019 , 26, 2410-2429	4.3	22
41	Self-assembled PEG/carboxymethylcellulose nanoparticles/ β -cyclodextrin hydrogels for injectable and thermosensitive drug delivery. <i>RSC Advances</i> , 2017 , 7, 2905-2912	3.7	21
40	Reversible photo-controlled release of bovine serum albumin by azobenzene-containing cellulose nanofibrils-based hydrogel. <i>Advanced Composites and Hybrid Materials</i> , 2019 , 2, 462-470	8.7	21
39	Improving dispersion stability of hydrochloric acid hydrolyzed cellulose nano-crystals. <i>Carbohydrate Polymers</i> , 2019 , 222, 115037	10.3	21
38	Drug-loaded poly(L-lactide)/lignin stereocomplex film for enhancing stability and sustained release of trans-resveratrol. <i>International Journal of Biological Macromolecules</i> , 2018 , 119, 1129-1136	7.9	20
37	Lignin-containing cellulose nanocrystals/sodium alginate beads as highly effective adsorbents for cationic organic dyes. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 640-646	7.9	19

36	Lignin-graft-poly(acrylic acid) for enhancement of heavy metal ion biosorption. <i>Journal of Materials Science</i> , 2017 , 52, 13689-13699	4.3	19
35	Cellulose-assisted construction of high surface area Z-scheme C-doped g-CN/WO for improved tetracycline degradation. <i>Carbohydrate Polymers</i> , 2021 , 255, 117343	10.3	19
34	A well-defined lignin-based filler for tuning the mechanical properties of polymethyl methacrylate. <i>Green Chemistry</i> , 2021 , 23, 2329-2335	10	19
33	A surfactant template-assisted strategy for synthesis of ZIF-8 hollow nanospheres. <i>Materials Letters</i> , 2015 , 161, 682-685	3.3	17
32	Green and stable piezoresistive pressure sensor based on lignin-silver hybrid nanoparticles/polyvinyl alcohol hydrogel. <i>International Journal of Biological Macromolecules</i> , 2021 , 176, 78-86	7.9	16
31	Lignin-Containing Self-Nanoemulsifying Drug Delivery System for Enhance Stability and Oral Absorption of trans-Resveratrol. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1700447	3.1	14
30	Degradation of graft polymer and blend based on cellulose and poly(L-lactide). <i>Journal of Applied Polymer Science</i> , 2013 , 130, 2257-2264	2.9	14
29	Multifunctional pH-Responsive Sprayable Hydrogel Based on Chitosan and Lignin-Based Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1800145	3.1	14
28	Fabrication of ZIF-8@super-macroporous poly(glycidyl methacrylate) microspheres. <i>Inorganic Chemistry Communication</i> , 2014 , 50, 65-69	3.1	13
27	Tandem Character of Liquid Hot Water and Deep Eutectic Solvent to Enhance Lignocellulose Deconstruction. <i>ChemSusChem</i> , 2021 , 14, 2740-2748	8.3	13
26	Towards a waste-free biorefinery: A cascade valorization of bamboo for efficient fractionation, enzymatic hydrolysis and lithium-sulfur cathode. <i>Industrial Crops and Products</i> , 2020 , 149, 112364	5.9	12
25	A self-assembled nanoparticle platform based on poly(ethylene glycol)βiosgenin conjugates for co-delivery of anticancer drugs. <i>RSC Advances</i> , 2015 , 5, 74828-74834	3.7	11
24	Design, synthesis and in vivo antitumor efficacy of novel eight-arm-polyethylene glycolβterostilbene prodrugs. <i>RSC Advances</i> , 2015 , 5, 51592-51599	3.7	11
23	A multifunctional nanocellulose-based hydrogel for strain sensing and self-powering applications. <i>Carbohydrate Polymers</i> , 2021 , 268, 118210	10.3	10
22	Size-controlled lignin nanoparticles for tuning the mechanical properties of poly(vinyl alcohol). <i>Industrial Crops and Products</i> , 2021 , 172, 114012	5.9	10
21	"Nano-Ginseng" for Enhanced Cytotoxicity AGAINST Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
20	The Synthesis of Cellulose-graft-poly (L-lactide) by Ring-opening Polymerization and the Study of Its Degradability. <i>Bulletin of the Korean Chemical Society</i> , 2012 , 33, 4122-4126	1.2	8
19	A novel self-assembled pH-sensitive targeted nanoparticle platform based on antibody-4arm-polyethylene glycol-pterostilbene conjugates for co-delivery of anticancer drugs. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 656-665	7.3	6

18	Lignin nanoparticles for hydrogel-based pressure sensor. <i>Industrial Crops and Products</i> , 2022 , 176, 114365-114379	5.9	6
17	A flow-through reactor for fast fractionation and production of structure-preserved lignin. <i>Industrial Crops and Products</i> , 2021 , 164, 113350	5.9	5
16	Characterization of adsorbent microspheres of cellulose and acrylic acid and its adsorption behaviors for metal ions. <i>Desalination and Water Treatment</i> , 2016 , 57, 5821-5827		4
15	A functional lignin-based nanofiller for flame-retardant blend. <i>International Journal of Biological Macromolecules</i> , 2021 , 190, 390-395	7.9	4
14	pH-Responsive Lignin Hydrogel for Lignin Fractionation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 13972-13978	8.3	3
13	A lignocellulose-based nanocomposite hydrogel with pH-sensitive and potent antibacterial activity for wound healing. <i>International Journal of Biological Macromolecules</i> , 2021 , 191, 1249-1254	7.9	3
12	A scalable waste-free biorefinery inspires revenue from holistic lignocellulose valorization. <i>Green Chemistry</i> , 2021 , 23, 6008-6019	10	3
11	Dissolution of Cellulose and Synthesis of Cellulose-Graft-Poly (L-Lactide) via Ring-Opening Polymerization in an Ionic Liquid. <i>Advanced Materials Research</i> , 2012 , 476-478, 1897-1900	0.5	2
10	A Facile Preparation of Super Long-Term Stable Lignin Nanoparticles from Black Liquor. <i>ChemSusChem</i> , 2019 , 12, 5216	8.3	2
9	Synthesis of Cellulose-Graft-Poly (L-Lactide) via Ring-Opening Polymerization and Degradability Research. <i>Advanced Materials Research</i> , 2013 , 652-654, 398-401	0.5	1
8	Alkylation modification for lignin color reduction and molecular weight adjustment.. <i>International Journal of Biological Macromolecules</i> , 2022 , 201, 400-410	7.9	1
7	Multifunctional Lignin-Silver Nanoparticles for Accelerating Polymerization and Cross-Linking of Sodium Polyacrylate. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 2140-2148	4.3	1
6	Enabling dual valorization of lignocellulose by fluorescent lignin carbon dots and biochar-supported persulfate activation: Towards waste-treats-pollutant. <i>Journal of Hazardous Materials</i> , 2022 , 435, 129072	12.8	1
5	Lignin-based materials for drug and gene delivery 2021 , 327-370		0
4	A Rapid and Reversible pH Control Process for the Formation and Dissociation of Lignin Nanoparticles.. <i>ChemSusChem</i> , 2022 , e202200449	8.3	0
3	Combined bactericidal process of lignin and silver in a hybrid nanoparticle on .. <i>Advanced Composites and Hybrid Materials</i> , 2022 , 1-11	8.7	0
2	Lignin fractionation-inspired carbon dots to enable trimodule fluorescent sensing of pH, silver ion and cysteine. <i>Industrial Crops and Products</i> , 2022 , 185, 115127	5.9	0
1	Novel and Efficient Lignin Fractionation Processes for Tailing Lignin-Based Materials 2021 , 363-387		

