

# Chengjun Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5359403/publications.pdf>

Version: 2024-02-01

23  
papers

2,964  
citations

471477

17  
h-index

713444

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

4245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembling Behavior of Cellulose Nanoparticles during Freeze-Drying: Effect of Suspension Concentration, Particle Size, Crystal Structure, and Surface Charge. <i>Biomacromolecules</i> , 2013, 14, 1529-1540.	5.4	392
2	Electrospun Bio-Nanocomposite Scaffolds for Bone Tissue Engineering by Cellulose Nanocrystals Reinforcing Maleic Anhydride Grafted PLA. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 3847-3854.	8.0	292
3	Adsorption kinetic and equilibrium studies for methylene blue dye by partially hydrolyzed polyacrylamide/cellulose nanocrystal nanocomposite hydrogels. <i>Chemical Engineering Journal</i> , 2014, 251, 17-24.	12.7	290
4	Application of rod-shaped cellulose nanocrystals in polyacrylamide hydrogels. <i>Journal of Colloid and Interface Science</i> , 2011, 353, 116-123.	9.4	256
5	Electrospun Polyethylene Oxide/Cellulose Nanocrystal Composite Nanofibrous Mats with Homogeneous and Heterogeneous Microstructures. <i>Biomacromolecules</i> , 2011, 12, 2617-2625.	5.4	255
6	Effect of high-pressure homogenization on particle size and film properties of soy protein isolate. <i>Industrial Crops and Products</i> , 2013, 43, 538-544.	5.2	246
7	A novel polyacrylamide nanocomposite hydrogel reinforced with natural chitosan nanofibers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 84, 155-162.	5.0	215
8	Comparative properties of cellulose nano-crystals from native and mercerized cotton fibers. <i>Cellulose</i> , 2012, 19, 1173-1187.	4.9	192
9	Mechanical properties and in vitro degradation of electrospun bio-nanocomposite mats from PLA and cellulose nanocrystals. <i>Carbohydrate Polymers</i> , 2012, 90, 301-308.	10.2	188
10	Characterization of cellulose II nanoparticles regenerated from 1-butyl-3-methylimidazolium chloride. <i>Carbohydrate Polymers</i> , 2013, 94, 773-781.	10.2	154
11	In situ preparation and continuous fiber spinning of poly(p-phenylene benzobisoxazole) composites with oligo-hydroxyamide-functionalized multi-walled carbon nanotubes. <i>Polymer</i> , 2008, 49, 2520-2530.	3.8	85
12	Enhanced conductivity in polybenzoxazoles doped with carboxylated multi-walled carbon nanotubes. <i>Carbon</i> , 2008, 46, 1232-1240.	10.3	68
13	Dynamic rheology studies of in situ polymerization process of polyacrylamide/cellulose nanocrystal composite hydrogels. <i>Colloid and Polymer Science</i> , 2011, 289, 247-255.	2.1	63
14	UV-initiated crosslinking of electrospun poly(ethylene oxide) nanofibers with pentaerythritol triacrylate: Effect of irradiation time and incorporated cellulose nanocrystals. <i>Carbohydrate Polymers</i> , 2012, 87, 1779-1786.	10.2	59
15	A facile approach to fabricate porous nanocomposite gels based on partially hydrolyzed polyacrylamide and cellulose nanocrystals for adsorbing methylene blue at low concentrations. <i>Journal of Hazardous Materials</i> , 2013, 263, 334-341.	12.4	59
16	Morphology and electromagnetic interference shielding effects of SiC coated carbon short fibers. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9684-9694.	5.5	50
17	Synthesis and solution properties of novel comb-shaped acrylamide copolymers. <i>Polymer Bulletin</i> , 2011, 66, 407-417.	3.3	32
18	Recent Development in Applications of Cellulose Nanocrystals for Advanced Polymer-Based Nanocomposites by Novel Fabrication Strategies. , 0, , .		29

#	ARTICLE	IF	CITATIONS
19	Preparation, morphology, and adhesive and mechanical properties of ultrahigh-molecular-weight polyethylene/SiO <sub>2</sub> nanocomposite fibers. <i>Polymer Composites</i> , 2010, 31, 684-690.	4.6	15
20	<i>In situ</i> polymerization and photophysical properties of poly( <i>p</i> -phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (124, 4740-4746.	2.6	12
21	A Simple Modification Method of Multiwalled Carbon Nanotube with Polyhydroxyamide. <i>Chemistry Letters</i> , 2008, 37, 254-255.	1.3	9
22	Sliding Friction Behaviors of Poly ( <i>p</i> -Phenylene Benzobisoxazole) (PBO) Film under Different Conditions. <i>Journal of Macromolecular Science - Physics</i> , 2008, 47, 723-734.	1.0	3
23	Synthesis and properties of polybenzazoles containing flexible methylene in backbone. <i>Frontiers of Chemical Engineering in China</i> , 2008, 2, 412-416.	0.6	0