Chengjun Zhou

List of Publications by Year
in descending order

23 papers	2,964 citations	471509 17 h-index	713466 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. Biomacromolecules, 2013, 14, 1529-1540.	5.4	392
2	Electrospun Bio-Nanocomposite Scaffolds for Bone Tissue Engineering by Cellulose Nanocrystals Reinforcing Maleic Anhydride Grafted PLA. ACS Applied Materials & Interfaces, 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. Chemical Engineering Journal, 2014, 251, 17-24.	12.7	290
4	Application of rod-shaped cellulose nanocrystals in polyacrylamide hydrogels. Journal of Colloid and Interface Science, 2011, 353, 116-123.	9.4	256
5	Electrospun Polyethylene Oxide/Cellulose Nanocrystal Composite Nanofibrous Mats with Homogeneous and Heterogeneous Microstructures. Biomacromolecules, 2011, 12, 2617-2625.	5.4	255
6	Effect of high-pressure homogenization on particle size and film properties of soy protein isolate. Industrial Crops and Products, 2013, 43, 538-544.	5.2	246
7	A novel polyacrylamide nanocomposite hydrogel reinforced with natural chitosan nanofibers. Colloids and Surfaces B: Biointerfaces, 2011, 84, 155-162.	5.0	215
8	Comparative properties of cellulose nano-crystals from native and mercerized cotton fibers. Cellulose, 2012, 19, 1173-1187.	4.9	192
9	Mechanical properties and in vitro degradation of electrospun bio-nanocomposite mats from PLA and cellulose nanocrystals. Carbohydrate Polymers, 2012, 90, 301-308.	10.2	188
10	Characterization of cellulose II nanoparticles regenerated from 1-butyl-3-methylimidazolium chloride. Carbohydrate Polymers, 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. Polymer, 2008, 49, 2520-2530.	3.8	85
12	Enhanced conductivity in polybenzoxazoles doped with carboxylated multi-walled carbon nanotubes. Carbon, 2008, 46, 1232-1240.	10.3	68
13	Dynamic rheology studies of in situ polymerization process of polyacrylamideâ€“cellulose nanocrystal composite hydrogels. Colloid and Polymer Science, 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. Carbohydrate Polymers, 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. Journal of Hazardous Materials, 2013, 263, 334-341.	12.4	59
16	Morphology and electromagnetic interference shielding effects of SiC coated carbon short fibers. Journal of Materials Chemistry C, 2015, 3, 9684-9694.	5.5	50
17	Synthesis and solution properties of novel comb-shaped acrylamide copolymers. Polymer Bulletin, 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 ultrahighâ€molecularâ€weight polyethylene/SiO₂ nanocomposite fibers. Polymer Composites, 2010, 31, 684-690.	4.6	15
20	In situ polymerization and photophysical properties of poly(pâ€phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (b 124, 4740-4746.	2.6	12
21	A Simple Modification Method of Multiwalled Carbon Nanotube with Polyhydroxyamide. Chemistry Letters, 2008, 37, 254-255.	1.3	9
22	Sliding Friction Behaviors of Poly (pâ€Phenylene Benzobisoxazole) (PBO) Film under Different Conditions. Journal of Macromolecular Science - Physics, 2008, 47, 723-734.	1.0	3
23	Synthesis and properties of polybenzazoles containing flexible methylene in backbone. Frontiers of Chemical Engineering in China, 2008, 2, 412-416.	0.6	0