Zhang Cunzhi

List of Publications by Year
in descending order

15	510	687363 13	996975 15
papers	citations	h-index	g-index

15	15	15	462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sustainable hydrothermal self-assembly of hafniumâ€“lignosulfonate nanohybrids for highly efficient reductive upgrading of 5-hydroxymethylfurfural. Green Chemistry, 2019, 21, 1421-1431.	9.0	78
2	The removal of heavy metal ions from aqueous solutions by amine functionalized cellulose pretreated with microwave-H₂O₂. RSC Advances, 2017, 7, 34182-34191.	3.6	77
3	Highly stretchable, transparent and conductive double-network ionic hydrogels for strain and pressure sensors with ultrahigh sensitivity. Journal of Materials Chemistry C, 2021, 9, 3635-3641.	5.5	59
4	PEI-grafted magnetic cellulose for Cr(VI) removal from aqueous solution. Cellulose, 2018, 25, 4757-4769.	4.9	54
5	Facile gelation of a fully polymeric conductive hydrogel activated by liquid metal nanoparticles. Journal of Materials Chemistry A, 2021, 9, 24539-24547.	10.3	47
6	Novel PEDOT dispersion by in-situ polymerization based on sulfated nanocellulose. Chemical Engineering Journal, 2021, 418, 129533.	12.7	32
7	Holocellulose Nanofibril-Assisted Intercalation and Stabilization of Ti₃C₂T_x MXene Inks for Multifunctional Sensing and EMI Shielding Applications. ACS Applied Materials & Interfaces, 2021, 13, 36221-36231.	8.0	30
8	Holocellulose nanofibrils assisted exfoliation to prepare MXene-based composite film with excellent electromagnetic interference shielding performance. Carbohydrate Polymers, 2021, 274, 118652.	10.2	23
9	Cellulose-based colorimetric sensor with N, S sites for Ag+ detection. International Journal of Biological Macromolecules, 2020, 163, 593-602.	7.5	21
10	Eco-Friendly Bioinspired Interface Design for High-Performance Cellulose Nanofibril/Carbon Nanotube Nanocomposites. ACS Applied Materials & Interfaces, 2020, 12, 55527-55535.	8.0	21
11	Lithium Bonds Enable Small Biomass Moleculeâ€Based Ionoelastomers with Multiple Functions for Soft Intelligent Electronics. Small, 2022, 18, e2200421.	10.0	18
12	High strength holocellulose paper from bamboo as biodegradable packaging tape. Carbohydrate Polymers, 2022, 283, 119151.	10.2	16
13	Highly Strong and Transparent Ionic Conductive Hydrogel as Multifunctional Sensors. Macromolecular Materials and Engineering, 2020, 305, 2000475.	3.6	15
14	Facile preparation of lignin-containing cellulose nanofibrils from sugarcane bagasse by mild soda-oxygen pulping. Carbohydrate Polymers, 2022, 290, 119480.	10.2	13
15	Fabrication of tailored carboxymethyl-functionalized cellulose nanofibers via chemo-mechanical process from waste cotton textile. Cellulose, 2021, 28, 7663-7673.	4.9	6