Lihong Geng

List of Publications by Year
in descending order

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		623734	713466
22	815	14	21
papers	citations	h-index	g-index

22	22	22	1128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanocellulose from Spinifex as an Effective Adsorbent to Remove Cadmium(II) from Water. ACS Sustainable Chemistry and Engineering, 2018, 6, 3279-3290.	6.7	138
2	Characterization of Nanocellulose Using Small-Angle Neutron, X-ray, and Dynamic Light Scattering Techniques. Journal of Physical Chemistry B, 2017, 121, 1340-1351.	2.6	112
3	Understanding the Mechanistic Behavior of Highly Charged Cellulose Nanofibers in Aqueous Systems. Macromolecules, 2018, 51, 1498-1506.	4.8	92
4	Superior Impact Toughness and Excellent Storage Modulus of Poly(lactic acid) Foams Reinforced by Shish-Kebab Nanoporous Structure. ACS Applied Materials & Interfaces, 2017, 9, 21071-21076.	8.0	69
5	Lead removal from water using carboxycellulose nanofibers prepared by nitro-oxidation method. Cellulose, 2018, 25, 1961-1973.	4.9	69
6	Structure characterization of cellulose nanofiber hydrogel as functions of concentration and ionic strength. Cellulose, 2017, 24, 5417-5429.	4.9	59
7	Muscle-inspired double-network hydrogels with robust mechanical property, biocompatibility and ionic conductivity. Carbohydrate Polymers, 2021, 262, 117936.	10.2	43
8	Strength and modulus improvement of wet-spun cellulose I filaments by sequential physical and chemical cross-linking. Materials and Design, 2017, 136, 45-53.	7.0	33
9	Fibrous form-stable phase change materials with high thermal conductivity fabricated by interfacial polyelectrolyte complex spinning. Carbohydrate Polymers, 2020, 249, 116836.	10.2	30
10	Hierarchical Assembly of Nanocellulose into Filaments by Flow-Assisted Alignment and Interfacial Complexation: Conquering the Conflicts between Strength and Toughness. ACS Applied Materials & Interfaces, 2020, 12, 32090-32098.	8.0	29
11	Highly Strong and Conductive Carbon Fibers Originated from Bioinspired Lignin/Nanocellulose Precursors Obtained by Flow-Assisted Alignment and In Situ Interfacial Complexation. ACS Sustainable Chemistry and Engineering, 2021, 9, 2591-2599.	6.7	24
12	Superior strength and toughness of graphene/chitosan fibers reinforced by interfacial complexation. Composites Science and Technology, 2020, 194, 108174.	7.8	21
13	Constructing acid-resistant chitosan/cellulose nanofibrils composite membrane for the adsorption of methylene blue. Journal of Environmental Chemical Engineering, 2022, 10, 107754.	6.7	21
14	Structural characterization of carboxyl cellulose nanofibers extracted from underutilized sources. Science China Technological Sciences, 2019, 62, 971-981.	4.0	18
15	Highly strong and sensitive bilayer hydrogel actuators enhanced by cross-oriented nanocellulose networks. Composites Science and Technology, 2022, 225, 109494.	7.8	16
16	Rheological Properties of Jute-Based Cellulose Nanofibers under Different Ionic Conditions. ACS Symposium Series, 2017, , 113-132.	0.5	8
17	Interfacial polyelectrolyte complexation spinning of graphene/cellulose nanofibrils for fiber-shaped electrodes. Journal of Materials Research, 2020, 35, 122-131.	2.6	8
18	Sequentially Bridged Graphene Sheets for Highâ€Performance Anticorrosion. Advanced Materials Interfaces, 2021, 8, 2100452.	3.7	8

#	Article	IF	Citations
19	The effect of polytetrafluoroethylene particle size on the properties of biodegradable poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlo	3.3	7
20	Structure and morphology of thermoplastic polyamide 6 elastomers with different soft segment content and their foaming behavior using supercritical<scp>CO₂</scp>. Polymer Engineering and Science, 2022, 62, 103-115.	3.1	5
21	Supercritical Fluids-Assisted Processing Using CO2 Foaming to Enhance the Dispersion of Nanofillers in Poly(butylene succinate)-Based Nanocomposites and the Conductivity. Journal of Polymers and the Environment, 2022, 30, 3063-3077.	5.0	4
22	Interfacial Polyelectrolyte Complexation Spinning of Cellulose Nanofibers/CdTe Quantum Dots for Anti-counterfeiting Fluorescent Textiles. Fibers and Polymers, 0, , 1.	2.1	1