

# Xingye An

## List of Publications by Year in Descending Order

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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.

35  
papers

964  
citations

18  
h-index

30  
g-index

36  
ext. papers

1,310  
ext. citations

8.2  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
35	Nanoglignin filled conductive hydrogel with improved mechanical, anti-freezing, UV-shielding and transparent properties for strain sensing application.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 205, 442-451	7.9	4
34	Isolation and utilization of tobacco-based cellulose nanofiber (TCNF) for high performance reconstructed tobacco sheet (RTS). <i>Carbohydrate Polymers</i> , <b>2021</b> , 261, 117865	10.3	3
33	Construction of nanocellulose-based composite hydrogel with a double packing structure as an intelligent drug carrier. <i>Cellulose</i> , <b>2021</b> , 28, 6953-6966	5.5	4
32	Chitin nanofibers as versatile bio-templates of zeolitic imidazolate frameworks for N-doped hierarchically porous carbon electrodes for supercapacitor. <i>Carbohydrate Polymers</i> , <b>2021</b> , 251, 117107	10.3	21
31	Facile preparation of lignosulfonate induced silver nanoparticles for high efficient removal of organic contaminants in wastewater. <i>Industrial Crops and Products</i> , <b>2021</b> , 169, 113644	5.9	1
30	A thin and flexible solid electrolyte templated by controllable porous nanocomposites toward extremely high performance all-solid-state lithium-ion batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 425, 130632	14.7	6
29	Improving sizing performance of middle layer of liquid packaging board containing high-yield pulp. <i>Cellulose</i> , <b>2020</b> , 27, 4707-4719	5.5	1
28	Chitin nano-crystals/sodium lignosulfonate/Ag NPs nanocomposites: a potent and green catalyst for efficient removal of organic contaminants. <i>Cellulose</i> , <b>2020</b> , 27, 5071-5087	5.5	16
27	Ball milling pretreatment facilitating $\alpha$ -amylase hydrolysis for production of starch-based bio-latex with high performance. <i>Carbohydrate Polymers</i> , <b>2020</b> , 242, 116384	10.3	6
26	Improving the flexibility of bamboo mechanical pulp fibers for production of high soft tissue handsheets. <i>Industrial Crops and Products</i> , <b>2020</b> , 150, 112410	5.9	9
25	Cationic cellulose nano-fibers (CCNF) as versatile flocculants of wood pulp for high wet web performance. <i>Carbohydrate Polymers</i> , <b>2020</b> , 229, 115434	10.3	13
24	Houttuynia-derived nitrogen-doped hierarchically porous carbon for high-performance supercapacitor. <i>Carbon</i> , <b>2020</b> , 161, 62-70	10.4	123
23	Facile isolation of colloidal stable chitin nano-crystals from <i>Metapenaeus ensis</i> shell via solid maleic acid hydrolysis and their application for synthesis of silver nanoparticles. <i>Cellulose</i> , <b>2020</b> , 27, 9853-9875	5.5	6
22	A three dimensional interconnected Li <sub>7</sub> La <sub>3</sub> Zr <sub>2</sub> O <sub>12</sub> framework composite solid electrolyte utilizing lignosulfonate/ cellulose nanofiber bio-template for high performance lithium ion batteries. <i>Journal of Power Sources</i> , <b>2020</b> , 477, 228752	8.9	8
21	Preparation and characterization of high yield cellulose nanocrystals (CNC) derived from ball mill pretreatment and maleic acid hydrolysis. <i>Carbohydrate Polymers</i> , <b>2020</b> , 234, 115942	10.3	70
20	Cellulose, hemicellulose, lignin, and their derivatives as multi-components of bio-based feedstocks for 3D printing. <i>Carbohydrate Polymers</i> , <b>2020</b> , 250, 116881	10.3	33
19	Cationic cellulose nanofibers as sustainable flocculant and retention aid for reconstituted tobacco sheet with high performance. <i>Carbohydrate Polymers</i> , <b>2019</b> , 210, 372-378	10.3	10

18	Study on the wet-web strength and pressability of paper sheet during the press process with the addition of nano-fibrillated cellulose (NFC). <i>Carbohydrate Polymers</i> , <b>2019</b> , 210, 332-338	10.3	11
17	Improving dispersion stability of hydrochloric acid hydrolyzed cellulose nano-crystals. <i>Carbohydrate Polymers</i> , <b>2019</b> , 222, 115037	10.3	21
16	Chitosan-based Polymer Matrix for Pharmaceutical Excipients and Drug Delivery. <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 2502-2513	4.3	18
15	Cellulose nanofiber (CNF) as a versatile filler for the preparation of bamboo pulp based tissue paper handsheets. <i>Cellulose</i> , <b>2019</b> , 26, 2613-2624	5.5	33
14	Using cationic nanofibrillated cellulose to increase the precipitated calcium carbonate retention and physical properties during reconstituted tobacco sheet preparation. <i>Industrial Crops and Products</i> , <b>2019</b> , 130, 592-597	5.9	6
13	Nanofibrillated Cellulose (NFC) as a Pore Size Mediator in the Preparation of Thermally Resistant Separators for Lithium Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 4838-4844	8.3	38
12	Aqueous Dispersion of Carbon Fibers and Expanded Graphite Stabilized from the Addition of Cellulose Nanocrystals to Produce Highly Conductive Cellulose Composites. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 3291-3298	8.3	25
11	Robust Guar Gum/Cellulose Nanofibrils Multilayer Films with Good Barrier Properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 5477-5485	9.5	94
10	Synthesis of nano-fibrillated cellulose/magnetite/titanium dioxide (NFC@Fe <sub>3</sub> O <sub>4</sub> @TNP) nanocomposites and their application in the photocatalytic hydrogen generation. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 206, 53-64	21.8	62
9	Oil/water interfaces of guar gum-based biopolymer hydrogels and application to their separation. <i>Carbohydrate Polymers</i> , <b>2017</b> , 169, 9-15	10.3	50
8	Anchoring 20(R)-Ginsenoside Rg3 onto Cellulose Nanocrystals To Increase the Hydroxyl Radical Scavenging Activity. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 7507-7513	8.3	20
7	Cellulose nanocrystal/hexadecyltrimethylammonium bromide/silver nanoparticle composite as a catalyst for reduction of 4-nitrophenol. <i>Carbohydrate Polymers</i> , <b>2017</b> , 156, 253-258	10.3	84
6	Silver nanoparticles-containing dual-function hydrogels based on a guar gum-sodium borohydride system. <i>Scientific Reports</i> , <b>2016</b> , 6, 36497	4.9	32
5	TEMPO-oxidized cellulose nanofibers (TOCNs) as a green reinforcement for waterborne polyurethane coating (WPU) on wood. <i>Carbohydrate Polymers</i> , <b>2016</b> , 151, 326-334	10.3	65
4	Preparation of cellulose nano-crystals through a sequential process of cellulase pretreatment and acid hydrolysis. <i>Cellulose</i> , <b>2016</b> , 23, 2409-2420	5.5	35
3	Nano-fibrillated cellulose (NFC) as versatile carriers of TiO <sub>2</sub> nanoparticles (TNPs) for photocatalytic hydrogen generation. <i>RSC Advances</i> , <b>2016</b> , 6, 89457-89466	3.7	23
2	Anionic trash control in high-yield pulp (HYP) containing furnish by using a poly-DADMAC based commercial formulation. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 4452-4456	6.3	5
1	Synthesis of metal-organic-frameworks on polydopamine modified cellulose nanofibril hydrogels: constructing versatile vehicles for hydrophobic drug delivery. <i>Cellulose</i> , <b>2014</b> , 1, 1-10	5.5	6

