

# Huayu Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9986519/publications.pdf>

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14  
papers

1,699  
citations

758635

12  
h-index

1058022

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

683  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulose Nanomaterials for Oil Exploration Applications. <i>Polymer Reviews</i> , 2022, 62, 585-625.	5.3	63
2	Compressible cellulose nanofibrils/reduced graphene oxide composite carbon aerogel for solid-state supercapacitor. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1168-1179.	9.9	100
3	Multifunctional Superelastic, Superhydrophilic, and Ultralight Nanocellulose-Based Composite Carbon Aerogels for Compressive Supercapacitor and Strain Sensor. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	199
4	Recent advances in cellulose and its derivatives for oilfield applications. <i>Carbohydrate Polymers</i> , 2021, 259, 117740.	5.1	229
5	Lignin-based electrodes for energy storage application. <i>Industrial Crops and Products</i> , 2021, 165, 113425.	2.5	157
6	Sustainable preparation of bifunctional cellulose nanocrystals via mixed H <sub>2</sub> SO <sub>4</sub> /formic acid hydrolysis. <i>Carbohydrate Polymers</i> , 2021, 266, 118107.	5.1	86
7	An efficient and magnetic adsorbent prepared in a dry process with enzymatic hydrolysis residues for wastewater treatment. <i>Journal of Cleaner Production</i> , 2021, 313, 127834.	4.6	43
8	Sustainable preparation of cellulose nanofibrils via choline chloride-citric acid deep eutectic solvent pretreatment combined with high-pressure homogenization. <i>Carbohydrate Polymers</i> , 2021, 267, 118220.	5.1	99
9	Cellulose based composite foams and aerogels for advanced energy storage devices. <i>Chemical Engineering Journal</i> , 2021, 426, 130817.	6.6	170
10	Lignin-containing cellulose nanomaterials: preparation and applications. <i>Green Chemistry</i> , 2021, 23, 9723-9746.	4.6	159
11	Progress in Prevention, Diagnosis, and Treatment of Periprosthetic Joint Infection. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-7.	0.5	4
12	Secondary Metabolites from Stem Barks of <i>Catalpa bungei</i> . <i>Chemistry of Natural Compounds</i> , 2021, 57, 1111-1113.	0.2	1
13	Highly Efficient and Sustainable Preparation of Carboxylic and Thermostable Cellulose Nanocrystals via FeCl <sub>3</sub> -Catalyzed Innocuous Citric Acid Hydrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16691-16700.	3.2	96
14	Bacterial Cellulose-Based Composite Scaffolds for Biomedical Applications: A Review. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7536-7562.	3.2	293