

# Yadong Wu

## List of Publications by Year in descending order

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24  
papers

591  
citations

686830

13  
h-index

642321

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

844  
citing authors

#	ARTICLE	IF	CITATIONS
1	Symbiosis-inspired de novo synthesis of ultrahigh MOF growth mixed matrix membranes for sustainable carbon capture. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	99
2	Biodegradable N, O-carboxymethyl chitosan/oxidized regenerated cellulose composite gauze as a barrier for preventing postoperative adhesion. Carbohydrate Polymers, 2019, 207, 180-190.	5.1	70
3	Preparation of pH-responsive mesoporous hydroxyapatite nanoparticles for intracellular controlled release of an anticancer drug. Biomaterials Science, 2016, 4, 272-280.	2.6	68
4	A new insight to the effect of calcium concentration on gelation process and physical properties of alginate films. Journal of Materials Science, 2016, 51, 5791-5801.	1.7	54
5	Oxidized regenerated cellulose-based hemostat with microscopically gradient structure. Carbohydrate Polymers, 2012, 88, 1023-1032.	5.1	51
6	Facile and simple fabrication of strong, transparent and flexible aramid nanofibers/bacterial cellulose nanocomposite membranes. Composites Science and Technology, 2018, 159, 70-76.	3.8	38
7	Preparation and characterization of oxidized regenerated cellulose film for hemostasis and the effect of blood on its surface. Cellulose, 2013, 20, 2547-2558.	2.4	34
8	Facile synthesis of a carbon dots and silver nanoparticles (CDs/AgNPs) composite for antibacterial application. RSC Advances, 2021, 11, 18417-18422.	1.7	29
9	Preparation of the water-soluble chitosan-coated oxidized regenerated cellulose gauze. Cellulose, 2011, 18, 1651-1659.	2.4	23
10	Comparative Evaluation of Biological Performance, Biosecurity, and Availability of Cellulose-Based Absorbable Hemostats. Clinical and Applied Thrombosis/Hemostasis, 2018, 24, 566-574.	0.7	20
11	High strength, thermostable and fast-drying hybrid transparent membranes with POSS nanoparticles aligned on aramid nanofibers. Composites Part A: Applied Science and Manufacturing, 2018, 110, 154-161.	3.8	19
12	The effect of different surface treatment methods on the physical, chemical and biological performances of a PGA scaffold. RSC Advances, 2019, 9, 20174-20184.	1.7	17
13	Aramid nanofibers/Bacterial cellulose nanocomposite aerogels for high-efficient cationic dye removal. Materials Chemistry and Physics, 2021, 272, 124985.	2.0	16
14	The preparation and characterization of a carbon fiber-reinforced epoxy resin and EPDM composite using the co-curing method. RSC Advances, 2020, 10, 20588-20594.	1.7	9
15	Low-work-function LaB6 for realizing photodynamic-enhanced photothermal therapy. Journal of Materials Chemistry B, 2021, 9, 4380-4389.	2.9	8
16	Facile fabrication and performance comparison of aramid nanofiber membrane formed by water or ethanol. Polymer Composites, 2019, 40, 2534-2538.	2.3	7
17	Study of the degradation mechanisms of oxidized Cellulose-Derivative hemostatic agent by using model compound. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 580-591.	1.9	6
18	Fabrication of a graphene oxide/nanoscale aramid fiber composite membrane with improved hydrophilicity and mechanical strength via a fast-drying method using absolute ethanol as proton donor. Journal of Materials Science, 2018, 53, 16383-16392.	1.7	5

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19	Fabrication, characterization and biocompatibility of collagen/oxidized regenerated cellulose-Ca composite scaffold for carrying Schwann cells. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 1195-1203.	3.6	4
20	Synthesis of aramid nanoscale fiber-based nanocomposite with transparency, flexibility, and selective adsorption capability. <i>Polymers for Advanced Technologies</i> , 2021, 32, 2476-2486.	1.6	4
21	Body-clearable chromium nitride for synergetic photothermal and photodynamic treatment. <i>New Journal of Chemistry</i> , 2020, 44, 20039-20046.	1.4	4
22	Insights into the Prospective Aerogel Scaffolds Composed of Chitosan/Aramid Nanofibers for Tissue Engineering. <i>ACS Applied Polymer Materials</i> , 2022, 4, 4643-4652.	2.0	3
23	Preparation and properties study of polylactic acid/bacterial cellulose composite scaffolds by solvent removal. <i>Journal of Materials Research</i> , 0, , .	1.2	2
24	Novel synthesis of high-molecular-weight prepolymer of poly(p-phenylene benzoxazole) in ionic liquids. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1727-1732.	1.6	1