

Weili Hu

List of Publications by Year in descending order

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14
papers

1,829
citations

623188

14
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

2677
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized bacterial cellulose derivatives and nanocomposites. Carbohydrate Polymers, 2014, 101, 1043-1060.	5.1	354
2	Flexible Electrically Conductive Nanocomposite Membrane Based on Bacterial Cellulose and Polyaniline. Journal of Physical Chemistry B, 2011, 115, 8453-8457.	1.2	294
3	Adsorption of Cu(II) and Pb(II) onto diethylenetriamine-bacterial cellulose. Carbohydrate Polymers, 2009, 75, 110-114.	5.1	254
4	In situ synthesis of silver chloride nanoparticles into bacterial cellulose membranes. Materials Science and Engineering C, 2009, 29, 1216-1219.	3.8	149
5	In situ synthesis of CdS nanoparticles on bacterial cellulose nanofibers. Carbohydrate Polymers, 2009, 76, 509-512.	5.1	145
6	Solvent-free acetylation of bacterial cellulose under moderate conditions. Carbohydrate Polymers, 2011, 83, 1575-1581.	5.1	114
7	Formaldehyde sensors based on nanofibrous polyethyleneimine/bacterial cellulose membranes coated quartz crystal microbalance. Sensors and Actuators B: Chemical, 2011, 157, 554-559.	4.0	91
8	Facile synthesis of ZnO nanoparticles based on bacterial cellulose. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 170, 88-92.	1.7	79
9	Polyol mediated synthesis of ZnO nanoparticles templated by bacterial cellulose. Carbohydrate Polymers, 2013, 92, 1953-1959.	5.1	70
10	Highly stable and sensitive humidity sensors based on quartz crystal microbalance coated with bacterial cellulose membrane. Sensors and Actuators B: Chemical, 2011, 159, 301-306.	4.0	69
11	Facile fabrication of flexible magnetic nanohybrid membrane with amphiphobic surface based on bacterial cellulose. Carbohydrate Polymers, 2011, 86, 1760-1767.	5.1	63
12	Flexible luminescent CdSe/bacterial cellulose nanocomposite membranes. Carbohydrate Polymers, 2012, 88, 173-178.	5.1	63
13	Preparation and properties of photochromic bacterial cellulose nanofibrous membranes. Cellulose, 2011, 18, 655-661.	2.4	60
14	Preparation of amidoximated bacterial cellulose and its adsorption mechanism for Cu ²⁺ and Pb ²⁺ . Journal of Applied Polymer Science, 2010, 117, 8-15.	1.3	24