

Hong Dong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2652260/publications.pdf>

Version: 2024-02-01

13
papers

1,057
citations

1040056

9
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1723
citing authors

#	ARTICLE	IF	CITATIONS
1	Cation-Induced Hydrogels of Cellulose Nanofibrils with Tunable Moduli. <i>Biomacromolecules</i> , 2013, 14, 3338-3345.	5.4	303
2	Boosted Oxygen Evolution Reactivity by Igniting Double Exchange Interaction in Spinel Oxides. <i>Journal of the American Chemical Society</i> , 2020, 142, 50-54.	13.7	199
3	Hydrogel, aerogel and film of cellulose nanofibrils functionalized with silver nanoparticles. <i>Carbohydrate Polymers</i> , 2013, 95, 760-767.	10.2	173
4	Assembly of Metal Nanoparticles on Electrospun Nylon 6 Nanofibers by Control of Interfacial Hydrogen-Bonding Interactions. <i>Chemistry of Materials</i> , 2008, 20, 6627-6632.	6.7	167
5	Highly Transparent and Toughened Poly(methyl methacrylate) Nanocomposite Films Containing Networks of Cellulose Nanofibrils. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25464-25472.	8.0	63
6	Bioelectronic control of a microbial community using surface-assembled electrogenetic cells to route signals. <i>Nature Nanotechnology</i> , 2021, 16, 688-697.	31.5	56
7	Distorted Inverse Spinel Nickel Cobaltite Grown on a MoS ₂ Plate for Significantly Improved Water Splitting Activity. <i>Chemistry of Materials</i> , 2019, 31, 7590-7600.	6.7	42
8	Living Bacteria-“Nanoparticle Hybrids Mediated through Surface-Displayed Peptides. <i>Langmuir</i> , 2018, 34, 5837-5848.	3.5	23
9	Cellulose Nanofibrils and Diblock Copolymer Complex: Micelle Formation and Enhanced Dispersibility. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1264-1271.	6.7	12
10	Peptide-mediated binding of gold nanoparticles to <i>E. coli</i> for enhanced microbial fuel cell power generation. <i>MRS Communications</i> , 2019, 9, 904-909.	1.8	6
11	Direct conjugation of fluorescent quantum dots with <i>E. coli</i> via surface-displayed histidine-containing peptides. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111730.	5.0	6
12	Biofunctionalized Cellulose Nanofibrils Capable of Capture and Antiadhesion of Fimbriated <i>Escherichia coli</i> . <i>ACS Applied Bio Materials</i> , 2019, 2, 2937-2945.	4.6	4
13	Investigation of engineered bacterial adhesins for opportunity to interface cells with abiotic materials. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3