

Baochun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

731
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

1369
citing authors

#	ARTICLE	IF	CITATIONS
1	Nacre-mimetics with synthetic nanoclays up to ultrahigh aspect ratios. Nature Communications, 2015, 6, 5967.	12.8	252
2	Self-Assembled, Iridescent, Crustacean-Mimetic Nanocomposites with Tailored Periodicity and Layered Cuticular Structure. ACS Nano, 2015, 9, 10637-10646.	14.6	166
3	Aligned Bioinspired Cellulose Nanocrystal-Based Nanocomposites with Synergetic Mechanical Properties and Improved Hygromechanical Performance. ACS Applied Materials & Interfaces, 2015, 7, 4595-4607.	8.0	99
4	Improving the mechanical properties of cellulose diacetate fibers via using an ionic liquid as processing solvent. RSC Advances, 2016, 6, 1-7.	3.6	87
5	Supramolecular Engineering of Hierarchically Self-Assembled, Bioinspired, Cholesteric Nanocomposites Formed by Cellulose Nanocrystals and Polymers. ACS Applied Materials & Interfaces, 2016, 8, 11031-11040.	8.0	71
6	Bioinspired Mechanical Gradients in Cellulose Nanofibril/Polymer Nanopapers. Angewandte Chemie - International Edition, 2016, 55, 5966-5970.	13.8	56