

Christoph Bohr

List of Publications by Year in descending order

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12
papers

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1040056

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203
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#	ARTICLE	IF	CITATIONS
1	3D Printing of Antibacterial, Biocompatible, and Biomimetic Hybrid Aerogel-Based Scaffolds with Hierarchical Porosities via Integrating Antibacterial Peptide-Modified Silk Fibroin with Silica Nanostructure. ACS Biomaterials Science and Engineering, 2021, 7, 4545-4556.	5.2	36
2	From 1D electrospun nanofibers to advanced multifunctional fibrous 3D aerogels. Applied Materials Today, 2021, 22, 100964.	4.3	33
3	Concerted Ion Migration and Diffusion-Induced Degradation in Lead-Free Ag_3Bi_6 Rudorffite Solar Cells under Ambient Conditions. Solar Rrl, 2021, 5, 2100077.	5.8	28
4	Single- or double A-site cations in $\text{A}_3\text{Bi}_2\text{I}_9$ bismuth perovskites: What is the suitable choice?. Journal of Materials Research, 2021, 36, 1794-1804.	2.6	20
5	Hierarchically Organized Biomimetic Architected Silk Fibroin-Ceramic-Based Anisotropic Hybrid Aerogels for Thermal Energy Management. Biomacromolecules, 2021, 22, 1739-1751.	5.4	16
6	Li and Ta-modified KNN piezoceramic fibers for vibrational energy harvesters. Journal of the European Ceramic Society, 2021, 41, 7662-7669.	5.7	16
7	Inorganic Nanofibers by Electrospinning Techniques and Their Application in Energy Conversion and Storage Systems. Semiconductors and Semimetals, 2018, 98, 1-70.	0.7	15
8	Electrospun Hybrid Perovskite Fibers-Flexible Networks of One-Dimensional Semiconductors for Light-Harvesting Applications. ACS Applied Materials & Interfaces, 2019, 11, 25163-25169.	8.0	15
9	Atomic scale growth of GdFeO_3 perovskite thin films. Thin Solid Films, 2020, 698, 137848.	1.8	13
10	High-Temperature Ultrahydrophobic Ceramic Coatings from Surface-Functionalized MgAl_2O_4 Nanoparticles. Advanced Engineering Materials, 2021, 23, 2000738.	3.5	8
11	A novel molecular synthesis route to Li_2S loaded carbon fibers for lithium-sulfur batteries. Journal of Materials Chemistry A, 2022, 10, 9902-9910.	10.3	8
12	Triaxial Perovskite Composite Fibers Spinning the Way to Flexible Solar Cells. Advanced Engineering Materials, 2022, 24, 2100773.	3.5	6