

Fan Hu

List of Publications by Year in descending order

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15
papers

595
citations

933264

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h-index

996849

15
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16
docs citations

16
times ranked

894
citing authors

#	ARTICLE	IF	CITATIONS
1	Silk Composite Electronic Textile Sensor for High Space Precision 2D Combo Temperature&Pressure Sensing. <i>Small</i> , 2019, 15, e1901558.	5.2	184
2	Topotactically synthesized ultralong LiV3O8 nanowire cathode materials for high-rate and long-life rechargeable lithium batteries. <i>NPG Asia Materials</i> , 2012, 4, e20-e20.	3.8	91
3	Hierarchical Structure of Silk Materials Versus Mechanical Performance and Mesoscopic Engineering Principles. <i>Small</i> , 2019, 15, e1903948.	5.2	82
4	Construction of White&Light&Emitting Silk Protein Hybrid Films by Molecular Recognized Assembly among Hierarchical Structures. <i>Advanced Functional Materials</i> , 2014, 24, 5284-5290.	7.8	58
5	New Silk Road: From Mesoscopic Reconstruction/Functionalization to Flexible Meso&Electronics/Photonics Based on Cocoon Silk Materials. <i>Advanced Materials</i> , 2021, 33, e2005910.	11.1	45
6	Fabrication of Crack-Free Photonic Crystal Films on Superhydrophobic Nanopin Surface. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22037-22041.	4.0	29
7	Interplay between Light and Functionalized Silk Fibroin and Applications. <i>IScience</i> , 2020, 23, 101035.	1.9	29
8	Primary and Secondary Mesoscopic Hybrid Materials of Au Nanoparticles@Silk Fibroin and Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30125-30136.	4.0	18
9	Gel-Based Artificial Photonic Skin to Sense a Gentle Touch by Reflection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15195-15200.	4.0	15
10	Silk Fluorescence Collimator for Ultrasensitive Humidity Sensing and Light&Harvesting in Semitransparent Dye&Sensitized Solar Cells. <i>Small</i> , 2019, 15, 1804171.	5.2	12
11	Subcutaneous Energy/Signal Transmission Based on Silk Fibroin Up-Conversion Photonic Amplification. <i>ACS Nano</i> , 2021, 15, 9559-9567.	7.3	12
12	Silk Nanococoons: Bio&Nanoreactors for Enzymatic Catalytic Reactions and Applications to Alcohol Intoxication. <i>Small Science</i> , 2021, 1, 2000049.	5.8	11
13	Silk Materials: Hierarchical Structure of Silk Materials Versus Mechanical Performance and Mesoscopic Engineering Principles (Small 51/2019). <i>Small</i> , 2019, 15, 1970280.	5.2	1
14	Strain Sensors: Meso&Reconstruction of Wool Keratin 3D &Molecular Springs&for Tunable Ultra&Sensitive and Highly Recovery Strain Sensors (Small 24/2020). <i>Small</i> , 2020, 16, 2070136.	5.2	1
15	Fluorescence: Silk Fluorescence Collimator for Ultrasensitive Humidity Sensing and Light&Harvesting in Semitransparent Dye&Sensitized Solar Cells (Small 13/2019). <i>Small</i> , 2019, 15, 1970069.	5.2	0