

Francesco D'Acierno

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Degradation of Cellulose Filaments and Nanocrystals. <i>Biomacromolecules</i> , 2020, 21, 3374-3386.	5.4	62
2	Tunable Diffraction Gratings from Biosourced Lyotropic Liquid Crystals. <i>Advanced Materials</i> , 2020, 32, e1907376.	21.0	45
3	Biotemplated Lightweight γ -Alumina Aerogels. <i>Chemistry of Materials</i> , 2018, 30, 1602-1609.	6.7	37
4	Post-modification of Cellulose Nanocrystal Aerogels with Thiol-ene Click Chemistry. <i>Biomacromolecules</i> , 2019, 20, 2779-2785.	5.4	28
5	Toward Biodegradable Electronics: Ionic Diodes Based on a Cellulose Nanocrystal-agarose Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52182-52191.	8.0	28
6	Thermal annealing of iridescent cellulose nanocrystal films. <i>Carbohydrate Polymers</i> , 2021, 272, 118468.	10.2	10
7	Manipulation of Liquid Crystalline Properties by Dynamic Covalent Chemistry—En Route to Adaptive Materials. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16755-16763.	8.0	8
8	Sustainable biochars from carbonization of cellulose filaments and nanocrystals. <i>Bioresource Technology Reports</i> , 2021, 16, 100838.	2.7	4
9	Manipulating the Self-assembly of Multicomponent Low Molecular Weight Gelators (LMWGs) through Molecular Design. <i>ChemPlusChem</i> , 2022, 87, e202200026.	2.8	4