

# Francesco D'Acierno

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6454997/publications.pdf>

Version: 2024-02-01

9  
papers

226  
citations

1307594  
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docs citations

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times ranked

248  
citing authors

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