

# Jinghua Jiang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11763033/publications.pdf>

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13  
papers

187  
citations

1163117

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1125743

13  
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all docs

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docs citations

13  
times ranked

175  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Selective scattering polymer dispersed liquid crystal film for light enhancement of organic light emitting diode. Optics Express, 2017, 25, 3327.   | 3.4 | 44        |
| 2  | Matched elastic constants for a perfect helical planar state and a fast switching time in chiral nematic liquid crystals. Soft Matter, 2016, 12, 4483-4488.                                   | 2.7 | 25        |
| 3  | Self-Assembly of Aqueous Soft Matter Patterned by Liquid-Crystal Polymer Networks for Controlling the Dynamics of Bacteria. ACS Applied Materials & Interfaces, 2020, 12, 13680-13685.        | 8.0 | 20        |
| 4  | Bipolar to toroidal configuration transition in liquid crystal droplets. Liquid Crystals, 2018, 45, 102-111.  | 2.2 | 18        |
| 5  | Controlled Dynamics of Neural Tumor Cells by Templated Liquid Crystalline Polymer Networks. Advanced Healthcare Materials, 2020, 9, e2000487.   | 7.6 | 17        |
| 6  | Active transformations of topological structures in light-driven nematic disclination networks. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 14        |
| 7  | Effect of biaxiality on chirality in chiral nematic liquid crystals. Soft Matter, 2018, 14, 6530-6536.  | 2.7 | 10        |
| 8  | Programmable Light-Driven Liquid Crystal Elastomer Kirigami with Controlled Molecular Orientations. Advanced Intelligent Systems, 2022, 4, .  | 6.1 | 9         |
| 9  | Photopatterning DNA Structures with Topological Defects and Arbitrary Patterns Through Multiple Length Scales. Physical Review Applied, 2020, 13, .   | 3.8 | 8         |
| 10 | Light-Actuated Liquid Crystal Elastomer Prepared by Projection Display. Materials, 2021, 14, 7245.  | 2.9 | 7         |
| 11 | Nematic Templated Complex Nanofiber Structures by Projection Display. ACS Applied Materials & Interfaces, 2022, 14, 7230-7240.  | 8.0 | 7         |
| 12 | Patterned waveguide liquid crystal displays. RSC Advances, 2020, 10, 41693-41702.   | 3.6 | 6         |
| 13 | 48-4: Selective Scattering of PDLC film and Its Application in OLED. Digest of Technical Papers SID International Symposium, 2017, 48, 727-730.   | 0.3 | 2         |