

Zhuohao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

706
citations

840776

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1281871

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g-index

11
all docs

11
docs citations

11
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired conductive cellulose liquid-crystal hydrogels as multifunctional electrical skins. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18310-18316.	7.1	177
2	Bioinspired Stretchable, Adhesive, and Conductive Structural Color Film for Visually Flexible Electronics. Advanced Functional Materials, 2020, 30, 2000151.	14.9	153
3	Bioinspired Bilayer Structural Color Hydrogel Actuator with Multienvironment Responsiveness and Survivability. Small Methods, 2019, 3, 1900519.	8.6	91
4	Cholesteric Cellulose Liquid Crystals with Multifunctional Structural Colors. Advanced Functional Materials, 2022, 32, 2107242.	14.9	61
5	Protein-Based Hybrid Responsive Microparticles for Wound Healing. ACS Applied Materials & Interfaces, 2021, 13, 18413-18422.	8.0	52
6	Bio-inspired angle-independent structural color films with anisotropic colloidal crystal array domains. Nano Research, 2019, 12, 1579-1584.	10.4	51
7	Bio-inspired shape-memory structural color hydrogel film. Science Bulletin, 2022, 67, 512-519.	9.0	38
8	Heart-on-chips screening based on photonic crystals. Bio-Design and Manufacturing, 2020, 3, 266-280.	7.7	25
9	Cholesteric cellulose liquid crystal ink for three-dimensional structural coloration. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	23
10	Butterfly inspired functional materials. Materials Science and Engineering Reports, 2021, 144, 100605.	31.8	20
11	Smart Film Actuators for Biomedical Applications. Small, 2022, 18, e2105116.	10.0	15