

# Xiaoyu Zhao

## List of Publications by Year in descending order

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18  
papers

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#	ARTICLE	IF	CITATIONS
1	Crosstalk-Free Patterning of Cooperative Thermoresponse Images by the Synergy of the AIEgen with the Liquid Crystal. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10066-10072.	13.8	56
2	Efficient 3D printing via photooxidation of ketocoumarin based photopolymerization. <i>Nature Communications</i> , 2021, 12, 2873.	12.8	41
3	Nanogap array of Au:Ag composite for surface-enhanced Raman scattering. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 461-467.	3.9	24
4	Visible light-triggered gel-to-sol transition in halogen-bond-based supramolecules. <i>Soft Matter</i> , 2019, 15, 6411-6417.	2.7	24
5	Au/Ag bimetal nanogap arrays with tunable morphologies for surface-enhanced Raman scattering. <i>RSC Advances</i> , 2015, 5, 7454-7460.	3.6	18
6	Design and synthesis of furyl/thieryl pyrroloquinolones based on natural alkaloid perlolyrine, lead to the discovery of potent and selective PDE5 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 30-38.	5.5	18
7	Effect of ketyl radical on the structure and performance of holographic polymer/liquid-crystal composites. <i>Science China Materials</i> , 2019, 62, 1921-1933.	6.3	17
8	Visible Light Rewritable and Long-Lived Colors in Cholesteric Liquid Crystals: A Facile Co-Doping Strategy. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900037.	3.9	17
9	Truxene-bridged Bodipy fullerene tetrads without precious metals: study of the energy transfer and application in triplet-triplet annihilation upconversion. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15839-15851.	5.5	15
10	Nanogaps in 2D Ag nanogap arrays for surface-enhanced Raman scattering. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 1666-1670.	2.5	14
11	Chirality-Enabled Liquid Crystalline Physical Gels with High Modulus but Low Driving Voltage. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 43184-43191.	8.0	13
12	Intrinsically Visible Light-Responsive Liquid Crystalline Physical Gels Driven by a Halogen Bond. <i>Langmuir</i> , 2020, 36, 11873-11879.	3.5	13
13	Selective catalytic reductive removal of NO <sub>x</sub> with decreased interference from SO <sub>2</sub> and H <sub>2</sub> O by use of Sm-modified Sm <sub>x</sub> Co <sub>0.05</sub> -xCe <sub>0.05</sub> Ti <sub>0.9</sub> O <sub>y</sub> catalysts. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 9-21.	9.4	12
14	PEG/Sodium Tripolyphosphate-Modified Chitosan/Activated Carbon Membrane for Rhodamine B Removal. <i>ACS Omega</i> , 2021, 6, 15885-15891.	3.5	10
15	Crosstalk-Free Patterning of Cooperative Thermoresponse Images by the Synergy of the AIEgen with the Liquid Crystal. <i>Angewandte Chemie</i> , 2020, 132, 10152-10158.	2.0	8
16	The electrochemical performance of the N-doped graphene aerogels and nickel foam composite electrode prepared by one-pot hydrothermal method. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 582-590.	2.1	6
17	Screening for proteins interacting with the perilipin-like protein CAP20 by a yeast two-hybrid system and identification of a protein kinase a catalytic subunit as an interacting protein in <i>Colletotrichum siamense</i> . <i>European Journal of Plant Pathology</i> , 2020, 156, 971-977.	1.7	2
18	Reduced operating voltage in nanotube-shaped Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> unites by nanosphere lithography. <i>Crystal Research and Technology</i> , 2015, 50, 160-163.	1.3	0