

# Jiyu Fang

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,466  
citations

218381

26  
h-index

360668

35  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid-crystalline ordering of davydov-split aggregates of cyanine dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 642, 128713.	2.3	2
2	Targeting the resolution pathway of inflammation using Ac26 peptide-loaded PEGylated lipid nanoparticles for the remission of rheumatoid arthritis. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 483-493.	4.3	10
3	Dual-Stimuli Responsive Polymeric Micelles for the Effective Treatment of Rheumatoid Arthritis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 21076-21086.	4.0	40
4	Nanomedicines for the treatment of rheumatoid arthritis: State of art and potential therapeutic strategies. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1158-1174.	5.7	55
5	Fluorescent H-Aggregate Vesicles and Tubes of a Cyanine Dye and Their Potential as Light-Harvesting Antennae. <i>Journal of Physical Chemistry B</i> , 2021, 125, 7911-7918.	1.2	7
6	Injectable Micelle-Incorporated Hydrogels for the Localized Chemo-Immunotherapy of Breast Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 46270-46281.	4.0	11
7	Colorimetric Detection of Dopamine with J-Aggregate Nanotube-Integrated Hydrogel Thin Films. <i>ACS Omega</i> , 2020, 5, 18198-18204.	1.6	14
8	PLA <sub>2</sub> -Triggered Release of Drugs from Self-Assembled Lipid Tubules for Arthritis Treatments. <i>ACS Applied Bio Materials</i> , 2020, 3, 6488-6496.	2.3	12
9	Davydov Split Aggregates of Cyanine Dyes on Self-Assembled Nanotubes. <i>Langmuir</i> , 2020, 36, 13649-13655.	1.6	7
10	Transition from H-Aggregate Nanotubes to J-Aggregate Nanoribbons. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11722-11729.	1.5	8
11	Matrix Metalloproteinase-Responsive PEGylated Lipid Nanoparticles for Controlled Drug Delivery in the Treatment of Rheumatoid Arthritis. <i>ACS Applied Bio Materials</i> , 2020, 3, 3276-3284.	2.3	27
12	Improving the anti-inflammatory efficacy of dexamethasone in the treatment of rheumatoid arthritis with polymerized stealth liposomes as a delivery vehicle. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1841-1851.	2.9	41
13	Morphology Transformation of Supramolecular Structures in Aqueous Mixtures of Two Oppositely Charged Amphiphiles. <i>Langmuir</i> , 2019, 35, 9004-9010.	1.6	4
14	Influence of polymer networks on the sensor properties of hydrogel dispersed liquid crystal droplets. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 570, 438-443.	2.3	8
15	The formation of ultrafine polyamide 6 nanofiber membranes with needleless electrospinning for air filtration. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1635-1643.	1.6	27
16	Surface modified liquid crystal droplets as an optical probe for the detection of bile acids in microfluidic channels. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 542, 52-58.	2.3	16
17	Preparation of multi-layer nylon-6 nanofibrous membranes by electrospinning and hot pressing methods for dye filtration. <i>RSC Advances</i> , 2018, 8, 12173-12178.	1.7	26
18	Soft-Templated Synthesis of Lightweight, Elastic, and Conductive Nanotube Aerogels. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 37426-37433.	4.0	16

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19	Mechanical and thermal conductive properties of fiber-reinforced silica-alumina aerogels. <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 1138-1145.	1.1	29
20	Structure and thermal properties of millimeter-scale alumina aerogel beads formed by a modified ball dropping method. <i>RSC Advances</i> , 2017, 7, 1540-1545.	1.7	9
21	Characterizing Viscoelastic Modulations in Biopolymer Hydrogels by Coherence-Gated Light Scattering. <i>Journal of Physical Chemistry B</i> , 2017, 121, 9234-9238.	1.2	4
22	Formation of Spherulitic J-Aggregates from the Coassembly of Lithocholic Acid and Cyanine Dye. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4504-4509.	2.1	11
23	Electrical conductivity of silicon carbonitride-reduced graphene oxide composites. <i>Journal of the American Ceramic Society</i> , 2017, 100, 5113-5119.	1.9	14
24	SiCNO-GO composites with the negative temperature coefficient of resistance for high-temperature sensor applications. <i>Journal of the American Ceramic Society</i> , 2017, 100, 592-601.	1.9	33
25	Novel Microstructured SiCNO Films Based on Polyvinylsilazane-swelled F127 Micelles. <i>Journal of the American Ceramic Society</i> , 2016, 99, 723-726.	1.9	2
26	Liquid Crystal Droplet-Embedded Biopolymer Hydrogel Sheets for Biosensor Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 3928-3932.	4.0	67
27	12.4: A Liquid Crystal Biosensor for Liver Diseases. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 147-150.	0.1	1
28	Formation of Novel Microstructured SiCNO Films from Block Copolymer Micellar-templating Approaches. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2894-2901.	1.9	6
29	A Facile and Fast Gelation Process to Prepare Highly Spherical Millimeter-Sized Silica Aerogel Beads. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, E244.	1.1	3
30	Effect of Thermal Initiator Concentrations on the Structure and Optical Band Gaps of Polyvinylsilazane-Derived SiOCN Ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, 985-990.	1.1	3
31	Design of $\beta$ -CD-surfactant complex-coated liquid crystal droplets for the detection of cholic acid via competitive host-guest recognition. <i>Chemical Communications</i> , 2015, 51, 8912-8915.	2.2	29
32	Synthesis of silica aerogel microspheres by a two-step acid-base sol-gel reaction with emulsification technique. <i>Journal of Porous Materials</i> , 2015, 22, 621-628.	1.3	19
33	Superhydrophobic and superoleophilic sponge-like aerogels for oil/water separation. <i>Journal of Materials Science</i> , 2015, 50, 5115-5124.	1.7	40
34	Synthesis of silica-titania composite aerogel beads for the removal of Rhodamine B in water. <i>RSC Advances</i> , 2015, 5, 72437-72443.	1.7	39
35	Tailoring the surface of liquid crystal droplets with chitosan/surfactant complexes for the selective detection of bile acids in biological fluids. <i>RSC Advances</i> , 2015, 5, 70094-70100.	1.7	11
36	A Facile Route to Construct SiCO Nanospheres with Tunable Sizes. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 670-675.	1.1	0

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37	Self-Assembly of J-Aggregate Nanotubes and Their Applications for Sensing Dopamine. <i>Langmuir</i> , 2014, 30, 805-811.	1.6	47
38	Protein-Induced Configuration Transitions of Polyelectrolyte-Modified Liquid Crystal Droplets. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4970-4975.	1.2	44
39	Preparation of flexible, hydrophobic, and oleophilic silica aerogels based on a methyltriethoxysilane precursor. <i>Journal of Materials Science</i> , 2014, 49, 7715-7722.	1.7	44
40	Bile acid-surfactant interactions at the liquid crystal/aqueous interface. <i>Soft Matter</i> , 2014, 10, 4609.	1.2	16
41	Liquid crystal based sensors for the detection of cholic acid. <i>Analytical Methods</i> , 2013, 5, 4126.	1.3	28
42	Self-assembled palladium-organic composite nanofibers and their applications as a recyclable catalyst. <i>RSC Advances</i> , 2013, 3, 21576.	1.7	3
43	Optical Detection of Lithocholic Acid with Liquid Crystal Emulsions. <i>Langmuir</i> , 2013, 29, 387-392.	1.6	40
44	Polyelectrolyte-coated liquid crystal droplets for detecting charged macromolecules. <i>Journal of Materials Chemistry</i> , 2012, 22, 6807.	6.7	48
45	Transcription of pH-sensitive supramolecular assemblies into silica: from straight, coiled, and helical tubes to single and double fan-like bundles. <i>Journal of Materials Chemistry</i> , 2011, 21, 13973.	6.7	7
46	Adhesive polymer-dispersed liquid crystal films. <i>Journal of Materials Chemistry</i> , 2011, 21, 9149.	6.7	22
47	Longitudinal Zipping/Unzipping of Self-Assembled Organic Tubes. <i>Journal of Physical Chemistry B</i> , 2011, 115, 14445-14449.	1.2	31
48	Synthesis of nanostructured silicon carbide at ultralow temperature using self-assembled polymer micelles as a precursor. <i>Journal of Materials Chemistry</i> , 2011, 21, 17619.	6.7	9
49	Synthesis of Spherical Non-Oxide Silicon Carbonitride Ceramic Particles. <i>Journal of the American Ceramic Society</i> , 2011, 94, 2779-2782.	1.9	17
50	Self-Assembly of pH-Switchable Spiral Tubes: Supramolecular Chemical Springs. <i>Small</i> , 2010, 6, 217-220.	5.2	67
51	Director Configuration of Liquid-Crystal Droplets Encapsulated by Polyelectrolytes. <i>Langmuir</i> , 2010, 26, 7025-7028.	1.6	30
52	Fluorescent composite tubes with pH-controlled shapes. <i>Journal of Materials Chemistry</i> , 2010, 20, 3716.	6.7	16
53	Assembly of vesicles into fractal and prong patterns on substrates. <i>Soft Matter</i> , 2010, 6, 2139.	1.2	6
54	Assembly and disassembly of tubular spherulites. <i>Soft Matter</i> , 2010, 6, 1224.	1.2	26

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55	Radial Elasticity of Self-Assembled Lipid Tubules. ACS Nano, 2008, 2, 1466-1472.	7.3	19
56	Ordered arrays of self-assembled lipid tubules: fabrication and applications. Journal of Materials Chemistry, 2007, 17, 3479.	6.7	51
57	Heterogeneous and Anomalous Diffusion inside Lipid Tubules. Journal of Physical Chemistry B, 2007, 111, 14244-14249.	1.2	40
58	Positioning and Alignment of Lipid Tubules on Patterned Au Substrates. Langmuir, 2006, 22, 1891-1895.	1.6	22
59	Nanoscale Ripples in Self-Assembled Lipid Tubules. Langmuir, 2006, 22, 1973-1975.	1.6	19
60	IPS-LCD Using a Glass Substrate and an Anisotropic Polymer Film. Journal of Display Technology, 2006, 2, 21-25.	1.3	33
61	Self-Assembled Cylindrical Lipid Tubules with a Birefringent Core. Small, 2006, 2, 364-367.	5.2	30
62	Polarization-independent liquid crystal phase modulator with a large phase shift and low operating voltage. , 2006, , .		0
63	Liquid-crystal imaging of molecular-tilt ordering in self-assembled lipid tubules. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7438-7442.	3.3	44
64	Patterning Polymerized Lipid Vesicles with Soft Lithography. Langmuir, 2005, 21, 3132-3135.	1.6	18
65	Imaging the Azimuthal Tilt Order in Monolayers by Liquid Crystal Optical Amplification. Langmuir, 1999, 15, 297-299.	1.6	38