

# Jiangping Xu

## List of Publications by Year in descending order

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50  
papers

1,441  
citations

257101

24  
h-index

329751

37  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1508  
citing authors

#	ARTICLE	IF	CITATIONS
1	ABC Triblock Copolymer Particles with Tunable Shape and Internal Structure through 3D Confined Assembly. <i>Macromolecules</i> , 2015, 48, 2628-2636.	2.2	102
2	Responsive Block Copolymer Photonic Microspheres. <i>Advanced Materials</i> , 2018, 30, e1707344.	11.1	102
3	Regulation of Drug Release by Tuning Surface Textures of Biodegradable Polymer Microparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 14391-14400.	4.0	68
4	Electric-Field-Assisted Assembly of Polymer-Tethered Gold Nanorods in Cylindrical Nanopores. <i>ACS Nano</i> , 2016, 10, 4954-4960.	7.3	61
5	Block Copolymer Capsules with Structure-Dependent Release Behavior. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14633-14637.	7.2	60
6	Supramolecular Photonic Elastomers with Brilliant Structural Colors and Broad-Spectrum Responsiveness. <i>Advanced Functional Materials</i> , 2020, 30, 2000008.	7.8	59
7	Responsive Photonic Crystal Microcapsules of Block Copolymers with Enhanced Monochromaticity. <i>ACS Nano</i> , 2020, 14, 16057-16064.	7.3	53
8	Assembly of Polymer-Tethered Gold Nanoparticles under Cylindrical Confinement. <i>ACS Macro Letters</i> , 2014, 3, 486-490.	2.3	52
9	Additives Induced Structural Transformation of ABC Triblock Copolymer Particles. <i>Langmuir</i> , 2015, 31, 10975-10982.	1.6	51
10	Competitive Self-Assembly Kinetics as a Route To Control the Morphology of Core-Crystalline Cylindrical Micelles. <i>Journal of the American Chemical Society</i> , 2018, 140, 2619-2628.	6.6	51
11	A Monochloro Copper Phthalocyanine Memristor with High-Temperature Resilience for Electronic Synapse Applications. <i>Advanced Materials</i> , 2021, 33, e2006201.	11.1	51
12	Emulsion Solvent Evaporation-Induced Self-Assembly of Block Copolymers Containing pH-Sensitive Block. <i>Langmuir</i> , 2017, 33, 9889-9896.	1.6	49
13	Responsive Colloidal Polymer Particles with Ordered Mesostuctures. <i>Advanced Functional Materials</i> , 2021, 31, 2008169.	7.8	45
14	Structural Transformation of Diblock Copolymer/Homopolymer Assemblies by Tuning Cylindrical Confinement and Interfacial Interactions. <i>Langmuir</i> , 2015, 31, 12354-12361.	1.6	39
15	Precise Localization of Inorganic Nanoparticles in Block Copolymer Micellar Aggregates: From Center to Interface. <i>Macromolecules</i> , 2015, 48, 256-263.	2.2	39
16	Recent progress in responsive photonic crystals of block copolymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16633-16647.	2.7	39
17	Surface engineering of magnetic iron oxide nanoparticles by polymer grafting: synthesis progress and biomedical applications. <i>Nanoscale</i> , 2020, 12, 14957-14975.	2.8	39
18	Synergistic self-seeding in one-dimension: a route to patchy and block comicelles with uniform and controllable length. <i>Chemical Science</i> , 2019, 10, 2280-2284.	3.7	38

#	ARTICLE	IF	CITATIONS
19	Tunable Photonic Microspheres of Comb-Like Supramolecules. <i>Small</i> , 2020, 16, e2001315.	5.2	37
20	Photoguided Shape Deformation of Azobenzene-Containing Polymer Microparticles. <i>Langmuir</i> , 2015, 31, 13094-13100.	1.6	33
21	Deformable Block Copolymer Microparticles by Controllable Localization of pH-Responsive Nanoparticles. <i>Macromolecules</i> , 2020, 53, 473-481.	2.2	32
22	The generation of polymeric nano-bowls through 3D confined assembly and disassembly. <i>Soft Matter</i> , 2016, 12, 3683-3687.	1.2	31
23	Kinetically Dependent Self-Assembly of Chiral Block Copolymers under 3D Confinement. <i>Macromolecules</i> , 2020, 53, 4214-4223.	2.2	28
24	Regulating Block Copolymer Assembly Structures in Emulsion Droplets through Metal Ion Coordination. <i>Langmuir</i> , 2018, 34, 11495-11502.	1.6	27
25	Fabrication of convex lens-shaped polymer particles by tuning the interfacial interaction. <i>Materials Chemistry Frontiers</i> , 2017, 1, 507-511.	3.2	23
26	3D confined assembly of polymer-tethered gold nanoparticles into size-segregated structures. <i>Materials Chemistry Frontiers</i> , 2019, 3, 209-215.	3.2	18
27	Shape-Anisotropic Diblock Copolymer Particles with Varied Internal Structures. <i>Langmuir</i> , 2019, 35, 3461-3469.	1.6	18
28	Self-Assembly of Polymer End-Tethered Gold Nanorods into Two-Dimensional Arrays with Tunable Tilt Structures. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 6566-6574.	4.0	18
29	Electrostatic Control of the Three-Dimensional Confined Assembly of Charged Block Copolymers in Emulsion Droplets. <i>Macromolecules</i> , 2021, 54, 5728-5736.	2.2	18
30	Biodegradable Polymer Microparticles with Tunable Shapes and Surface Textures for Enhancement of Dendritic Cell Maturation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 42734-42743.	4.0	15
31	Revealable photonic prints with oppositely responsive polymers for improved visual sensing. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9286-9292.	2.7	15
32	Engineering the morphology of hydrogen-bonded comb-shaped supramolecular polymers: from solution self-assembly to confined assembly. <i>Polymer Chemistry</i> , 2020, 11, 4022-4028.	1.9	14
33	Soft Confined Assembly of Polymer-Tethered Inorganic Nanoparticles in Cylindrical Micelles. <i>Macromolecules</i> , 2020, 53, 4925-4931.	2.2	14
34	Segmental Janus nanoparticles of polymer composites. <i>Chemical Communications</i> , 2019, 55, 8114-8117.	2.2	13
35	Chain-length effect on binary superlattices of polymer-tethered nanoparticles. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2089-2095.	3.2	13
36	Chiral transfer-dictated self-assembly of chiral block copolymers. <i>Aggregate</i> , 0, , e122.	5.2	12

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37	Halogen-Bond Mediated 3D Confined Assembly of AB Diblock Copolymer and C Homopolymer Blends. <i>Small</i> , 2021, 17, e2007570.	5.2	9
38	Visualizing Nanoscale Coronal Segregation in Rod-Like Micelles Formed by Co-Assembly of Binary Block Copolymer Blends. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800397.	2.0	8
39	Light-Responsive bilayered hydrogel for freshwater production from surface soil moisture. <i>EcoMat</i> , 2021, 3, e12144.	6.8	8
40	Shear Flow Controlled Morphological Polydispersity of Amphiphilic ABA Triblock Copolymer Vesicles. <i>Langmuir</i> , 2013, 29, 15704-15710.	1.6	7
41	Temperature- and Solvent-Mediated Confined Assembly of Semicrystalline Chiral Block Copolymers in Evaporative Emulsion Droplets. <i>Macromolecules</i> , 2021, 54, 10712-10722.	2.2	6
42	Symmetry breaking of Au nanospheres confined in 1D nanocylinders: exploring helical assembly by 3D transmission electron microscopy. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3032-3039.	3.2	5
43	Shaping Block Copolymer Microparticles by pH-Responsive Core-Cross-Linked Polymeric Nanoparticles. <i>Langmuir</i> , 2021, 37, 454-460.	1.6	5
44	Flow hydrodynamics-dependent assembly of polymer-tethered gold nanoparticles in microfluidic channels. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3240-3250.	3.2	4
45	Flow-Induced Micellar Morphological Transformation in Microfluidic Chips under Nonequilibrium State: From Aggregates to Spherical Micelles. <i>Langmuir</i> , 2020, 36, 5377-5384.	1.6	4
46	Kinetic Control of Length and Morphology of Segmented Polymeric Nanofibers in Microfluidic Chips. <i>Langmuir</i> , 2020, 36, 13364-13370.	1.6	4
47	Structure-Controlled Preparation of Multicompartment Micelles with Tunable Emission through Hydrodynamics-Dependent Self-Assembly in Microfluidic Chips. <i>Langmuir</i> , 2021, 37, 13099-13106.	1.6	2
48	Block Copolymer Capsules with Structure-Dependent Release Behavior. <i>Angewandte Chemie</i> , 2016, 128, 14853-14857.	1.6	1
49	Shaping Block Copolymer Microparticles by Positively Charged Polymeric Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200143.	2.0	1
50	Halogen Bonding: Halogen-Bond Mediated 3D Confined Assembly of AB Diblock Copolymer and C Homopolymer Blends ( <i>Small</i> 18/2021). <i>Small</i> , 2021, 17, 2170082.	5.2	0