

# Yibei Gu

## List of Publications by Year in descending order

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14  
papers

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#	ARTICLE	IF	CITATIONS
1	Carbon-Assisted Stable Silver Nanostructures. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001227.	1.9	9
2	Metasurfaces Atop Metamaterials: Surface Morphology Induces Linear Dichroism in Gyroid Optical Metamaterials. <i>Advanced Materials</i> , 2019, 31, 1803478.	11.1	24
3	Effect of humidity on surface structure and permeation of triblock terpolymer derived SNIPS membranes. <i>Polymer</i> , 2017, 126, 368-375.	1.8	17
4	Optical Imaging of Large Gyroid Grains in Block Copolymer Templates by Confined Crystallization. <i>Macromolecules</i> , 2017, 50, 6255-6262.	2.2	29
5	Biocatalytic Stimuli-Responsive Asymmetric Triblock Terpolymer Membranes for Localized Permeability Gating. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700364.	2.0	14
6	Dynamically Responsive Multifunctional Asymmetric Triblock Terpolymer Membranes with Intrinsic Binding Sites for Covalent Molecule Attachment. <i>Chemistry of Materials</i> , 2016, 28, 3870-3876.	3.2	38
7	Gyroid Optical Metamaterials: Calculating the Effective Permittivity of Multidomain Samples. <i>ACS Photonics</i> , 2016, 3, 1888-1896.	3.2	38
8	Asymmetric Membranes from Two Chemically Distinct Triblock Terpolymers Blended during Standard Membrane Fabrication. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1689-1693.	2.0	8
9	Tuning substructure and properties of supported asymmetric triblock terpolymer membranes. <i>Polymer</i> , 2016, 107, 398-405.	1.8	21
10	<i>In Situ</i> Study of Evaporation-Induced Surface Structure Evolution in Asymmetric Triblock Terpolymer Membranes. <i>Macromolecules</i> , 2016, 49, 4195-4201.	2.2	35
11	Multicomponent Nanomaterials with Complex Networked Architectures from Orthogonal Degradation and Binary Metal Backfilling in ABC Triblock Terpolymers. <i>Journal of the American Chemical Society</i> , 2015, 137, 6026-6033.	6.6	70
12	Graded porous inorganic materials derived from self-assembled block copolymer templates. <i>Nanoscale</i> , 2015, 7, 5826-5834.	2.8	21
13	Tailoring Pore Size of Graded Mesoporous Block Copolymer Membranes: Moving from Ultrafiltration toward Nanofiltration. <i>Macromolecules</i> , 2015, 48, 6153-6159.	2.2	94
14	Asymmetric Organic-Inorganic Hybrid Membrane Formation via Block Copolymer-Nanoparticle Co-Assembly. <i>Nano Letters</i> , 2013, 13, 5323-5328.	4.5	71