

C Geraldine Bazuin

List of Publications by Year in descending order

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37
papers

1,206
citations

361045

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docs citations

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times ranked

1387
citing authors

#	ARTICLE	IF	CITATIONS
1	(Digital Presentation) Fabricating SERS-Active Nanofibers Covered with Au Nanoparticles for SERS Optophysiology. ECS Meeting Abstracts, 2022, MA2022-01, 2213-2213.	0.0	0
2	Multiplexed SERS Detection of Microcystins with Aptamer-Driven Core-Satellite Assemblies. ACS Applied Materials & Interfaces, 2021, 13, 6545-6556.	4.0	48
3	Surface-Enhanced Raman Scattering Optophysiology Nanofibers for the Detection of Heavy Metals in Single Breast Cancer Cells. ACS Sensors, 2021, 6, 1649-1662.	4.0	30
4	Fabricating SERS-Active Nanofibers Covered with Au Nanoparticles for SERS Optophysiology. ECS Meeting Abstracts, 2021, MA2021-01, 1633-1633.	0.0	0
5	Molecular-Level Photo-Orientation Insights into Macroscopic Photo-Induced Motion in Azobenzene-Containing Polymer Complexes. Journal of Physical Chemistry B, 2021, 125, 7871-7885.	1.2	1
6	Templating Gold Nanoparticles on Nanofibers Coated with a Block Copolymer Brush for Nanosensor Applications. ACS Applied Nano Materials, 2020, 3, 516-529.	2.4	14
7	In Situ Growth of AuNPs on Glass Nanofibers for SERS Sensors. ACS Applied Materials & Interfaces, 2020, 12, 55349-55361.	4.0	19
8	Branched Au Nanoparticles on Nanofibers for Surface-Enhanced Raman Scattering Sensing of Intracellular pH and Extracellular pH Gradients. ACS Sensors, 2020, 5, 2155-2167.	4.0	54
9	Effect of hydrogen-bond strength on photoresponsive properties of polymer-azobenzene complexes. Canadian Journal of Chemistry, 2020, 98, 531-538.	0.6	3
10	Polymer-Templated Gold Nanoparticles on Optical Fibers for Enhanced-Sensitivity Localized Surface Plasmon Resonance Biosensors. ACS Sensors, 2019, 4, 613-622.	4.0	95
11	Photocontrol of Supramolecular Azo-Containing Block Copolymer Thin Films during Dip-Coating: Toward Nanoscale Patterned Coatings. ACS Applied Nano Materials, 2019, 2, 3526-3537.	2.4	4
12	Monolayer Arrays of Nanoparticles on Block Copolymer Brush Films. Langmuir, 2019, 35, 5114-5124.	1.6	18
13	Block Copolymer Brush Layer-Templated Gold Nanoparticles on Nanofibers for Surface-Enhanced Raman Scattering Optophysiology. ACS Applied Materials & Interfaces, 2019, 11, 4373-4384.	4.0	39
14	Molecular-Level Study of Photoorientation in Hydrogen-Bonded Azopolymer Complexes. Macromolecules, 2018, 51, 1077-1087.	2.2	16
15	Supramolecular design principles for efficient photoresponsive polymer-azobenzene complexes. Journal of Materials Chemistry C, 2018, 6, 2168-2188.	2.7	94
16	Taming Macromolecules with Light: Lessons Learned from Vibrational Spectroscopy. Macromolecular Rapid Communications, 2018, 39, 1700430.	2.0	6
17	Tailoring supramolecular ionic azo triblock copolymers by partial quaternization and complexation. Polymer, 2017, 128, 330-337.	1.8	1
18	Influence of Supramolecular Interaction Type on Photoresponsive Azopolymer Complexes: A Surface Relief Grating Formation Study. Macromolecules, 2016, 49, 4923-4934.	2.2	27

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19	Solvent Influence on Thickness, Composition, and Morphology Variation with Dip-Coating Rate in Supramolecular PS- <i>b</i> -P4VP Thin Films. <i>Macromolecules</i> , 2015, 48, 4823-4834.	2.2	42
20	In Situ Photocontrol of Block Copolymer Morphology During Dip-Coating of Thin Films. <i>ACS Macro Letters</i> , 2015, 4, 1158-1162.	2.3	15
21	From partial to complete optical erasure of azobenzeneâ€“polymer gratings: effect of molecular weight. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11011-11016.	2.7	46
22	Submolecular Plasticization Induced by Photons in Azobenzene Materials. <i>Journal of the American Chemical Society</i> , 2015, 137, 13510-13517.	6.6	76
23	Photomechanical Energy Transfer to Photopassive Polymers through Hydrogen and Halogen Bonds. <i>Macromolecules</i> , 2015, 48, 7535-7542.	2.2	27
24	Quantitative analysis of hydrogen bonding in electrospun fibers of poly(4-vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (pyridine)/ 2014, 71, 18-23.	1.2	10
25	Double-Striped Metallic Patterns from PS- <i>b</i> -P4VP Nanostrand Templates. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 18360-18367.	4.0	16
26	Nonphospholipid Fluid Liposomes with Switchable Photocontrolled Release. <i>Langmuir</i> , 2014, 30, 10818-10825.	1.6	40
27	A Supramolecular Approach to Photoresponsive Thermo/Solvoplastic Block Copolymer Elastomers. <i>Macromolecules</i> , 2014, 47, 7099-7108.	2.2	13
28	Evolution of Small Molecule Content and Morphology with Dip-Coating Rate in Supramolecular PSâ€“P4VP Thin Films. <i>Macromolecules</i> , 2012, 45, 7964-7972.	2.2	28
29	Morphology, Thickness, and Composition Evolution in Supramolecular Block Copolymer Films over a Wide Range of Dip-Coating Rates. <i>ACS Macro Letters</i> , 2012, 1, 973-976.	2.3	41
30	Morphology Evolution in Slowly Dip-Coated Supramolecular PS- <i>b</i> -P4VP Thin Films. <i>Macromolecules</i> , 2012, 45, 5463-5476.	2.2	46
31	Liquid Crystallinity and Other Properties in Complexes of Cationic Azo-Containing Surfactomesogens with Poly(styrenesulfonate). <i>Macromolecules</i> , 2009, 42, 4775-4786.	2.2	24
32	Spacer-Free Ionic Dyeâ”Polyelectrolyte Complexes: Influence of Molecular Structure on Liquid Crystal Order and Photoinduced Motion. <i>Chemistry of Materials</i> , 2009, 21, 3216-3227.	3.2	62
33	Simple Spacer-Free Dye-Polyelectrolyte Ionic Complex: Side-Chain Liquid Crystal Order with High and Stable Photoinduced Birefringence. <i>Chemistry of Materials</i> , 2008, 20, 29-31.	3.2	58
34	Interplay of Ionic, Hydrogen-Bonding, and Polar Interactions in Liquid Crystalline Complexes of a Pyridylpyridinium Polyamphiphile with (Azo)phenol-Functionalized Molecules. <i>Macromolecules</i> , 2007, 40, 5326-5336.	2.2	20
35	A Study of the Supramolecular Approach in Controlling Diblock Copolymer Nanopatterning and Nanoposity on Surfaces. <i>Macromolecules</i> , 2006, 39, 6473-6482.	2.2	72
36	Variable Composition Mixtures of a Tertiary Amine-Functionalized Mesogen and Poly(acrylic acid). <i>Macromolecules</i> , 2002, 35, 6893-6899.	2.2	13

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37	Generation of Liquid Crystalline Polymeric Materials from Non Liquid Crystalline Components via Ionic Complexation. <i>Macromolecules</i> , 1995, 28, 8877-8880.	2.2	88