Spyridon Varlas

List of Publications by Year
in descending order

27	1,622	430874 18	501196 28
papers	citations	h-index	g-index

32	32	32	1592
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymerization-induced self-assembly and disassembly during the synthesis of thermoresponsive ABC triblock copolymer nano-objects in aqueous solution. Chemical Science, 2022, 13, 7295-7303.	7.4	7
2	Stimuli-responsive and core cross-linked micelles developed by NiCCo-PISA of helical poly(aryl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	3.9	4
3	Tuning the Cloud-Point and Flocculation Temperature of Poly(2-(diethylamino)ethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 66 2021, 1, 47-58.	4.1	6
4	Protein-, (Poly)peptide-, and Amino Acid-Based Nanostructures Prepared via Polymerization-Induced Self-Assembly. Polymers, 2021, 13, 2603.	4.5	13
5	It is Better with Salt: Aqueous Ring-Opening Metathesis Polymerization at Neutral pH. Journal of the American Chemical Society, 2020, 142, 13878-13885.	13.7	33
6	Complementary Nucleobase Interactions Drive the Hierarchical Self-Assembly of Coreâ€“Shell Bottlebrush Block Copolymers toward Cylindrical Supramolecules. Macromolecules, 2020, 53, 9747-9757.	4.8	21
7	Self-assembled nanostructures from amphiphilic block copolymers prepared via ring-opening metathesis polymerization (ROMP). Progress in Polymer Science, 2020, 107, 101278.	24.7	77
8	Nickel-Catalyzed Coordination Polymerization-Induced Self-Assembly of Helical Poly(aryl isocyanide)s. ACS Macro Letters, 2020, 9, 226-232.	4.8	35
9	The Importance of Cooperativity in Polymer Blending: Toward Controlling the Thermoresponsive Behavior of Blended Block Copolymer Micelles. Macromolecular Rapid Communications, 2020, 41, e1900599.	3.9	17
10	Poly(Pentafluorophenyl Methacrylate)â€Based Nanoâ€Objects Developed by Photoâ€PISA as Scaffolds for Postâ€Polymerization Functionalization. Macromolecular Rapid Communications, 2019, 40, e1800460.	3.9	50
11	Ring-opening metathesis polymerization-induced self-assembly (ROMPISA). Chemical Communications, 2019, 55, 9066-9071.	4.1	75
12	Marcromolecular Architecture and Encapsulation of the Anticancer Drug Everolimus Control the Self-Assembly of Amphiphilic Polypeptide-Containing Hybrids. Biomacromolecules, 2019, 20, 4546-4562.	5.4	9
13	Getting into Shape: Reflections on a New Generation of Cylindrical Nanostructuresâ€™ Self-Assembly Using Polymer Building Blocks. Journal of the American Chemical Society, 2019, 141, 2742-2753.	13.7	186
14	Tuning the membrane permeability of polymersome nanoreactors developed by aqueous emulsion polymerization-induced self-assembly. Nanoscale, 2019, 11, 12643-12654.	5.6	91
15	Predicting Monomers for Use in Aqueous Ring-Opening Metathesis Polymerization-Induced Self-Assembly. ACS Macro Letters, 2019, 8, 466-472.	4.8	50
16	Polymerization-Induced Polymersome Fusion. Journal of the American Chemical Society, 2019, 141, 20234-20248.	13.7	68
17	Poly(sarcosine)-Based Nano-Objects with Multi-Protease Resistance by Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). Biomacromolecules, 2018, 19, 4453-4462.	5.4	44
18	Predicting Monomers for Use in Polymerizationâ€Induced Selfâ€Assembly. Angewandte Chemie - International Edition, 2018, 57, 15733-15737.	13.8	78

#	Article	IF	Citations
19	Predicting Monomers for Use in Polymerizationâ€Induced Selfâ€Assembly. Angewandte Chemie, 2018, 130, 15959-15963.	2.0	17
20	Confinement of Therapeutic Enzymes in Selectively Permeable Polymer Vesicles by Polymerization-Induced Self-Assembly (PISA) Reduces Antibody Binding and Proteolytic Susceptibility. ACS Central Science, 2018, 4, 718-723.	11.3	181
21	Ringâ€Opening Metathesis Polymerization in Aqueous Media Using a Macroinitiator Approach. Angewandte Chemie - International Edition, 2018, 57, 10672-10676.	13.8	79
22	Photoinitiated Polymerization-Induced Self-Assembly in the Presence of Surfactants Enables Membrane Protein Incorporation into Vesicles. Macromolecules, 2018, 51, 6190-6201.	4.8	63
23	Ringâ€Opening Metathesis Polymerization in Aqueous Media Using a Macroinitiator Approach. Angewandte Chemie, 2018, 130, 10832-10836.	2.0	17
24	Smart polymersomes and hydrogels from polypeptide-based polymer systems through Î±-amino acid N-carboxyanhydride ring-opening polymerization. From chemistry to biomedical applications. Progress in Polymer Science, 2018, 83, 28-78.	24.7	74
25	Permeable Protein-Loaded Polymersome Cascade Nanoreactors by Polymerization-Induced Self-Assembly. ACS Macro Letters, 2017, 6, 1263-1267.	4.8	193
26	Preparation of hybrid tripleâ€stimuli responsive nanogels based on poly(<scp>L</scp>â€histidine). Journal of Polymer Science Part A, 2016, 54, 1278-1288.	2.3	28
27	pH-Sensitive nanogates based on poly(<scp>l</scp>-histidine) for controlled drug release from mesoporous silica nanoparticles. Polymer Chemistry, 2016, 7, 1475-1485.	3.9	103