

# Spyridon Varlas

## List of Publications by Year in descending order

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27  
papers

1,622  
citations

430874

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501196

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32  
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32  
docs citations

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times ranked

1592  
citing authors

#	ARTICLE	IF	CITATIONS
1	Permeable Protein-Loaded Polymersome Cascade Nanoreactors by Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2017, 6, 1263-1267.	4.8	193
2	Getting into Shape: Reflections on a New Generation of Cylindrical Nanostructuresâ€™ Self-Assembly Using Polymer Building Blocks. <i>Journal of the American Chemical Society</i> , 2019, 141, 2742-2753.	13.7	186
3	Confinement of Therapeutic Enzymes in Selectively Permeable Polymer Vesicles by Polymerization-Induced Self-Assembly (PISA) Reduces Antibody Binding and Proteolytic Susceptibility. <i>ACS Central Science</i> , 2018, 4, 718-723.	11.3	181
4	pH-Sensitive nanogates based on poly(L-histidine) for controlled drug release from mesoporous silica nanoparticles. <i>Polymer Chemistry</i> , 2016, 7, 1475-1485.	3.9	103
5	Tuning the membrane permeability of polymersome nanoreactors developed by aqueous emulsion polymerization-induced self-assembly. <i>Nanoscale</i> , 2019, 11, 12643-12654.	5.6	91
6	Ring-Opening Metathesis Polymerization in Aqueous Media Using a Macroinitiator Approach. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10672-10676.	13.8	79
7	Predicting Monomers for Use in Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15733-15737.	13.8	78
8	Self-assembled nanostructures from amphiphilic block copolymers prepared via ring-opening metathesis polymerization (ROMP). <i>Progress in Polymer Science</i> , 2020, 107, 101278.	24.7	77
9	Ring-opening metathesis polymerization-induced self-assembly (ROMPISA). <i>Chemical Communications</i> , 2019, 55, 9066-9071.	4.1	75
10	Smart polymersomes and hydrogels from polypeptide-based polymer systems through L-amino acid N-carboxyanhydride ring-opening polymerization. From chemistry to biomedical applications. <i>Progress in Polymer Science</i> , 2018, 83, 28-78.	24.7	74
11	Polymerization-Induced Polymersome Fusion. <i>Journal of the American Chemical Society</i> , 2019, 141, 20234-20248.	13.7	68
12	Photoinitiated Polymerization-Induced Self-Assembly in the Presence of Surfactants Enables Membrane Protein Incorporation into Vesicles. <i>Macromolecules</i> , 2018, 51, 6190-6201.	4.8	63
13	Poly(Pentafluorophenyl Methacrylate)-Based Nano-Objects Developed by Photo-PISA as Scaffolds for Post-Polymerization Functionalization. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800460.	3.9	50
14	Predicting Monomers for Use in Aqueous Ring-Opening Metathesis Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2019, 8, 466-472.	4.8	50
15	Poly(sarcosine)-Based Nano-Objects with Multi-Protease Resistance by Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). <i>Biomacromolecules</i> , 2018, 19, 4453-4462.	5.4	44
16	Nickel-Catalyzed Coordination Polymerization-Induced Self-Assembly of Helical Poly(aryl isocyanide)s. <i>ACS Macro Letters</i> , 2020, 9, 226-232.	4.8	35
17	It is Better with Salt: Aqueous Ring-Opening Metathesis Polymerization at Neutral pH. <i>Journal of the American Chemical Society</i> , 2020, 142, 13878-13885.	13.7	33
18	Preparation of hybrid triple-stimuli responsive nanogels based on poly(L-histidine). <i>Journal of Polymer Science Part A</i> , 2016, 54, 1278-1288.	2.3	28

#	ARTICLE	IF	CITATIONS
19	Complementary Nucleobase Interactions Drive the Hierarchical Self-Assembly of Core-Shell Bottlebrush Block Copolymers toward Cylindrical Supramolecules. <i>Macromolecules</i> , 2020, 53, 9747-9757.	4.8	21
20	Predicting Monomers for Use in Polymerization-Induced Self-Assembly. <i>Angewandte Chemie</i> , 2018, 130, 15959-15963.	2.0	17
21	Ring-Opening Metathesis Polymerization in Aqueous Media Using a Macroinitiator Approach. <i>Angewandte Chemie</i> , 2018, 130, 10832-10836.	2.0	17
22	The Importance of Cooperativity in Polymer Blending: Toward Controlling the Thermoresponsive Behavior of Blended Block Copolymer Micelles. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900599.	3.9	17
23	Protein-, (Poly)peptide-, and Amino Acid-Based Nanostructures Prepared via Polymerization-Induced Self-Assembly. <i>Polymers</i> , 2021, 13, 2603.	4.5	13
24	Macromolecular Architecture and Encapsulation of the Anticancer Drug Everolimus Control the Self-Assembly of Amphiphilic Polypeptide-Containing Hybrids. <i>Biomacromolecules</i> , 2019, 20, 4546-4562.	5.4	9
25	Polymerization-induced self-assembly and disassembly during the synthesis of thermoresponsive ABC triblock copolymer nano-objects in aqueous solution. <i>Chemical Science</i> , 2022, 13, 7295-7303.	7.4	7
26	Tuning the Cloud-Point and Flocculation Temperature of Poly(2-(diethylamino)ethyl) Methacrylate. <i>Macromolecules</i> , 2021, 54, 47-58.	4.1	6
27	Stimuli-responsive and core cross-linked micelles developed by NiCo-PISA of helical poly(aryl) methacrylates. <i>Macromolecules</i> , 2021, 54, 10784-10794.	3.9	4