

Nikolaos Politakos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Mechanistic Study of \hat{I}_{\pm} -(Amino acid)- <i>N</i> -carboxyanhydride Polymerization: Comparing Initiation and Termination Events in High-Vacuum and Traditional Polymerization Techniques. <i>Macromolecules</i> , 2009, 42, 7781-7788.	4.8	76
2	Strongly segregated cubic microdomain morphology consistent with the double gyroid phase in high molecular weight diblock copolymers of polystyrene and poly(dimethylsiloxane). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 2419-2427.	2.1	41
3	Graphene-Based Monolithic Nanostructures for CO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 8612-8621.	3.7	36
4	Reduced Graphene Oxide/Polymer Monolithic Materials for Selective CO ₂ Capture. <i>Polymers</i> , 2020, 12, 936.	4.5	26
5	Synthesis, molecular, and morphological characterization of initial and modified diblock copolymers with organic acid chloride derivatives. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4292-4305.	2.3	17
6	Enhancing the hydrophobic properties of various commercial polymers through mixtures and coatings with a fluorinated diblock copolymer in low concentrations. <i>European Polymer Journal</i> , 2013, 49, 1841-1851.	5.4	16
7	Visible Light Photocatalysts Based on Manganese Doped TiO ₂ Integrated Within Monolithic Reduced Graphene Oxide/Polymer Porous Monolith. <i>ChemistrySelect</i> , 2020, 5, 5873-5882.	1.5	8
8	Exploring the Self-Assembly Capabilities of ABA-Type SBS, SIS, and Their Analogous Hydrogenated Copolymers onto Different Nanostructures Using Atomic Force Microscopy. <i>Materials</i> , 2018, 11, 1529.	2.9	6
9	Molecular and Structure Properties Comparison of an Anionically Synthesized Diblock Copolymer of the PS- <i>b</i> -PI Sequence and Its Hydrogenated or Sulfonated Derivatives. <i>Polymers</i> , 2021, 13, 4167.	4.5	4
10	Comparing linear and cyclic synthetic homopolypeptides: Synthesis and molecular characterization. <i>Journal of Polymer Science Part A</i> , 2015, 53, 393-404.	2.3	3
11	In vivo toxicological evaluation of polymer brush engineered nanoceria: impact of brush charge. <i>Nanotoxicology</i> , 2019, 13, 305-325.	3.0	3
12	Synthesis, Characterization and Structure Properties of Biobased Hybrid Copolymers Consisting of Polydiene and Polypeptide Segments. <i>Polymers</i> , 2021, 13, 3818.	4.5	1
13	CO ₂ Capture by Reduced Graphene Oxide Monoliths with Incorporated CeO ₂ Grafted with Functionalized Polymer Brushes. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11154.	2.5	1