

# Nikolaos Politakos

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, Characterization and Structure Properties of Biobased Hybrid Copolymers Consisting of Polydiene and Polypeptide Segments. <i>Polymers</i> , 2021, 13, 3818.	4.5	1
2	Molecular and Structureâ€“Properties Comparison of an Anionically Synthesized Diblock Copolymer of the PS-b-PI Sequence and Its Hydrogenated or Sulfonated Derivatives. <i>Polymers</i> , 2021, 13, 4167.	4.5	4
3	CO2 Capture by Reduced Graphene Oxide Monoliths with Incorporated CeO2 Grafted with Functionalized Polymer Brushes. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11154.	2.5	1
4	Visible Light Photocatalysts Based on Manganese Doped TiO <sub>2</sub> Integrated Within Monolithic Reduced Graphene Oxide/Polymer Porous Monolith. <i>ChemistrySelect</i> , 2020, 5, 5873-5882.	1.5	8
5	Reduced Graphene Oxide/Polymer Monolithic Materials for Selective CO2 Capture. <i>Polymers</i> , 2020, 12, 936.	4.5	26
6	Graphene-Based Monolithic Nanostructures for CO <sub>2</sub> Capture. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 8612-8621.	3.7	36
7	In vivo toxicological evaluation of polymer brush engineered nanoceria: impact of brush charge. <i>Nanotoxicology</i> , 2019, 13, 305-325.	3.0	3
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	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
10	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
11	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
12	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
13	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