

Grigorios Raptopoulos

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanically Strong Polyurea/Polyurethane-Cross-Linked Alginate Aerogels. ACS Applied Polymer Materials, 2020, 2, 1974-1988.	4.4	32
2	Synthetic Polymer Aerogels in Particulate Form. Materials, 2019, 12, 1543.	2.9	31
3	Polyurea-crosslinked biopolymer aerogel beads. RSC Advances, 2020, 10, 40843-40852.	3.6	25
4	Poly(urethane-norbornene) Aerogels via Ring Opening Metathesis Polymerization of Dendritic Urethane-Norbornene Monomers: Structure-Property Relationships as a Function of an Aliphatic Versus an Aromatic Core and the Number of Peripheral Norbornene Moieties. Molecules, 2018, 23, 1007.	3.8	22
5	Poly(Urethane-Acrylate) Aerogels via Radical Polymerization of Dendritic Urethane-Acrylate Monomers. Materials, 2018, 11, 2249.	2.9	21
6	Extremely Efficient Uranium Removal from Aqueous Environments with Polyurea-Cross-Linked Alginate Aerogel Beads. ACS Applied Polymer Materials, 2022, 4, 920-928.	4.4	21
7	Millimeter-Size Spherical Polyurea Aerogel Beads with Narrow Size Distribution. Gels, 2018, 4, 66.	4.5	20
8	Synthesis and structural characterization of poly(dicyclopentadiene) gels obtained with a novel tungsten versus conventional W and Ru mononuclear catalysts. Inorganica Chimica Acta, 2017, 460, 69-76.	2.4	18
9	Strategies toward catalytic biopolymers: Incorporation of tungsten in alginate aerogels. Polyhedron, 2018, 154, 209-216.	2.2	18
10	Metal-doped carbons from polyurea-crosslinked alginate aerogel beads. Materials Advances, 2021, 2, 2684-2699.	5.4	16
11	Investigating the Structural, Spectroscopic, and Electrochemical Properties of [Fe{(E)Pipr ₂ N ₂ } ₂] (E =) Tj ETQq1 1 0.784314 rgBT /Over Inorganic Chemistry, 2016, 2016, 5332-5339.	2.0	14
12	An Extreme Case of Swelling of Mostly cis-Polydicyclopentadiene by Selective Solvent Absorption Application in Decontamination and Environmental Remediation. ACS Applied Polymer Materials, 2019, 1, 1648-1659.	4.4	14
13	Evaluation of Polyurea-Crosslinked Alginate Aerogels for Seawater Decontamination. Gels, 2021, 7, 27.	4.5	14
14	Poly(urethane-acrylate) aerogels from the isocyanurate trimer of isophorone diisocyanate. Journal of Supercritical Fluids, 2019, 148, 42-54.	3.2	13
15	Fundamental Skeletal Nanostructure of Nanoporous Polymer-Cross-Linked Alginate Aerogels and Its Relevance To Environmental Remediation. ACS Applied Nano Materials, 2021, 4, 10575-10583.	5.0	13
16	Copolymerization of Norbornene and Norbornadiene Using a cis-Selective Bimetallic W-Based Catalytic System. Polymers, 2017, 9, 141.	4.5	10
17	Synthesis and characterization of a family of Co(II) triphenylamido-amine complexes and catalytic activity in controlled radical polymerization of olefins. Polyhedron, 2013, 52, 78-90.	2.2	8
18	Exploring the Reactivity of Na[W ₂ (μ -Cl) ₃ Cl ₄ (THF) ₂] \cdot (THF) ₃ towards the Polymerization of Selected Cycloolefins. Molecules, 2015, 20, 21896-21908.	3.8	8

#	ARTICLE	IF	CITATIONS
19	Is the Electrophilicity of the Metal Nitrene the Sole Predictor of Metal-Mediated Nitrene Transfer to Olefins? Secondary Contributing Factors as Revealed by a Library of High-Spin Co(II) Reagents. <i>Organometallics</i> , 2021, 40, 1974-1996.	2.3	8
20	Metathesis Polymerization Reactions Induced by the Bimetallic Complex (Ph ₄ P) ₂ [W ₂ (μ -Br) ₃ Br ₆]. <i>Polymers</i> , 2015, 7, 2611-2624.	4.5	6
21	Large, Rapid Swelling of High-cis Polydicyclopentadiene Aerogels Suitable for Solvent-Responsive Actuators. <i>Polymers</i> , 2020, 12, 1033.	4.5	6
22	Noninvasive Detection, Tracking, and Characterization of Aerogel Implants Using Diagnostic Ultrasound. <i>Polymers</i> , 2022, 14, 722.	4.5	4
23	Poly lactide-Grafted Metal-Alginate Aerogels. <i>Polymers</i> , 2022, 14, 1254.	4.5	3