

Grigorios Raptopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

348
citations

687363

13
h-index

839539

18
g-index

25
all docs

25
docs citations

25
times ranked

263
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Extremely Efficient Uranium Removal from Aqueous Environments with Polyurea-Cross-Linked Alginate Aerogel Beads. <i>ACS Applied Polymer Materials</i> , 2022, 4, 920-928. | 4.4 | 21 |
| 2 | Noninvasive Detection, Tracking, and Characterization of Aerogel Implants Using Diagnostic Ultrasound. <i>Polymers</i> , 2022, 14, 722. | 4.5 | 4 |
| 3 | Poly lactide-Grafted Metal-Alginate Aerogels. <i>Polymers</i> , 2022, 14, 1254. | 4.5 | 3 |
| 4 | Metal-doped carbons from polyurea-crosslinked alginate aerogel beads. <i>Materials Advances</i> , 2021, 2, 2684-2699. | 5.4 | 16 |
| 5 | Evaluation of Polyurea-Crosslinked Alginate Aerogels for Seawater Decontamination. <i>Gels</i> , 2021, 7, 27. | 4.5 | 14 |
| 6 | 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 |
| 7 | Fundamental Skeletal Nanostructure of Nanoporous Polymer-Cross-Linked Alginate Aerogels and Its Relevance To Environmental Remediation. <i>ACS Applied Nano Materials</i> , 2021, 4, 10575-10583. | 5.0 | 13 |
| 8 | Large, Rapid Swelling of High-cis Polydicyclopentadiene Aerogels Suitable for Solvent-Responsive Actuators. <i>Polymers</i> , 2020, 12, 1033. | 4.5 | 6 |
| 9 | Mechanically Strong Polyurea/Polyurethane-Cross-Linked Alginate Aerogels. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1974-1988. | 4.4 | 32 |
| 10 | Polyurea-crosslinked biopolymer aerogel beads. <i>RSC Advances</i> , 2020, 10, 40843-40852. | 3.6 | 25 |
| 11 | An Extreme Case of Swelling of Mostly cis-Polydicyclopentadiene by Selective Solvent Absorption—Application in Decontamination and Environmental Remediation. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1648-1659. | 4.4 | 14 |
| 12 | Synthetic Polymer Aerogels in Particulate Form. <i>Materials</i> , 2019, 12, 1543. | 2.9 | 31 |
| 13 | Poly(urethane-acrylate) aerogels from the isocyanurate trimer of isophorone diisocyanate. <i>Journal of Supercritical Fluids</i> , 2019, 148, 42-54. | 3.2 | 13 |
| 14 | Poly(Urethane-Acrylate) Aerogels via Radical Polymerization of Dendritic Urethane-Acrylate Monomers. <i>Materials</i> , 2018, 11, 2249. | 2.9 | 21 |
| 15 | Strategies toward catalytic biopolymers: Incorporation of tungsten in alginate aerogels. <i>Polyhedron</i> , 2018, 154, 209-216. | 2.2 | 18 |
| 16 | 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. <i>Molecules</i> , 2018, 23, 1007. | 3.8 | 22 |
| 17 | Millimeter-Size Spherical Polyurea Aerogel Beads with Narrow Size Distribution. <i>Gels</i> , 2018, 4, 66. | 4.5 | 20 |
| 18 | Synthesis and structural characterization of poly(dicyclopentadiene) gels obtained with a novel ditungsten versus conventional W and Ru mononuclear catalysts. <i>Inorganica Chimica Acta</i> , 2017, 460, 69-76. | 2.4 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Copolymerization of Norbornene and Norbornadiene Using a cis-Selective Bimetallic W-Based Catalytic System. <i>Polymers</i> , 2017, 9, 141. | 4.5 | 10 |
| 20 | Investigating the Structural, Spectroscopic, and Electrochemical Properties of $[\text{Fe}\{\text{E}(\text{P}i\text{Pr}_2)_2\text{N}\}_2]$ (E =) <i>Inorganic Chemistry</i> , 2016, 2016, 5332-5339. | 2.0 | 14 |
| 21 | Exploring the Reactivity of $\text{Na}[\text{W}_2(\mu_4\text{-Cl})_3\text{Cl}_4(\text{THF})_2] \cdot \text{THF}_3$ towards the Polymerization of Selected Cycloolefins. <i>Molecules</i> , 2015, 20, 21896-21908. | 3.8 | 8 |
| 22 | Metathesis Polymerization Reactions Induced by the Bimetallic Complex $(\text{Ph}_4\text{P})_2[\text{W}_2(\mu_4\text{-Br})_3\text{Br}_6]$. <i>Polymers</i> , 2015, 7, 2611-2624. | 4.5 | 6 |
| 23 | Synthesis and characterization of a family of Co(II) triphenylamido-amine complexes and catalytic activity in controlled radical polymerization of olefins. <i>Polyhedron</i> , 2013, 52, 78-90. | 2.2 | 8 |