

Szczepan Bednarz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

571

citations

12

h-index

23

g-index

27

ext. papers

671

ext. citations

3.9

avg, IF

3.97

L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 26 | Insight into the aqueous Laponite \square nanodispersions for self-assembled poly(itaconic acid) nanocomposite hydrogels: The effect of multivalent phosphate dispersants.. <i>Journal of Colloid and Interface Science</i> , 2021 , 610, 1-12 | 9.3 | 0 |
| 25 | Recovery and Characterization Studies of Post-Production Alloy Waste from the Automotive Industry. <i>Materials</i> , 2020 , 13, | 3.5 | 1 |
| 24 | Cyclodextrin-modified poly(octamethylene citrate) polymers towards enhanced sorption properties. <i>Soft Matter</i> , 2020 , 16, 3311-3318 | 3.6 | 8 |
| 23 | High-Molecular-Weight Polyampholytes Synthesized via Daylight-Induced, Initiator-Free Radical Polymerization of Renewable Itaconic Acid. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e1900611 | 4.8 | 6 |
| 22 | Polyhydroxyalkanoate-derived hydrogen-bond donors for the synthesis of new deep eutectic solvents. <i>Green Chemistry</i> , 2019 , 21, 3116-3126 | 10 | 16 |
| 21 | Unexpected irregular structures of poly(itaconic acid) prepared in Deep Eutectic Solvents. <i>European Polymer Journal</i> , 2019 , 115, 30-36 | 5.2 | 4 |
| 20 | Persulfate initiated free-radical polymerization of itaconic acid: Kinetics, end-groups and side products. <i>European Polymer Journal</i> , 2018 , 106, 63-71 | 5.2 | 14 |
| 19 | Intensification of oxidation and epoxidation reactions \square Microwave vs. conventional heating. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018 , 132, 208-217 | 3.7 | 5 |
| 18 | Luminescence phenomena of carbon dots derived from citric acid and urea - a molecular insight. <i>Nanoscale</i> , 2018 , 10, 13889-13894 | 7.7 | 119 |
| 17 | Polymerization-crosslinking of renewable itaconic acid in water and in deep eutectic solvents. <i>European Polymer Journal</i> , 2017 , 95, 241-254 | 5.2 | 18 |
| 16 | Polymers from Biobased-Monomers: Macroporous Itaconic Xerogels Prepared in Deep Eutectic Solvents. <i>Journal of Renewable Materials</i> , 2016 , 4, 18-23 | 2.4 | 7 |
| 15 | Novel efficient fluorophores synthesized from citric acid. <i>RSC Advances</i> , 2015 , 5, 34795-34799 | 3.7 | 88 |
| 14 | Fluorescent citric acid-modified silicone materials. <i>RSC Advances</i> , 2015 , 5, 90473-90477 | 3.7 | 9 |
| 13 | Free-radical polymerization of itaconic acid in the presence of choline salts: Mechanism of persulfate decomposition. <i>Catalysis Today</i> , 2015 , 257, 297-304 | 5.3 | 32 |
| 12 | Synthesis of hydrogels by polymerization of itaconic acid \square choline chloride deep eutectic solvent. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a | 2.9 | 27 |
| 11 | Polyaniline \square starch blends: Synthesis, rheological, and electrical properties. <i>Starch/Staerke</i> , 2014 , 66, 583-594 | 2.3 | 5 |
| 10 | Microwave-Assisted Synthesis of Hybrid Polymer Materials and Composites. <i>Advances in Polymer Science</i> , 2014 , 241-294 | 1.3 | 4 |

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| 9 | Microwave-Assisted Oxidation of Alcohols Using Zinc Polyoxometalate. <i>Synlett</i> , 2014 , 25, 2757-2760 | 2.2 | 2 |
| 8 | Microwave-assisted oxidation of alcohols by hydrogen peroxide catalysed by tetrabutylammonium decatungstate. <i>Chemical Papers</i> , 2013 , 67, | 1.9 | 3 |
| 7 | Luminescence phenomena of biodegradable photoluminescent poly(diols citrates). <i>Chemical Communications</i> , 2013 , 49, 6445-7 | 5.8 | 84 |
| 6 | Environmental friendly polysaccharide modification [rheological properties of oxidized starches water systems. <i>Starch/Staerke</i> , 2013 , 65, 134-145 | 2.3 | 6 |
| 5 | Application of hydrogen peroxide encapsulated in silica xerogels to oxidation reactions. <i>Molecules</i> , 2012 , 17, 8068-78 | 4.8 | 22 |
| 4 | Environmental friendly polysaccharide modification [microwave-assisted oxidation of starch. <i>Starch/Staerke</i> , 2011 , 63, 268-273 | 2.3 | 29 |
| 3 | Chemical structure of poly(β -cyclodextrin-co-citric acid). <i>Journal of Applied Polymer Science</i> , 2011 , 119, 3511-3520 | 2.9 | 27 |
| 2 | Kinetic study of the condensation of salicylaldehyde with diethyl malonate in a nonpolar solvent catalyzed by secondary amines. <i>International Journal of Chemical Kinetics</i> , 2009 , 41, 589-598 | 1.4 | 4 |
| 1 | Microwave induced thermal gradients in solventless reaction systems. <i>Tetrahedron</i> , 2006 , 62, 9440-9445 | 2.4 | 31 |