

List of Publications by Citations

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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.

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|-------------------|-----------------------|----------------|-----------------|
| 45 papers | 815 citations | 17 h-index | 27 g-index |
| 45 ext. papers | 955 ext. citations | 4.4 avg, IF | 4.73 L-index |

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 45 | Pickering emulsions stabilized nanocellulosic-based nanoparticles for coumarin and curcumin nanoencapsulations: In vitro release, anticancer and antimicrobial activities. <i>Carbohydrate Polymers</i> , 2018 , 201, 317-328 | 10.3 | 81 |
| 44 | The removal of heavy metal ions from aqueous solutions by novel pH-sensitive hydrogels. <i>Journal of Hazardous Materials</i> , 2010 , 183, 521-32 | 12.8 | 71 |
| 43 | Genipin crosslinked gelatin-diosgenin-nanocellulose hydrogels for potential wound dressing and healing applications. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 651-663 | 7.9 | 48 |
| 42 | Synergistic removal of Cu(II) and nitrazine yellow dye using an eco-friendly chitosan-montmorillonite hydrogel: Optimization by response surface methodology. <i>Journal of Applied Polymer Science</i> , 2016 , 133, | 2.9 | 45 |
| 41 | Redox polymerization of methyl methacrylate with allyl alcohol 1,2-butoxylate-block-ethoxylate initiated by Ce(IV)/HNO ₃ redox system. <i>European Polymer Journal</i> , 2005 , 41, 177-184 | 5.2 | 44 |
| 40 | Tailoring polymer architectures with macromonomer azoinitiators. <i>Polymer Chemistry</i> , 2012 , 3, 1107 | 4.9 | 38 |
| 39 | Dispersion redox copolymerization of methyl methacrylate with macromonomeric azoinitiator as a macrocrosslinker. <i>Polymer</i> , 2000 , 41, 539-544 | 3.9 | 35 |
| 38 | Novel phthalocyanine polymers with very flexible pentathiatetraethylene units. <i>Polymer</i> , 2006 , 47, 8462-8473 | 3.9 | 28 |
| 37 | A design optimization study on synthesized nanocrystalline cellulose, evaluation and surface modification as a potential biomaterial for prospective biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2018 , 114, 536-546 | 7.9 | 25 |
| 36 | Microemulsion polymerization of styrene in the presence of macroinimer. <i>Polymer</i> , 2003 , 44, 2193-2200 | 3.9 | 25 |
| 35 | On the role of hydrophilicity and hydrophobicity in aqueous heterophase polymerization. <i>Polymer</i> , 2005 , 46, 1003-1015 | 3.9 | 25 |
| 34 | Synthesis and characterization of new polymeric phthalocyanines substituted with diaza-18-crown-6 macrocycles through ethyleneoxy bridges. <i>Polyhedron</i> , 2007 , 26, 617-625 | 2.7 | 24 |
| 33 | Miniemulsion polymerization of styrene in the presence of macromonomeric initiators. <i>Polymer</i> , 2008 , 49, 4930-4934 | 3.9 | 24 |
| 32 | Novel Network Polymeric Phthalocyanines: Synthesis and Characterization. <i>Macromolecular Chemistry and Physics</i> , 2005 , 206, 2257-2268 | 2.6 | 24 |
| 31 | A novel reagent-assisted mechanochemical method for nickel recovery from lateritic ore. <i>Journal of Cleaner Production</i> , 2018 , 199, 616-632 | 10.3 | 23 |
| 30 | Nature-derived fibrous nanomaterial toward biomedicine and environmental remediation: Today's state and future prospects. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47878 | 2.9 | 20 |
| 29 | Fabrication and characterization of novel macroporous Jeffamine/diamino hexane cryogels for enhanced Cu(II) metal uptake: Optimization, isotherms, kinetics and thermodynamic studies. <i>Chemical Engineering Research and Design</i> , 2017 , 117, 122-138 | 5.5 | 18 |

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| 28 | Free radical crosslinking copolymerization. Gelation behavior of macromonomeric azoinitiators versus macrocrosslinkers. <i>Macromolecular Chemistry and Physics</i> , 1998 , 199, 163-168 | 2.6 | 16 |
| 27 | Novel macroporous cryogels with enhanced adsorption capability for the removal of Cu(II) ions from aqueous phase: Modelling, kinetics and recovery studies. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 1269-1280 | 6.8 | 15 |
| 26 | Preparation of Al, Ti, Zr-perfluoroheptanoate compounds and their use in ring opening polymerization. <i>Applied Catalysis A: General</i> , 2012 , 423-424, 205-210 | 5.1 | 14 |
| 25 | The Fabrication of Very Small Miniemulsion Latexes from N-Stearoylglutamate and Lauryl Methacrylate: Evidence for Droplet Budding. <i>Macromolecular Chemistry and Physics</i> , 2003 , 204, 1966-1970 | 2.6 | 14 |
| 24 | Fabrication and characterization of soft macroporous Jeffamine cryogels as potential materials for tissue applications. <i>RSC Advances</i> , 2016 , 6, 111872-111881 | 3.7 | 14 |
| 23 | Synthesis, characterization, aggregation and thermal properties of a novel polymeric metal-free phthalocyanine and its metal complexes. <i>Polyhedron</i> , 2009 , 28, 2268-2276 | 2.7 | 12 |
| 22 | Dispersion polymerization of styrene and methyl methacrylate initiated by poly(oxyethylene) macromonomeric azoinitiators. <i>Angewandte Makromolekulare Chemie</i> , 1995 , 231, 135-144 | | 12 |
| 21 | Diosgenin-conjugated PCL/PEG polymeric nanoparticles for the co-delivery of anticancer drugs: design, optimization, in vitro drug release and evaluation of anticancer activity. <i>New Journal of Chemistry</i> , 2019 , 43, 6622-6635 | 3.6 | 9 |
| 20 | Reversible aggregation of responsive polymer-stabilized colloids and the pH-dependent formation of porous scaffolds. <i>Soft Matter</i> , 2011 , 7, 7560 | 3.6 | 9 |
| 19 | Synthesis and characterization of new metal-free and metallophthalocyanines fused π -methylferrocenylmethoxy units. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010 , 67, 377-383 | | 9 |
| 18 | Synthesis and characterization of new monomeric and polymeric phthalocyanines. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 2115-2126 | 2.9 | 9 |
| 17 | Reactive Poly(ethylene glycol)s in Aqueous Radical Heterophase Polymerization. <i>Macromolecules</i> , 2003 , 36, 8638-8647 | 5.5 | 9 |
| 16 | Bioinspired modified nanocellulose adsorbent for enhanced boron recovery from aqueous media: Optimization, kinetics, thermodynamics and reusability study. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103281 | 6.8 | 8 |
| 15 | A response surface modelling study for sorption of Cu ²⁺ , Ni ²⁺ , Zn ²⁺ and Cd ²⁺ using chemically modified poly(vinylpyrrolidone) and poly(vinylpyrrolidone-co-methylacrylate) hydrogels. <i>Adsorption Science and Technology</i> , 2017 , 35, 263-283 | 3.6 | 7 |
| 14 | Pickering stabilized nanocellulose-alginate: A diosgenin-mediated delivery of quinalizarin as a potent cyto-inhibitor in human lung/breast cancer cell lines. <i>Materials Science and Engineering C</i> , 2020 , 109, 110621 | 8.3 | 7 |
| 13 | Inverse microemulsion copolymerization of butyl acrylate and acrylamide: kinetics, colloidal parameters and some model applications. <i>Polymer International</i> , 2007 , 56, 364-370 | 3.3 | 7 |
| 12 | Dispersion polymerization of styrene and methyl methacrylate initiated by macromonomeric azoinitiator. <i>Angewandte Makromolekulare Chemie</i> , 1999 , 265, 16-19 | | 7 |
| 11 | Free radical crosslinking copolymerization. Gelation behavior of macromonomeric azoinitiators versus macrocrosslinkers. <i>Macromolecular Chemistry and Physics</i> , 1998 , 199, 163-168 | 2.6 | 7 |

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| 10 | Synthesis, characterization and swelling investigations of novel polyetheramine-based hydrogels. <i>Polymer Bulletin</i> , 2017 , 74, 873-893 | 2.4 | 6 |
| 9 | A new Schiff base: Synthesis, characterization and optimization of metal ions-binding properties. <i>Separation Science and Technology</i> , 2016 , 51, 2138-2144 | 2.5 | 5 |
| 8 | Kinetics and colloidal parameters of miniemulsion polymerization of butyl acrylate. <i>Polymer International</i> , 2009 , 58, 1411-1421 | 3.3 | 5 |
| 7 | Composite latex production with high solid content. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47423-9 | 3.9 | 5 |
| 6 | Pyrocatechol Recovery from Aqueous Phase by Nanocellulose-Based Platelet-Shaped Gels: Response Surface Methodology and Artificial Neural Network Design Study. <i>Journal of Environmental Engineering, ASCE</i> , 2019 , 145, 04018140 | 2 | 4 |
| 5 | Functionalized Hybrid Coatings on ABS Surfaces by PLD and Dip Coatings. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016 , 26, 895-906 | 3.2 | 4 |
| 4 | The dispersion polymerization of unsaturated monomers initiated by the macromonomeric initiator. <i>Macromolecular Symposia</i> , 2002 , 179, 297-304 | 0.8 | 2 |
| 3 | Evaluation of the (Allyl alcohol 1,2-butoxylate-block-etoxyate)-b-PMMA Copolymers Composition by the Dielectric Measurements. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007 , 44, 1121-1126 | 2.2 | 1 |
| 2 | Synthesis of diosgenin derivatives by A and B ring modifications and low-valent titanium (TiO)-catalysed McMurry coupling reactions and designing to create novel biological agents. <i>Journal of Molecular Structure</i> , 2022 , 1256, 132511 | 3.4 | 0 |
| 1 | Preparation of hydrophobic macroinimer-based novel hybrid sorbents for efficient removal of organic liquids from wastewater. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 22064-22076 | 5.1 | 0 |