# Mahdi Abdollahi

List of Publications by Year
in descending order

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|---|---|---|---|
| 112 papers | 1,774 citations | 279701 23 h-index | 377752 34 g-index |
| 116 all docs | 116 docs citations | 116 times ranked | 1899 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effect of the incorporation of sulfonated chitosan/sulfonated graphene oxide on the proton conductivity of chitosan membranes. Journal of Power Sources, 2016, 306, 541-551. | 4.0 | 114 |
| 2 | Preparation, characterization and properties of proton exchange nanocomposite membranes based on poly(vinyl alcohol) and poly(sulfonic acid)-grafted silica nanoparticles. International Journal of Hydrogen Energy, 2013, 38, 5473-5479. | 3.8 | 65 |
| 3 | Review on Nanostructure Supporting Material Strategies in Shape-stabilized Phase Change Materials. Journal of Energy Storage, 2020, 29, 101299. | 3.9 | 65 |
| 4 | mPEG-PLA and PLA-PEG-PLA nanoparticles as new carriers for delivery of recombinant human Growth Hormone (rhGH). Scientific Reports, 2018, 8, 9854. | 1.6 | 64 |
| 5 | Kinetic study of radical polymerization. III. Solution polymerization of acrylamide by1H-NMR. Journal of Applied Polymer Science, 2004, 93, 2007-2013. | 1.3 | 43 |
| 6 | Novel three-dimensional, conducting, biocompatible, porous, and elastic polyaniline-based scaffolds for regenerative therapies. RSC Advances, 2016, 6, 19437-19451. | 1.7 | 42 |
| 7 | Synthesis and characterization of lignosulfonate/acrylamide graft copolymers and their application in environmentally friendly water- based drilling fluid. Journal of Petroleum Science and Engineering, 2018, 171, 484-494. | 2.1 | 42 |
| 8 | Highly proton conductive porous membranes based on polybenzimidazole/ lignin blends for high temperatures proton exchange membranes: Preparation, characterization and morphology-Âproton conductivity relationship. International Journal of Hydrogen Energy, 2018, 43, 19681-19690. | 3.8 | 38 |
| 9 | On the thermal performance of a novel PCM nanocapsule: The effect of core/shell. Renewable Energy, 2020, 151, 322-331. | 4.3 | 37 |
| 10 | Improved antifouling ability of thin film composite polyamide membrane modified by a pH-sensitive imidazole-based zwitterionic polyelectrolyte. Journal of Membrane Science, 2018, 564, 788-799. | 4.1 | 36 |
| 11 | Synthesis and physicochemical properties of dual-responsive acrylic acid/butyl acrylate cross-linked nanogel systems. Journal of Colloid and Interface Science, 2019, 556, 313-323. | 5.0 | 35 |
| 12 | Poly(Îµ-caprolactone) chains grafted from lignin, hydroxymethylated lignin and silica/lignin hybrid macroinitiators: Synthesis and characterization of lignin- based thermoplastic copolymers. Industrial Crops and Products, 2019, 130, 547-557. | 2.5 | 33 |
| 13 | Improved antifouling and self-cleaning ability of PVDF ultrafiltration membrane grafted with polymer brushes for oily water treatment. Journal of Industrial and Engineering Chemistry, 2020, 83, 401-408. | 2.9 | 33 |
| 14 | Design and fabrication of dual responsive lignin-based nanogel via â€œgrafting fromâ€•atom transfer radical polymerization for curcumin loading and release. Scientific Reports, 2021, 11, 1962. | 1.6 | 33 |
| 15 | Investigation into the effect of carboxylic acid monomer on particle nucleation and growth in emulsifier-free emulsion copolymerization of styreneâ€“butadieneâ€“acrylic acid. Polymer, 2004, 45, 3233-3239. | 1.8 | 32 |
| 16 | Kinetic study of radical polymerization. IV. Determination of reactivity ratio in copolymerization of styrene and itaconic acid by1H-NMR. Journal of Applied Polymer Science, 2006, 101, 2062-2069. | 1.3 | 31 |
| 17 | A new simple procedure to calculate monomer reactivity ratios by using on-line 1H NMR kinetic experiments: Copolymerization system with greater difference between the monomer reactivity ratios. Polymer, 2007, 48, 25-30. | 1.8 | 30 |
| 18 | Kinetic study of atom transfer radical homo- and copolymerization of styrene and methyl methacrylate initiated with trichloromethyl-terminated poly(vinyl acetate) macroinitiator. Polymer, 2008, 49, 3060-3069. | 1.8 | 29 |

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|---|---|---|---|
| 19 | Grafting of waterâ€soluble sulfonated monomers onto functionalized fumed silica nanoparticles via surfaceâ€initiated redox polymerization in aqueous medium. Polymer International, 2013, 62, 713-720. | 1.6 | 29 |
| 20 | Atom transfer radical polymerization of styrene and methyl (meth)acrylates initiated with poly(dimethylsiloxane) macroinitiator: Synthesis and characterization of triblock copolymers. Journal of Applied Polymer Science, 2012, 123, 2423-2430. | 1.3 | 26 |
| 21 | Effect of borax on the thermal and mechanical properties of ethyleneâ€propyleneâ€diene terpolymer rubberâ€based heat insulator. Journal of Applied Polymer Science, 2015, 132, . | 1.3 | 26 |
| 22 | A comprehensive study on the kinetics of aqueous free-radical homo- and copolymerization of acrylamide and diallyldimethylammonium chloride by online 1H-NMR spectroscopy. Journal of Polymer Research, 2013, 20, 1. | 1.2 | 24 |
| 23 | Preparation, morphology and gas permeation properties of carbon dioxide-selective vinyl acetate-based Polymer/Poly(ethylene oxide-b-amide 6) blend membranes. Polymer, 2017, 121, 274-285. | 1.8 | 24 |
| 24 | Synthesis and characterization of Schiff base containing bovine serum albumin-gum arabic aldehyde hybrid nanogels via inverse miniemulsion for delivery of anticancer drug. International Journal of Biological Macromolecules, 2021, 170, 222-231. | 3.6 | 24 |
| 25 | Preparation, characterization and properties of polymer electrolyte nanocomposite membranes containing silica nanoparticles modified via surface-initiated atom transfer radical polymerization. International Journal of Hydrogen Energy, 2015, 40, 3749-3761. | 3.8 | 23 |
| 26 | High temperature proton exchange porous membranes based on polybenzimidazole/ lignosulfonate blends: Preparation, morphology and physical and proton conductivity properties. International Journal of Hydrogen Energy, 2019, 44, 30440-30453. | 3.8 | 22 |
| 27 | Synthesis of novel thermoresponsive micelles by graft copolymerization of N-isopropylacrylamide on poly(Îµ-caprolactone-co-Î±-bromo-Îµ-caprolactone) as macroinitiator via ATRP. Journal of Polymer Research, 2013, 20, 1. | 1.2 | 21 |
| 28 | Modification of silica nanoparticles with hydrophilic sulfonated polymers by using surface-initiated redox polymerization. Iranian Polymer Journal (English Edition), 2012, 21, 661-668. | 1.3 | 20 |
| 29 | Synthesis, characterization, rheological properties and hydrophobic nano-association of acrylamide/styrene and acrylamide/sodium styrene sulfonate/styrene co- and terpolymers. Journal of Polymer Research, 2016, 23, 1. | 1.2 | 19 |
| 30 | Proton conducting porous membranes based on poly(benzimidazole) and poly(acrylic acid) blends for high temperature proton exchange membranes. Solid State Ionics, 2019, 337, 122-131. | 1.3 | 19 |
| 31 | Enhancing medium/high temperature proton conductivity of poly(benzimidazole)-based proton exchange membrane via blending with poly(vinyl imidazole-co-vinyl phosphonic acid) copolymer: Proton conductivity-copolymer microstructure relationship. European Polymer Journal, 2020, 131, 109691. | 2.6 | 19 |
| 32 | Kinetic study of radical polymerization. VII. Investigation into the solution copolymerization of acrylonitrile and itaconic acid by real-time1H NMR spectroscopy. Journal of Applied Polymer Science, 2007, 103, 3253-3260. | 1.3 | 18 |
| 33 | Synthesis and characterization of paraffin wax nanocapsules with polyurethane shell (PU/PW); the droplet size distribution: A key factor for thermal performance. Renewable Energy, 2021, 163, 720-731. | 4.3 | 18 |
| 34 | Effect of Carboxylic Acid Monomer Type on Particle Nucleation and Growth in Emulsifier-free Emulsion Copolymerization of Styrene-Carboxylic Acid Monomer. Polymer Journal, 2007, 39, 802-812. | 1.3 | 17 |
| 35 | Structure and Mechanical Properties of 50/50 NR/SBR Blend/Pristine Clay Nanocomposites. Journal of Macromolecular Science - Physics, 2008, 47, 523-531. | 0.4 | 17 |
| 36 | Effect of nanoclay and macroinitiator on the kinetics of atom transfer radical homo- and copolymerization of styrene and methyl methacrylate initiated with CCl3-terminated poly (vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 | 4.0 | 17 |

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|---|---|---|---|
| 37 | Hydrophilic polymer/fumed silica hybrid nanoparticles synthesized via surface-initiated redox polymerization. Journal of Polymer Research, 2012, 19, 1. | 1.2 | 17 |
| 38 | Kinetic investigation of the reversible addition-fragmentation chain transfer polymerization of 1,3-butadiene. Journal of Polymer Research, 2013, 20, 1. | 1.2 | 17 |
| 39 | Effects of compounding procedure on morphology development, melt rheology, and mechanical properties of nanoclay reinforced dynamically vulcanized EPDM/polypropylene thermoplastic vulcanizates. Polymer Engineering and Science, 2016, 56, 914-921. | 1.5 | 17 |
| 40 | Dynamic interfacial properties and foamability of polyelectrolyte-surfactant mixtures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 562, 345-353. | 2.3 | 17 |
| 41 | Atom transfer radical homoâ€•and copolymerization of styrene and methyl acrylate initiated with trichloromethylâ€•terminated poly(vinyl acetate) macroinitiator: A kinetic study. Journal of Applied Polymer Science, 2009, 114, 2509-2521. | 1.3 | 16 |
| 42 | Synthesis and Characterization of a Nano-Polyplex system of GNRs-PDMAEA-pDNA: An Inert Self-Catalyzed Degradable Carrier for Facile Gene Delivery. Scientific Reports, 2018, 8, 8112. | 1.6 | 16 |
| 43 | Kinetic Study of Radical Polymerization v. Determination of Reactivity Ratio in Copolymerization of Acrylonitrile and Itaconic Acid by1Hâ€NMR. Journal of Macromolecular Science - Pure and Applied Chemistry, 2006, 43, 1583-1596. | 1.2 | 15 |
| 44 | Preparation and characterization of polyaniline Nâ€grafted with poly(ethyl acrylate) synthesized via atom transfer radical polymerization. Journal of Applied Polymer Science, 2013, 128, 47-53. | 1.3 | 15 |
| 45 | Grafting of hydrophilic monomers onto aminopropyl-functionalized sodium montmorillonite via surface-initiated redox polymerization. Polymer International, 2014, 63, 576-583. | 1.6 | 15 |
| 46 | Rheological properties of acrylamide/butyl acrylate/2-acrylamido-2-methyl-1-propane sulfonic acid co- and terpolymers synthesized by heterogeneous and micellar methods. Polymer Bulletin, 2017, 74, 5145-5161. | 1.7 | 15 |
| 47 | Comparative life cycle assessment of polymeric membranes: Polyacrylonitrile, polyvinylimidazole and poly (acrylonitrile-co-vinylimidazole) applied for CO2 sequestration. Environmental Technology and Innovation, 2021, 22, 101507. | 3.0 | 15 |
| 48 | Preparation, characterization and proton transport of new porous nanocomposite membranes based on polybenzimidazole, lignin and<scp>TiO<sub>2</sub></scp>nanoparticles for high temperature PEM fuel cells. International Journal of Energy Research, 2021, 45, 20057-20072. | 2.2 | 15 |
| 49 | Freeâ€•radical homoâ€•and copolymerization of vinyl acetate and nâ€butyl acrylate: Kinetic studies by online <sup>1</sup>H NMR kinetic experiments. Journal of Applied Polymer Science, 2012, 123, 543-553. | 1.3 | 14 |
| 50 | Using1H-NMR spectroscopy for the kinetic study of thein situ solution free-radical copolymerization of styrene and ethyl acrylate. Journal of Applied Polymer Science, 2007, 105, 2588-2597. | 1.3 | 13 |
| 51 | A comprehensive study on kinetics of free-radical solution copolymerization of vinyl acetate and dibutyl maleate in chloroform. Journal of Polymer Research, 2014, 21, 1. | 1.2 | 13 |
| 52 | Using fumed silica nanoparticles modified with hydrophilic sulfonated polymers in the proton exchange nanocomposite membranes. Polymer Science - Series A, 2015, 57, 667-674. | 0.4 | 13 |
| 53 | Synthesis, microstructural characterization and hydrophobic intermolecular nano-aggregation behavior of acrylamide/2-acrylamido-2-methy-1-propane sulfonic acid/butyl acrylate co- and terpolymers. Journal of Polymer Research, 2015, 22, 1. | 1.2 | 13 |
| 54 | Preparation of foulingâ€•resistant and selfâ€•cleaning PVDF membrane via surfaceâ€•initiated atom transfer radical polymerization for emulsified oil/water separation. Canadian Journal of Chemical Engineering, 2019, 97, 1581-1588. | 0.9 | 13 |

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|---|---|---|---|
| 55 | Controlled radical copolymerization of vinyl acetate and dibutyl maleate by iodine transfer radical polymerization. Polymer International, 2014, 63, 1494-1504. | 1.6 | 12 |
| 56 | Experimental measurements and thermodynamic modeling of the cloud point pressure for solubility of copolymers of vinyl acetate and dibutyl maleate in supercritical CO2. Fluid Phase Equilibria, 2016, 425, 136-142. | 1.4 | 12 |
| 57 | Using an Inhibitor to Prevent Plasticizer Migration from Polyurethane Matrix to EPDM Based Substrate. Chinese Journal of Polymer Science (English Edition), 2019, 37, 681-686. | 2.0 | 12 |
| 58 | Dual physically and chemically cross-linked polyelectrolyte nanohydrogels: Compositional and pH-dependent behavior studies. European Polymer Journal, 2020, 122, 109398. | 2.6 | 12 |
| 59 | The comparison between initial charge, shot and modified shot processes and their effects on macrostructure of particles in emulsion copolymerization of styreneâ€“butadieneâ€“acrylic acid. Reactive and Functional Polymers, 2006, 66, 247-254. | 2.0 | 11 |
| 60 | Kinetic Study of Atom Transfer Radical Copolymerization of Methyl Acrylate and Methyl Methacrylate Initiated with Poly(vinyl acetate) Macroinitiator. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 953-961. | 1.2 | 11 |
| 61 | Prediction of proton conductivity of graphene oxide-containing polymeric membranes. International Journal of Hydrogen Energy, 2014, 39, 1760-1768. | 3.8 | 11 |
| 62 | Structure and properties of NR/BR blend/clay nanocomposites prepared by the latex method. Polymer Science - Series A, 2013, 55, 115-120. | 0.4 | 10 |
| 63 | Reverse iodine transfer radical copolymerization of vinyl acetate and dibutyl maleate: synthesis and characterization of alternating and block copolymers. Journal of Polymer Research, 2015, 22, 1. | 1.2 | 10 |
| 64 | Thermal, mechanical, and barrier properties of polyethylene/surlyn/organoclay nanocomposites blown films prepared by different mixing methods. Journal of Vinyl and Additive Technology, 2015, 21, 60-69. | 1.8 | 10 |
| 65 | Kinetic Study of Radical Polymerization VIII. A Comprehensive Study of Solution Copolymerization of Vinyl Acetate and Methyl Acrylate by1Hâ€NMR Spectroscopy. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 839-848. | 1.2 | 9 |
| 66 | Effect of carboxylic acid monomer and butadiene on particle growth in the emulsifier-free emulsion copolymerization of styreneâ€“butadieneâ€“carboxylic acid monomer. Polymer, 2007, 48, 2035-2045. | 1.8 | 9 |
| 67 | Kinetic study of the freeâ€radical polymerization of vinyl acetate in the presence of deuterated chloroform by <sup>1</sup>Hâ€NMR spectroscopy. Journal of Applied Polymer Science, 2008, 110, 1784-1796. | 1.3 | 9 |
| 68 | A Thermodynamic Approach to Model Proton Conductivity of Nafion-117 Membranes: Temperature and Water Content Effects. Journal of the Electrochemical Society, 2015, 162, F1096-F1100. | 1.3 | 9 |
| 69 | Synthesis of polyacrylamides hydrophobically modified with butyl acrylate using a nanoclay with interlayer spaces for butyl acrylate aggregation: studies on the microstructure and aqueous solution viscosity. RSC Advances, 2015, 5, 102844-102855. | 1.7 | 9 |
| 70 | Preparation of poly(vinyl acetate-co-dibutyl maleate)/ sodium-montmorillonite nanocomposite via in situ reverse iodine transfer radical polymerization. Journal of Polymer Research, 2014, 21, 1. | 1.2 | 8 |
| 71 | Kinetic Study of Radical Polymerization VI. Copolymer Composition and Kinetic Parameters for Coplymerization of Styreneâ€Itaconic Acid by Onâ€Line1Hâ€NMR. Journal of Macromolecular Science - Pure and Applied Chemistry, 2006, 43, 1597-1608. | 1.2 | 7 |
| 72 | Reverse iodine transfer polymerization of vinyl acetate and vinyl benzoate: synthesis and characterization of homo- and copolymers. Polymer International, 2015, 64, 1808-1819. | 1.6 | 7 |

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|---|---|---|---|
| 73 | Synthesis and microstructural characterization of low to high molecular weight poly(vinylphosphonic acid)s: effect of molecular weight and temperature on acidity and polyelectrolyte behavior. Journal of Polymer Research, 2017, 24, 1. | 1.2 | 7 |
| 74 | Copolymer microstructure, nanocomposite morphology and aqueous solution viscosity of styrene-modified polyacrylamides in situ synthesized in presence of clay mineral. Applied Clay Science, 2018, 151, 10-19. | 2.6 | 7 |
| 75 | An efficient method for straightforward phosphorylation of ethylene/vinyl alcohol copolymers using trialkyl phosphite/iodine. Polymer, 2019, 169, 215-224. | 1.8 | 7 |
| 76 | Inâ€situ polymerization of aliphaticâ€aromatic polyamide nanocomposites in the presence of Halloysite nanotubes. Polymers for Advanced Technologies, 2019, 30, 538-544. | 1.6 | 7 |
| 77 | Investigation of electric fieldâ€aligned edgeâ€oxidized graphene oxide nanoplatelets in polyethersulfone matrix in terms of pure water permeation and dye rejection. Polymers for Advanced Technologies, 2021, 32, 1531-1547. | 1.6 | 7 |
| 78 | Studies of thermal, mechanical properties, and kinetic cure reaction of <scp>carboxylâ€terminated</scp> polybutadiene acrylonitrile liquid rubber with diepoxy octane. Journal of Applied Polymer Science, 2021, 138, 49932. | 1.3 | 7 |
| 79 | Effect of the carboxylic acid monomer type on the emulsifier-free emulsion copolymerization of styrene and butadiene. Journal of Applied Polymer Science, 2007, 106, 828-836. | 1.3 | 6 |
| 80 | Structure and properties of natural rubber/butadiene rubber (NR/BR) blend/sodium-montmorillonite nanocomposites prepared via a combined latex/melt intercalation method. Polymer Science - Series A, 2011, 53, 1175-1181. | 0.4 | 6 |
| 81 | A new method to determine monomer concentration in the polymer particles of emulsion polymerization systems by dynamic light scattering. Journal of Applied Polymer Science, 2009, 114, 1055-1063. | 1.3 | 5 |
| 82 | Parametric Studies on the Grafting of Poly(Methyl Methacrylate) onto Organophilic Montmorillonite Using Silylated Clay Platelets. Journal of Macromolecular Science - Physics, 2014, 53, 957-974. | 0.4 | 5 |
| 83 | Reverse iodine transfer radical copolymerization of vinyl acetate and vinyl benzoate: a kinetic study. Polymer Bulletin, 2018, 75, 1823-1841. | 1.7 | 5 |
| 84 | Study of Polypyrrole/Graphene Oxide Nanocomposite Structural and Morphological Changes Including Porosity. Polymer Science - Series B, 2018, 60, 664-674. | 0.3 | 5 |
| 85 | Synthesis and characterization of multiarm star-shaped water-soluble graft copolymer through atom transfer radical polymerization of acrylamide initiated from bio-based lignin macroinitiator. Wood Science and Technology, 2020, 54, 1569-1585. | 1.4 | 5 |
| 86 | Simultaneous enhancement of CO2 permeability and CO2/CH4 and CO2/N2 selectivity via incorporating dense, rubbery and CO2-philic vinyl acetate- based copolymers into poly(ethylene oxide-b-amide 6) membranes. Reactive and Functional Polymers, 2020, 154, 104673. | 2.0 | 5 |
| 87 | Synthesis and structural characterization of lignin/silica hybrid nanoparticles functionalized with sulfonic acid-terminated polyamidoamine. Wood Science and Technology, 2020, 54, 249-268. | 1.4 | 5 |
| 88 | Poly(benzimidazole)/poly(vinylphosphonic acid) blend membranes with enhanced performance for high temperature polymer electrolyte membrane fuel cells. Solid State Ionics, 2021, 364, 115635. | 1.3 | 5 |
| 89 | Ï‰-Iodinated poly(dimethylsiloxane) as a chain transfer agent in iodine transfer radical polymerization of vinyl acetate and dibutyl maleate: synthesis and structural characterization. Journal of Polymer Research, 2016, 23, 1. | 1.2 | 4 |
| 90 | Synthesis of polybutadiene nanoparticles by emulsion polymerization: The effect of electrolyte and initiator type on particle size and reaction kinetics. Iranian Polymer Journal (English Edition), 2017, 26, 1-10. | 1.3 | 4 |

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|---|---|---|---|
| 91 | Synthesis, characterization and rheological properties of acrylamide/ acidic monomer/ N-(4-ethylphenyl) acrylamide Terpolymers as pH- responsive hydrogels and nanogels. Polymer-Plastics Technology and Materials, 2020, 59, 441-455. | 0.6 | 4 |
| 92 | Scale variation enhancement on heat transfer performance of cubic-like polymeric aerogel: With regard to structural parameters. Numerical Heat Transfer; Part A: Applications, 2020, 77, 853-871. | 1.2 | 4 |
| 93 | Design and fabrication of high performance membrane for carbon dioxide separation via blending poly(ethylene oxide-b-amid 6) with dense, glassy and highly CO2-philic amidoximated polymers. Reactive and Functional Polymers, 2021, 167, 105014. | 2.0 | 4 |
| 94 | A new general approach to determine more accurate comonomer reactivity ratios in controlled/living radical copolymerization systems. Journal of Applied Polymer Science, 2011, 122, 1341-1349. | 1.3 | 3 |
| 95 | Effect of monomer/nanoclay interaction on the kinetics of atom transfer radical homo- and copolymerization of styrene and methyl acrylate. Polymer Science - Series B, 2012, 54, 247-258. | 0.3 | 3 |
| 96 | New Insight into Solubility Prediction of Carbon Dioxide and Methane in Different Glassy Homopolymers and Their Polymer Blends Using the NET-GP Model through an Explicit Solution for Swelling Coefficient. Industrial & Engineering Chemistry Research, 2021, 60, 14884-14902. | 1.8 | 3 |
| 97 | Surface and bulk modification of ethylene-propylene-diene terpolymer elastomer: Adhesion to polyurethane and mechanical properties. Polymer Science - Series A, 2016, 58, 186-195. | 0.4 | 2 |
| 98 | Proficiency feasibility of multi-walled carbon nanotubes in the presence of polymeric surfactant on enhanced oil recovery. AIP Conference Proceedings, 2018, , . | 0.3 | 2 |
| 99 | Improvement in Adhesion between Ethyleneâ€“Propyleneâ€“Diene Terpolymer (EPDM)-based Elastomer and Polyurethane Coating Using Epoxyâ€“Polysulfide Copolymer As Adhesion Promoter. Polymer Science - Series A, 2018, 60, 655-662. | 0.4 | 2 |
| 100 | Synthesis, characterization, rheological and self-assembly behavior of polyelectrolytes hydrophobically modified with high styrene content: Effect of external parameters on thickening properties and nano-associations. Journal of Dispersion Science and Technology, 2020, 41, 751-762. | 1.3 | 2 |
| 101 | A Predictive Thermodynamic-Based Model for Proton Conductivity of Proton Exchange Membranes Based on Poly(Benzimidazole)/Poly(Acrylic Acid) Blend. Journal of the Electrochemical Society, 2020, 167, 104503. | 1.3 | 2 |
| 102 | Radical polymerization of butadiene mediated by molecular iodine: A comprehensive kinetic study on solution copolymerization with acrylonitrile. Polymer, 2021, 214, 123255. | 1.8 | 2 |
| 103 | Determining chemospecificity in reactions with chain transfer agent and corresponding radical via evaluation of molecular weight dependency of apparent comonomer reactivity ratios: free-radical copolymerization of vinyl acetate and dibutyl maleate. RSC Advances, 2016, 6, 109759-109768. | 1.7 | 1 |
| 104 | Evaluation of moisture diffusion as a threat to polymer/inorganic nanoparticles composites properties: Polystyrene/calcium sulfate nanocomposite as a case study. Polymers and Polymer Composites, 2020, , 096739112095686. | 1.0 | 1 |
| 105 | Effect of Chemical Composition of Vinyl Acetate/Dibutyl Maleat Copolymers on the Permeation Properties of Blend Membranes Based on Poly(Ethylene Oxide-B-Amide6) Block Copolymer for Carbon Dioxide Separation. , 2020, , 528-532. | | 1 |
| 106 | Hydroxymethylation followed by Î±-bromoisobutyrylation as an effective and precise method for characterization of functional groups of hydroxymethylated lignin. Wood Science and Technology, 2020, 54, 615-636. | 1.4 | 1 |
| 107 | Facile Method for Morphological Characterization at Nano Scale. Iranian Journal of Biotechnology, 2020, 18, e2645. | 0.3 | 1 |
| 108 | Structure and properties of styrene-butadiene rubber/ pristine clay nanocomposites prepared by latex compounding method. E-Polymers, 2007, 7, . | 1.3 | 0 |

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|---|---|---|---|
| 109 | Structure and Mechanical Properties of Carboxylated Styrene-Butadiene Rubber (XSBR)/Pristine Clay Nanocomposites. E-Polymers, 2007, 7, . | 1.3 | 0 |
| 110 | A new method to determine monomer concentration in the polymer particles of emulsion polymerization systems by dynamic light scattering. Journal of Applied Polymer Science, 2018, 135, 45708. | 1.3 | 0 |
| 111 | Radical polymerization of butadiene mediated by molecular iodine: a kinetic study of solution homopolymerization. Journal of Polymer Research, 2021, 28, 1. | 1.2 | 0 |
| 112 | Reverse iodine transfer copolymerization of styrene and acrylonitrile: copolymer synthesis, characterization and kinetic study. Journal of Polymer Research, 2021, 28, 1. | 1.2 | 0 |