

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	Synthesis and characterization of paraffin wax nanocapsules with polyurethane shell (PU/PW); the droplet size distribution: A key factor for thermal performance. <i>Renewable Energy</i> , 2021, 163, 720-731.	4.3	18
2	Radical polymerization of butadiene mediated by molecular iodine: A comprehensive kinetic study on solution copolymerization with acrylonitrile. <i>Polymer</i> , 2021, 214, 123255.	1.8	2
3	Investigation of electric fieldâ€aligned edgeâ€oxidized graphene oxide nanoplatelets in polyethersulfone matrix in terms of pure water permeation and dye rejection. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1531-1547.	1.6	7
4	Studies of thermal, mechanical properties, and kinetic cure reaction of <sc>carboxylâ€terminated</sc> polybutadiene acrylonitrile liquid rubber with diepoxy octane. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49932.	1.3	7
5	Design and fabrication of dual responsive lignin-based nanogel via â€grafting fromâ€atom transfer radical polymerization for curcumin loading and release. <i>Scientific Reports</i> , 2021, 11, 1962.	1.6	33
6	Synthesis and characterization of Schiff base containing bovine serum albumin-gum arabic aldehyde hybrid nanogels via inverse miniemulsion for delivery of anticancer drug. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 222-231.	3.6	24
7	Comparative life cycle assessment of polymeric membranes: Polyacrylonitrile, polyvinylimidazole and poly (acrylonitrile-co-vinylimidazole) applied for CO ₂ sequestration. <i>Environmental Technology and Innovation</i> , 2021, 22, 101507.	3.0	15
8	Poly(benzimidazole)/poly(vinylphosphonic acid) blend membranes with enhanced performance for high temperature polymer electrolyte membrane fuel cells. <i>Solid State Ionics</i> , 2021, 364, 115635.	1.3	5
9	Radical polymerization of butadiene mediated by molecular iodine: a kinetic study of solution homopolymerization. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	0
10	Reverse iodine transfer copolymerization of styrene and acrylonitrile: copolymer synthesis, characterization and kinetic study. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	0
11	Preparation, characterization and proton transport of new porous nanocomposite membranes based on polybenzimidazole, lignin and <sc>TiO₂</sc> nanoparticles for high temperature PEM fuel cells. <i>International Journal of Energy Research</i> , 2021, 45, 20057-20072.	2.2	15
12	Design and fabrication of high performance membrane for carbon dioxide separation via blending poly(ethylene oxide-b-amid 6) with dense, glassy and highly CO ₂ -philic amidoximated polymers. <i>Reactive and Functional Polymers</i> , 2021, 167, 105014.	2.0	4
13	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. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 14884-14902.	1.8	3
14	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. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 751-762.	1.3	2
15	Synthesis, characterization and rheological properties of acrylamide/ acidic monomer/ N-(4-ethylphenyl) acrylamide Terpolymers as pH- responsive hydrogels and nanogels. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 441-455.	0.6	4
16	On the thermal performance of a novel PCM nanocapsule: The effect of core/shell. <i>Renewable Energy</i> , 2020, 151, 322-331.	4.3	37
17	Improved antifouling and self-cleaning ability of PVDF ultrafiltration membrane grafted with polymer brushes for oily water treatment. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 83, 401-408.	2.9	33
18	Dual physically and chemically cross-linked polyelectrolyte nanohydrogels: Compositional and pH-dependent behavior studies. <i>European Polymer Journal</i> , 2020, 122, 109398.	2.6	12

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19	Synthesis and characterization of multiarm star-shaped water-soluble graft copolymer through atom transfer radical polymerization of acrylamide initiated from bio-based lignin macroinitiator. <i>Wood Science and Technology</i> , 2020, 54, 1569-1585.	1.4	5
20	Evaluation of moisture diffusion as a threat to polymer/inorganic nanoparticles composites properties: Polystyrene/calcium sulfate nanocomposite as a case study. <i>Polymers and Polymer Composites</i> , 2020, , 096739112095686.	1.0	1
21	Review on Nanostructure Supporting Material Strategies in Shape-stabilized Phase Change Materials. <i>Journal of Energy Storage</i> , 2020, 29, 101299.	3.9	65
22	A Predictive Thermodynamic-Based Model for Proton Conductivity of Proton Exchange Membranes Based on Poly(Benzimidazole)/Poly(Acrylic Acid) Blend. <i>Journal of the Electrochemical Society</i> , 2020, 167, 104503.	1.3	2
23	Simultaneous enhancement of CO ₂ permeability and CO ₂ /CH ₄ and CO ₂ /N ₂ selectivity via incorporating dense, rubbery and CO ₂ -philic vinyl acetate- based copolymers into poly(ethylene oxide-b-amide 6) membranes. <i>Reactive and Functional Polymers</i> , 2020, 154, 104673.	2.0	5
24	Scale variation enhancement on heat transfer performance of cubic-like polymeric aerogel: With regard to structural parameters. <i>Numerical Heat Transfer; Part A: Applications</i> , 2020, 77, 853-871.	1.2	4
25	Synthesis and structural characterization of lignin/silica hybrid nanoparticles functionalized with sulfonic acid-terminated polyamidoamine. <i>Wood Science and Technology</i> , 2020, 54, 249-268.	1.4	5
26	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. <i>European Polymer Journal</i> , 2020, 131, 109691.	2.6	19
27	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
28	Hydroxymethylation followed by β -bromoisobutyrylation as an effective and precise method for characterization of functional groups of hydroxymethylated lignin. <i>Wood Science and Technology</i> , 2020, 54, 615-636.	1.4	1
29	Facile Method for Morphological Characterization at Nano Scale. <i>Iranian Journal of Biotechnology</i> , 2020, 18, e2645.	0.3	1
30	Synthesis and physicochemical properties of dual-responsive acrylic acid/butyl acrylate cross-linked nanogel systems. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 313-323.	5.0	35
31	High temperature proton exchange porous membranes based on polybenzimidazole/ lignosulfonate blends: Preparation, morphology and physical and proton conductivity properties. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 30440-30453.	3.8	22
32	Using an Inhibitor to Prevent Plasticizer Migration from Polyurethane Matrix to EPDM Based Substrate. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 681-686.	2.0	12
33	Proton conducting porous membranes based on poly(benzimidazole) and poly(acrylic acid) blends for high temperature proton exchange membranes. <i>Solid State Ionics</i> , 2019, 337, 122-131.	1.3	19
34	An efficient method for straightforward phosphorylation of ethylene/vinyl alcohol copolymers using trialkyl phosphite/iodine. <i>Polymer</i> , 2019, 169, 215-224.	1.8	7
35	Dynamic interfacial properties and foamability of polyelectrolyte-surfactant mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 562, 345-353.	2.3	17
36	Poly(μ -caprolactone) chains grafted from lignin, hydroxymethylated lignin and silica/lignin hybrid macroinitiators: Synthesis and characterization of lignin- based thermoplastic copolymers. <i>Industrial Crops and Products</i> , 2019, 130, 547-557.	2.5	33

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37	Preparation of fouling-resistant and self-cleaning PVDF membrane via surface-initiated atom transfer radical polymerization for emulsified oil/water separation. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 1581-1588.	0.9	13
38	In-situ polymerization of aliphatic-aromatic polyamide nanocomposites in the presence of Halloysite nanotubes. <i>Polymers for Advanced Technologies</i> , 2019, 30, 538-544.	1.6	7
39	Proficiency feasibility of multi-walled carbon nanotubes in the presence of polymeric surfactant on enhanced oil recovery. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	2
40	A new method to determine monomer concentration in the polymer particles of emulsion polymerization systems by dynamic light scattering. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45708.	1.3	0
41	Copolymer microstructure, nanocomposite morphology and aqueous solution viscosity of styrene-modified polyacrylamides in situ synthesized in presence of clay mineral. <i>Applied Clay Science</i> , 2018, 151, 10-19.	2.6	7
42	Reverse iodine transfer radical copolymerization of vinyl acetate and vinyl benzoate: a kinetic study. <i>Polymer Bulletin</i> , 2018, 75, 1823-1841.	1.7	5
43	Highly proton conductive porous membranes based on polybenzimidazole/ lignin blends for high temperatures proton exchange membranes: Preparation, characterization and morphology-Âproton conductivity relationship. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 19681-19690.	3.8	38
44	Study of Polypyrrole/Graphene Oxide Nanocomposite Structural and Morphological Changes Including Porosity. <i>Polymer Science - Series B</i> , 2018, 60, 664-674.	0.3	5
45	Improvement in Adhesion between Ethylene-Propylene-Diene Terpolymer (EPDM)-based Elastomer and Polyurethane Coating Using Epoxy-Polysulfide Copolymer As Adhesion Promoter. <i>Polymer Science - Series A</i> , 2018, 60, 655-662.	0.4	2
46	Synthesis and Characterization of a Nano-Polyplex system of GNRs-PDMAEA-pDNA: An Inert Self-Catalyzed Degradable Carrier for Facile Gene Delivery. <i>Scientific Reports</i> , 2018, 8, 8112.	1.6	16
47	mPEG-PLA and PLA-PEG-PLA nanoparticles as new carriers for delivery of recombinant human Growth Hormone (rhGH). <i>Scientific Reports</i> , 2018, 8, 9854.	1.6	64
48	Synthesis and characterization of lignosulfonate/acrylamide graft copolymers and their application in environmentally friendly water- based drilling fluid. <i>Journal of Petroleum Science and Engineering</i> , 2018, 171, 484-494.	2.1	42
49	Improved antifouling ability of thin film composite polyamide membrane modified by a pH-sensitive imidazole-based zwitterionic polyelectrolyte. <i>Journal of Membrane Science</i> , 2018, 564, 788-799.	4.1	36
50	Preparation, morphology and gas permeation properties of carbon dioxide-selective vinyl acetate-based Polymer/Poly(ethylene oxide-b-amide 6) blend membranes. <i>Polymer</i> , 2017, 121, 274-285.	1.8	24
51	Rheological properties of acrylamide/butyl acrylate/2-acrylamido-2-methyl-1-propane sulfonic acid co- and terpolymers synthesized by heterogeneous and micellar methods. <i>Polymer Bulletin</i> , 2017, 74, 5145-5161.	1.7	15
52	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. <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	7
53	Synthesis of polybutadiene nanoparticles by emulsion polymerization: The effect of electrolyte and initiator type on particle size and reaction kinetics. <i>Iranian Polymer Journal (English Edition)</i> , 2017, 26, 1-10.	1.3	4
54	Experimental measurements and thermodynamic modeling of the cloud point pressure for solubility of copolymers of vinyl acetate and dibutyl maleate in supercritical CO ₂ . <i>Fluid Phase Equilibria</i> , 2016, 425, 136-142.	1.4	12

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55	Synthesis, characterization, rheological properties and hydrophobic nano-association of acrylamide/styrene and acrylamide/sodium styrene sulfonate/styrene co- and terpolymers. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	19
56	Surface and bulk modification of ethylene-propylene-diene terpolymer elastomer: Adhesion to polyurethane and mechanical properties. <i>Polymer Science - Series A</i> , 2016, 58, 186-195.	0.4	2
57	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. <i>RSC Advances</i> , 2016, 6, 109759-109768.	1.7	1
58	Effects of compounding procedure on morphology development, melt rheology, and mechanical properties of nanoclay reinforced dynamically vulcanized EPDM/polypropylene thermoplastic vulcanizates. <i>Polymer Engineering and Science</i> , 2016, 56, 914-921.	1.5	17
59	I ⁻ -Iodinated poly(dimethylsiloxane) as a chain transfer agent in iodine transfer radical polymerization of vinyl acetate and dibutyl maleate: synthesis and structural characterization. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	4
60	Novel three-dimensional, conducting, biocompatible, porous, and elastic polyaniline-based scaffolds for regenerative therapies. <i>RSC Advances</i> , 2016, 6, 19437-19451.	1.7	42
61	Effect of the incorporation of sulfonated chitosan/sulfonated graphene oxide on the proton conductivity of chitosan membranes. <i>Journal of Power Sources</i> , 2016, 306, 541-551.	4.0	114
62	Reverse iodine transfer polymerization of vinyl acetate and vinyl benzoate: synthesis and characterization of homo- and copolymers. <i>Polymer International</i> , 2015, 64, 1808-1819.	1.6	7
63	Preparation, characterization and properties of polymer electrolyte nanocomposite membranes containing silica nanoparticles modified via surface-initiated atom transfer radical polymerization. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 3749-3761.	3.8	23
64	Effect of borax on the thermal and mechanical properties of ethylene-propylene-diene terpolymer rubber-based heat insulator. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	26
65	A Thermodynamic Approach to Model Proton Conductivity of Nafion-117 Membranes: Temperature and Water Content Effects. <i>Journal of the Electrochemical Society</i> , 2015, 162, F1096-F1100.	1.3	9
66	Reverse iodine transfer radical copolymerization of vinyl acetate and dibutyl maleate: synthesis and characterization of alternating and block copolymers. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	10
67	Using fumed silica nanoparticles modified with hydrophilic sulfonated polymers in the proton exchange nanocomposite membranes. <i>Polymer Science - Series A</i> , 2015, 57, 667-674.	0.4	13
68	Synthesis, microstructural characterization and hydrophobic intermolecular nano-aggregation behavior of acrylamide/2-acrylamido-2-methyl-1-propane sulfonic acid/butyl acrylate co- and terpolymers. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	13
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. <i>RSC Advances</i> , 2015, 5, 102844-102855.	1.7	9
70	Thermal, mechanical, and barrier properties of polyethylene/surlin/organoclay nanocomposites blown films prepared by different mixing methods. <i>Journal of Vinyl and Additive Technology</i> , 2015, 21, 60-69.	1.8	10
71	A comprehensive study on kinetics of free-radical solution copolymerization of vinyl acetate and dibutyl maleate in chloroform. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	13
72	Preparation of poly(vinyl acetate-co-dibutyl maleate)/ sodium-montmorillonite nanocomposite via in situ reverse iodine transfer radical polymerization. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	8

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73	Grafting of hydrophilic monomers onto aminopropyl-functionalized sodium montmorillonite via surface-initiated redox polymerization. <i>Polymer International</i> , 2014, 63, 576-583.	1.6	15
74	Prediction of proton conductivity of graphene oxide-containing polymeric membranes. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 1760-1768.	3.8	11
75	Controlled radical copolymerization of vinyl acetate and dibutyl maleate by iodine transfer radical polymerization. <i>Polymer International</i> , 2014, 63, 1494-1504.	1.6	12
76	Parametric Studies on the Grafting of Poly(Methyl Methacrylate) onto Organophilic Montmorillonite Using Silylated Clay Platelets. <i>Journal of Macromolecular Science - Physics</i> , 2014, 53, 957-974.	0.4	5
77	Preparation and characterization of polyaniline <i>g</i> -grafted with poly(ethyl acrylate) synthesized via atom transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2013, 128, 47-53.	1.3	15
78	Synthesis of novel thermoresponsive micelles by graft copolymerization of N-isopropylacrylamide on poly(μ -caprolactone-co- β -bromo- μ -caprolactone) as macroinitiator via ATRP. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	21
79	Kinetic investigation of the reversible addition-fragmentation chain transfer polymerization of 1,3-butadiene. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	17
80	A comprehensive study on the kinetics of aqueous free-radical homo- and copolymerization of acrylamide and diallyldimethylammonium chloride by online ¹ H-NMR spectroscopy. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	24
81	Structure and properties of NR/BR blend/clay nanocomposites prepared by the latex method. <i>Polymer Science - Series A</i> , 2013, 55, 115-120.	0.4	10
82	Preparation, characterization and properties of proton exchange nanocomposite membranes based on poly(vinyl alcohol) and poly(sulfonic acid)-grafted silica nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 5473-5479.	3.8	65
83	Grafting of water-soluble sulfonated monomers onto functionalized fumed silica nanoparticles via surface-initiated redox polymerization in aqueous medium. <i>Polymer International</i> , 2013, 62, 713-720.	1.6	29
84	Modification of silica nanoparticles with hydrophilic sulfonated polymers by using surface-initiated redox polymerization. <i>Iranian Polymer Journal (English Edition)</i> , 2012, 21, 661-668.	1.3	20
85	Hydrophilic polymer/fumed silica hybrid nanoparticles synthesized via surface-initiated redox polymerization. <i>Journal of Polymer Research</i> , 2012, 19, 1.	1.2	17
86	Effect of monomer/nanoclay interaction on the kinetics of atom transfer radical homo- and copolymerization of styrene and methyl acrylate. <i>Polymer Science - Series B</i> , 2012, 54, 247-258.	0.3	3
87	Free-radical homo- and copolymerization of vinyl acetate and <i>n</i> -butyl acrylate: Kinetic studies by online ¹ H NMR kinetic experiments. <i>Journal of Applied Polymer Science</i> , 2012, 123, 543-553.	1.3	14
88	Atom transfer radical polymerization of styrene and methyl (meth)acrylates initiated with poly(dimethylsiloxane) macroinitiator: Synthesis and characterization of triblock copolymers. <i>Journal of Applied Polymer Science</i> , 2012, 123, 2423-2430.	1.3	26
89	Structure and properties of natural rubber/butadiene rubber (NR/BR) blend/sodium-montmorillonite nanocomposites prepared via a combined latex/melt intercalation method. <i>Polymer Science - Series A</i> , 2011, 53, 1175-1181.	0.4	6
90	A new general approach to determine more accurate comonomer reactivity ratios in controlled/living radical copolymerization systems. <i>Journal of Applied Polymer Science</i> , 2011, 122, 1341-1349.	1.3	3

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91	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
92	Atom transfer radical homo- and copolymerization of styrene and methyl acrylate initiated with trichloromethyl-terminated poly(vinyl acetate) macroinitiator: A kinetic study. Journal of Applied Polymer Science, 2009, 114, 2509-2521.	1.3	16
93	Effect of nanoclay and macroinitiator on the kinetics of atom transfer radical homo- and copolymerization of styrene and methyl methacrylate initiated with CCl ₃ -terminated poly (vinyl) Tj ETQq1 1 0.784314 rgBT /0verlock		
94	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
95	Kinetic study of the free-radical polymerization of vinyl acetate in the presence of deuterated chloroform by ¹ H-NMR spectroscopy. Journal of Applied Polymer Science, 2008, 110, 1784-1796.	1.3	9
96	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
97	Structure and properties of styrene-butadiene rubber/ pristine clay nanocomposites prepared by latex compounding method. E-Polymers, 2007, 7, .	1.3	0
98	Kinetic Study of Radical Polymerization VIII. A Comprehensive Study of Solution Copolymerization of Vinyl Acetate and Methyl Acrylate by ¹ H-NMR Spectroscopy. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 839-848.	1.2	9
99	Structure and Mechanical Properties of Carboxylated Styrene-Butadiene Rubber (XSBR)/Pristine Clay Nanocomposites. E-Polymers, 2007, 7, .	1.3	0
100	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
101	Kinetic study of radical polymerization. VII. Investigation into the solution copolymerization of acrylonitrile and itaconic acid by real-time ¹ H NMR spectroscopy. Journal of Applied Polymer Science, 2007, 103, 3253-3260.	1.3	18
102	Using ¹ H-NMR spectroscopy for the kinetic study of their situ solution free-radical copolymerization of styrene and ethyl acrylate. Journal of Applied Polymer Science, 2007, 105, 2588-2597.	1.3	13
103	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
104	A new simple procedure to calculate monomer reactivity ratios by using on-line ¹ H NMR kinetic experiments: Copolymerization system with greater difference between the monomer reactivity ratios. Polymer, 2007, 48, 25-30.	1.8	30
105	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
106	Effect of carboxylic acid monomer and butadiene on particle growth in the emulsifier-free emulsion copolymerization of styrene-butadiene-carboxylic acid monomer. Polymer, 2007, 48, 2035-2045.	1.8	9
107	Kinetic Study of Radical Polymerization VI. Copolymer Composition and Kinetic Parameters for Copolymerization of Styrene-Itaconic Acid by On-Line ¹ H-NMR. Journal of Macromolecular Science - Pure and Applied Chemistry, 2006, 43, 1597-1608.	1.2	7
108	The comparison between initial charge, shot and modified shot processes and their effects on macrostructure of particles in emulsion copolymerization of styrene-butadiene-acrylic acid. Reactive and Functional Polymers, 2006, 66, 247-254.	2.0	11

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109	Kinetic study of radical polymerization. IV. Determination of reactivity ratio in copolymerization of styrene and itaconic acid by $^1\text{H-NMR}$. Journal of Applied Polymer Science, 2006, 101, 2062-2069.	1.3	31
110	Kinetic Study of Radical Polymerization v. Determination of Reactivity Ratio in Copolymerization of Acrylonitrile and Itaconic Acid by $^1\text{H-NMR}$. Journal of Macromolecular Science - Pure and Applied Chemistry, 2006, 43, 1583-1596.	1.2	15
111	Kinetic study of radical polymerization. III. Solution polymerization of acrylamide by $^1\text{H-NMR}$. Journal of Applied Polymer Science, 2004, 93, 2007-2013.	1.3	43
112	Investigation into the effect of carboxylic acid monomer on particle nucleation and growth in emulsifier-free emulsion copolymerization of styrene- 1 butadiene- 1 acrylic acid. Polymer, 2004, 45, 3233-3239.	1.8	32