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List of Publications by Citations

63 papers	1,936 citations	24 h-index	43 g-index
67 ext. papers	2,063 ext. citations	3.4 avg, IF	4.58 L-index

#	Paper	IF	Citations
63	Living carbocationic polymerization. XXX. One-pot synthesis of allyl-terminated linear and tri-arm star polyisobutylenes, and epoxy- and hydroxy-telechelics therefrom. *Journal of Polymer Science Part A*, **1990**, 28, 89-104	2.5	146
62	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers) V. synthesis of □tert-butyl-□isopropenylpolyisobutylene and □ □di(isopropenyl)polyisobutylene. *Polymer Bulletin*, **1979**, 1, 575-580	2.4	120
61	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). VII. Synthesis and characterization of □□di(hydroxy)polyisobutylene. *Journal of Polymer Science: Polymer Chemistry Edition*, **1980**, 18, 3177-3191		98
60	Nanophase Separated Amphiphilic Conetwork Coatings and Membranes. *Macromolecules*, **2005**, 38, 2431-2438	5.5	96
59	Structural Studies of Nanophase-Separated Poly(2-hydroxyethyl methacrylate)-l-polyisobutylene Amphiphilic Conetworks by Solid-State NMR and Small-Angle X-ray Scattering. *Macromolecules*, **2003**, 36, 9107-9114	5.5	93
58	Synthesis, Characterization, and Structural Investigations of Poly(ethyl acrylate)-l-polyisobutylene Bicomponent Conetwork. *Macromolecules*, **2001**, 34, 1579-1585	5.5	89
57	Synthesis and Characterization of Anionic Amphiphilic Model Conetworks Based on Methacrylic Acid and Methyl Methacrylate:□Effects of Composition and Architecture. *Macromolecules*, **2007**, 40, 2192-2200	5.5	80
56	Formation of CdS nanoclusters in phase-separated poly(2-hydroxyethyl methacrylate)-l-polyisobutylene amphiphilic conetworks. *Journal of Polymer Science, Part B: Polymer Physics*, **2001**, 39, 1429-1436	2.6	78
55	Novel Amphiphilic Conetworks Composed of Telechelic Poly(ethylene oxide) and Three-Arm Star Polyisobutylene. *Chemistry of Materials*, **2004**, 16, 959-962	9.6	69
54	Poly(methacrylic acid)-l-Polyisobutylene:□A Novel Polyelectrolyte Amphiphilic Conetwork. *Chemistry of Materials*, **2006**, 18, 4952-4958	9.6	67
53	Anionic amphiphilic end-linked conetworks by the combination of quasiliving carbocationic and group transfer polymerizations. *Journal of Polymer Science Part A*, **2009**, 47, 4289-4301	2.5	59
52	Amphiphilic Networks. *ACS Symposium Series*, **1991**, 194-202	0.4	59
51	Degradation of PVCs obtained by controlled chemical dehydrochlorination. *Journal of Polymer Science: Polymer Chemistry Edition*, **1983**, 21, 2177-2188		53
50	Synthesis of isobutenyl-telechelic polyisobutylene by functionalization with isobutenyltrimethylsilane. *Polymer*, **1997**, 38, 2529-2534	3.9	47
49	New Nanophase Separated Intelligent Amphiphilic Conetworks and Gels. *Macromolecular Symposia*, **2005**, 227, 265-274	0.8	47
48	Amphiphilic Networks. *ACS Symposium Series*, **1991**, 203-212	0.4	43
47	Living Carbocationic Polymerization. XXXVIII. On the Nature of the Active Species in Isobutylene and Vinyl Ether Polymerization. *Journal of Macromolecular Science Part A, Chemistry*, **1991**, 28, 1-13		39

46	Anomalous Swelling Behavior of Poly(N-vinylimidazole)-l-Poly(tetrahydrofuran) Amphiphilic Conetwork in Water Studied by Solid-State NMR and Positron Annihilation Lifetime Spectroscopy. *Macromolecules*, **2012**, 45, 7557-7565	5.5	37
45	Online monitoring of Silicone Network Formation by Means of In-Situ Mid-Infrared Spectroscopy. *Macromolecular Chemistry and Physics*, **2002**, 203, 1866-1871	2.6	37
44	Polyisobutylene-graft-polystyrene by quasiliving atom transfer radical polymerization of styrene from poly(isobutylene-co-p-methylstyrene-co-p-bromomethylstyrene). *Macromolecular Rapid Communications*, **1998**, 19, 479-483	4.8	36
43	The Dependence of the Cloud Point, Clearing Point, and Hysteresis of Poly(N-isopropylacrylamide) on Experimental Conditions: The Need for Standardization of Thermoresponsive Transition Determinations. *Macromolecular Chemistry and Physics*, **2017**, 218, 1600470	2.6	35
42	Unprecedented scissor effect of macromolecular cross-linkers on the glass transition temperature of poly(N-vinylimidazole), crystallinity suppression of poly(tetrahydrofuran) and molecular mobility by solid state NMR in poly(N-vinylimidazole)-l-poly(tetrahydrofuran) conetworks. *Polymer Chemistry* , **2013**, 4, 3714	4.9	32
41	Living atom transfer radical polymerization of 4-acetoxystyrene. *Macromolecular Rapid Communications*, **1997**, 18, 1095-1100	4.8	31
40	Poly(N-vinylimidazole)-l-poly(tetrahydrofuran) amphiphilic conetworks and gels. II. Unexpected dependence of the reactivity of poly(tetrahydrofuran) macromonomer cross-linker on molecular weight in copolymerization with N-vinylimidazole. *Journal of Polymer Science Part A*, **2011**, 49, 4729-4734	2.5	26
39	Synthesis, characterization, LCST-type behavior and unprecedented heating-cooling hysteresis of poly(N-isopropylacrylamide-co-3-(trimethoxysilyl)propyl methacrylate) copolymers. *Polymer*, **2017**, 108, 395-399	3.9	21
38	Synthesis of triblock and random copolymers of 4-acetoxystyrene and styrene by living atom transfer radical polymerization. *Polymer Bulletin*, **1997**, 39, 559-565	2.4	21
37	Cationic polymerization of styrene by the TiCl4/N,N,N?,N?-tetramethylethylenediamine(TMEDA) catalyst system in benzotrifluoride, an environmentally benign solvent, at room temperature. *Polymer*, **2012**, 53, 3426-3431	3.9	20
36	A New Synthetic Method for the Preparation of Star-Shaped Polyisobutylene with Hyperbranched Polystyrene Core. *Macromolecular Chemistry and Physics*, **2007**, 208, 1388-1393	2.6	20
35	Monitoring the Chemical Heterogeneity and the Crystallization Behavior of PP-g-PS Graft Copolymers Using SEC-FTIR and CRYSTAF. *Macromolecular Chemistry and Physics*, **2008**, 209, 404-409	2.6	20
34	Controlled introduction of allylic chlorines into poly(vinyl chloride). *Journal of Polymer Science: Polymer Chemistry Edition*, **1981**, 19, 679-685		20
33	Amphiphilic hyperbranched polyglycerols in a new role as highly efficient multifunctional surface active stabilizers for poly(lactic/glycolic acid) nanoparticles. *RSC Advances*, **2017**, 7, 4348-4352	3.7	19
32	Poly(methacrylic acid)-l-Polyisobutylene Amphiphilic Conetworks by Using an Ethoxyethyl-Protected Comonomer: Synthesis, Protecting Group Removal in the Cross-Linked State, and Characterization. *Macromolecular Chemistry and Physics*, **2015**, 216, 605-613	2.6	19
31	Thermal Properties, Degradation and Stability of Poly(vinyl chloride) Predegraded Thermooxidatively in the Presence of Dioctyl Phthalate Plasticizer. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2013**, 50, 208-214	2.2	19
30	PEGylation of Superparamagnetic Iron Oxide Nanoparticles with Self-Organizing Polyacrylate-PEG Brushes for Contrast Enhancement in MRI Diagnosis. *Nanomaterials*, **2018**, 8,	5.4	19
29	Preparation, Degradation, Cyclopentadienylation, and Grafting of PVCl Containing Relatively High Levels of Allylic Chlorines. *Journal of Macromolecular Science Part A, Chemistry*, **1982**, 17, 1033-1043		18

28	Nanophasic morphologies as a function of the composition and molecular weight of the macromolecular cross-linker in poly(N-vinylimidazole)-l-poly(tetrahydrofuran) amphiphilic conetworks: bicontinuous domain structure in broad composition ranges. *RSC Advances*, **2017**, 7, 6827-6834	3.7	16
27	Thermoresponsive Polymer Ionic Liquids and Nanostructured Hydrogels Based upon Amphiphilic Polyisobutylene-b-poly(2-ethyl-2-oxazoline) Diblock Copolymers. *Macromolecules*, **2019**, 52, 3306-3318	5.5	16
26	Sustained Drug Release by Thermoresponsive Sol-Gel Hybrid Hydrogels of Poly(N-Isopropylacrylamide-co-3-(Trimethoxysilyl)Propyl Methacrylate) Copolymers. *Macromolecular Rapid Communications*, **2017**, 38, 1600724	4.8	15
25	Block copolymers of styrene and p-acetoxystyrene with polyisobutylene by combination of living carbocationic and atom transfer radical polymerizations. *Macromolecular Rapid Communications*, **1998**, 19, 585-589	4.8	13
24	Extreme difference of polarities in a single material: Poly(acrylic acid)-based amphiphilic conetworks with polyisobutylene cross-linker. *Journal of Polymer Science Part A*, **2017**, 55, 1818-1821	2.5	12
23	Poly(N-vinylimidazole)-l-poly(propylene glycol) amphiphilic conetworks and gels: molecularly forced blends of incompatible polymers with single glass transition temperatures of unusual dependence on the composition. *Polymer Chemistry*, **2016**, 7, 5375-5385	4.9	12
22	Quasiliving atom transfer radical polymerization of styrene and n-butyl acrylate as non-fluorous monomers in a fluorinated solvent, benzotrifluoride. *Polymer*, **2012**, 53, 4940-4946	3.9	12
21	Degradative Transformation of Poly(vinyl chloride) under Mild Oxidative Conditions. *ACS Symposium Series*, **2009**, 219-226	0.4	12
20	Characterization of polychloroprenes and cationically modified polychloroprenes by thermal dehydrochlorination. *Journal of Polymer Science: Polymer Chemistry Edition*, **1980**, 18, 1685-1692		12
19	Unexpected thermal decomposition behavior of poly(N-vinylimidazole)-l-poly(tetrahydrofuran) amphiphilic conetworks, a class of chemically forced blends. *RSC Advances*, **2015**, 5, 17413-17423	3.7	10
18	Synthesis of 1-chloro-1-phenylethyl-telechelic polyisobutylene, a new potential macroinitiator by living cationic polymerization. *Macromolecular Rapid Communications*, **1998**, 19, 15-19	4.8	9
17	Synthesis of Poly(methyl methacrylate)-poly(poly(ethylene glycol) methacrylate)-polyisobutylene ABCBA Pentablock Copolymers by Combining Quasiliving Carbocationic and Atom Transfer Radical Polymerizations and Characterization Thereof. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2015**, 52, 252-259	2.2	8
16	Poly(methyl methacrylate-co-2-hydroxyethyl methacrylate) Four-arm Star Functional Copolymers by Quasiliving ATRP: Equivalent Synthetic Routes by Protected and Nonprotected HEMA Comonomers. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2014**, 51, 125-133	2.2	8
15	Nanoconfined Crosslinked Poly(ionic liquid)s with Unprecedented Selective Swelling Properties Obtained by Alkylation in Nanophase-Separated Poly(1-vinylimidazole)--poly(tetrahydrofuran) Conetworks. *Polymers*, **2020**, 12,	4.5	7
14	Thermoresponsive UCST-Type Behavior of Interpolymer Complexes of Poly(ethylene glycol) and Poly(poly(ethylene glycol) methacrylate) Brushes with Poly(acrylic acid) in Isopropanol. *Macromolecular Chemistry and Physics*, **2017**, 218, 1600466	2.6	6
13	The effect of reaction conditions on the chain end structure and functionality during dehydrochlorination of tert-chlorinetelechelic polyisobutylene by potassium tert-butoxide. *Macromolecular Rapid Communications*, **1998**, 19, 661-663	4.8	4
12	Cationic Modifications of Polychloroprene. IV. Synthesis and Characterization of Poly(chloroprene-g-isobutylene) Carrying tert-Chloride Branch Termini. *Journal of Macromolecular Science Part A, Chemistry*, **1982**, 17, 637-651		4
11	Melting temperature versus crystallinity: new way for identification and analysis of multiple endotherms of poly(ethylene terephthalate). *Journal of Polymer Research*, **2020**, 27, 1	2.7	4

10	The Scissors Effect in Action: The Fox-Flory Relationship between the Glass Transition Temperature of Crosslinked Poly(Methyl Methacrylate) and Mc in Nanophase Separated Poly(Methyl Methacrylate)--Polyisobutylene Conetworks. *Materials*, **2020**, 13,	3.5	3
9	Can Nonpolar Polyisobutylenes be Measured by Electrospray Ionization Mass Spectrometry? Anion-Attachment Proved to be an Appropriate Method. *Journal of the American Society for Mass Spectrometry*, **2016**, 27, 432-42	3.5	3
8	End-Functional Polystyrenes via Quasiliving Atom Transfer Radical Polymerization and New Polymer Structures Therefrom. *ACS Symposium Series*, **2003**, 331-341	0.4	3
7	Post-Polymerization Heat Effect in the Production of Polyamide 6 by Bulk Quasiliving Anionic Ring-Opening Polymerization of ε-Caprolactam with Industrial Components: A Green Processing Technique. *Processes*, **2020**, 8, 856	2.9	3
6	Quasiliving cationic ring-opening polymerization of 2-ethyl-2-oxazoline in benzotrifluoride, as an alternative reaction medium. *Polymer*, **2021**, 212, 123165	3.9	3
5	Structural Characterization of Glassy and Rubbery Model Anionic Amphiphilic Polymer Conetworks. *ACS Symposium Series*, **2008**, 286-302	0.4	2
4	Synthesis and modification reaction of organoboron segmented block copolymer of allyl-telechelic poly(isobutylene). *Polymer Bulletin*, **2004**, 52, 25	2.4	2
3	Quantitative Derivatizations of 1-Chloro-1-phenylethyl Chain End of Polystyrene Obtained by Quasiliving Atom Transfer Radical Polymerization. *ACS Symposium Series*, **2000**, 372-383	0.4	2
2	In Situ Terminal Functionalization of Polystyrene Obtained by Quasiliving ATRP and Subsequent Derivatizations. *ACS Symposium Series*, **2018**, 281-295	0.4	0
1	Study of Pressure Retarded Osmosis Process in Hollow Fiber Membrane: Cylindrical Model for Description of Energy Production. *Energies*, **2022**, 15, 3558	3.1	0