

# Bla Ivn

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8366318/bela-ivan-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	Study of Pressure Retarded Osmosis Process in Hollow Fiber Membrane: Cylindrical Model for Description of Energy Production. <i>Energies</i> , <b>2022</b> , 15, 3558	3.1	0
62	Quasiliving cationic ring-opening polymerization of 2-ethyl-2-oxazoline in benzotrifluoride, as an alternative reaction medium. <i>Polymer</i> , <b>2021</b> , 212, 123165	3.9	3
61	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. <i>Materials</i> , <b>2020</b> , 13,	3.5	3
60	Nanoconfined Crosslinked Poly(ionic liquid)s with Unprecedented Selective Swelling Properties Obtained by Alkylation in Nanophase-Separated Poly(1-vinylimidazole)-poly(tetrahydrofuran) Conetworks. <i>Polymers</i> , <b>2020</b> , 12,	4.5	7
59	Melting temperature versus crystallinity: new way for identification and analysis of multiple endotherms of poly(ethylene terephthalate). <i>Journal of Polymer Research</i> , <b>2020</b> , 27, 1	2.7	4
58	Post-Polymerization Heat Effect in the Production of Polyamide 6 by Bulk Quasiliving Anionic Ring-Opening Polymerization of $\epsilon$ -Caprolactam with Industrial Components: A Green Processing Technique. <i>Processes</i> , <b>2020</b> , 8, 856	2.9	3
57	Thermoresponsive Polymer Ionic Liquids and Nanostructured Hydrogels Based upon Amphiphilic Polyisobutylene-b-poly(2-ethyl-2-oxazoline) Diblock Copolymers. <i>Macromolecules</i> , <b>2019</b> , 52, 3306-3318	5.5	16
56	In Situ Terminal Functionalization of Polystyrene Obtained by Quasiliving ATRP and Subsequent Derivatizations. <i>ACS Symposium Series</i> , <b>2018</b> , 281-295	0.4	0
55	PEGylation of Superparamagnetic Iron Oxide Nanoparticles with Self-Organizing Polyacrylate-PEG Brushes for Contrast Enhancement in MRI Diagnosis. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	19
54	Sustained Drug Release by Thermoresponsive Sol-Gel Hybrid Hydrogels of Poly(N-Isopropylacrylamide-co-3-(Trimethoxysilyl)Propyl Methacrylate) Copolymers. <i>Macromolecular Rapid Communications</i> , <b>2017</b> , 38, 1600724	4.8	15
53	Thermoresponsive UCST-Type Behavior of Interpolymer Complexes of Poly(ethylene glycol) and Poly(poly(ethylene glycol) methacrylate) Brushes with Poly(acrylic acid) in Isopropanol. <i>Macromolecular Chemistry and Physics</i> , <b>2017</b> , 218, 1600466	2.6	6
52	Synthesis, characterization, LCST-type behavior and unprecedented heating-cooling hysteresis of poly(N-isopropylacrylamide-co-3-(trimethoxysilyl)propyl methacrylate) copolymers. <i>Polymer</i> , <b>2017</b> , 108, 395-399	3.9	21
51	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. <i>RSC Advances</i> , <b>2017</b> , 7, 6827-6834	3.7	16
50	Extreme difference of polarities in a single material: Poly(acrylic acid)-based amphiphilic conetworks with polyisobutylene cross-linker. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 1818-1821	2.5	12
49	Amphiphilic hyperbranched polyglycerols in a new role as highly efficient multifunctional surface active stabilizers for poly(lactic/glycolic acid) nanoparticles. <i>RSC Advances</i> , <b>2017</b> , 7, 4348-4352	3.7	19
48	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. <i>Macromolecular Chemistry and Physics</i> , <b>2017</b> , 218, 1600470	2.6	35
47	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. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 5375-5385	4.9	12

46	Can Nonpolar Polyisobutylenes be Measured by Electrospray Ionization Mass Spectrometry? Anion-Attachment Proved to be an Appropriate Method. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2016</b> , 27, 432-42	3.5	3
45	Poly(methacrylic acid)-l-Polyisobutylene Amphiphilic Conetworks by Using an Ethoxyethyl-Protected Comonomer: Synthesis, Protecting Group Removal in the Cross-Linked State, and Characterization. <i>Macromolecular Chemistry and Physics</i> , <b>2015</b> , 216, 605-613	2.6	19
44	Unexpected thermal decomposition behavior of poly(N-vinylimidazole)-l-poly(tetrahydrofuran) amphiphilic conetworks, a class of chemically forced blends. <i>RSC Advances</i> , <b>2015</b> , 5, 17413-17423	3.7	10
43	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. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2014</b> , 51, 273-278	2.2	8
42	Poly(methyl methacrylate-co-2-hydroxyethyl methacrylate) Four-arm Star Functional Copolymers by Quasiliving ATRP: Equivalent Synthetic Routes by Protected and Nonprotected HEMA Comonomers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2014</b> , 51, 125-133	2.2	8
41	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. <i>Polymer Chemistry</i> , <b>2014</b> , 16, 2714-2721	4.9	32
40	Thermal Properties, Degradation and Stability of Poly(vinyl chloride) Predegraded Thermooxidatively in the Presence of Dioctyl Phthalate Plasticizer. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2013</b> , 50, 208-214	2.2	19
39	Cationic polymerization of styrene by the TiCl <sub>4</sub> /N,N,N',N'-tetramethylethylenediamine(TMEDA) catalyst system in benzotrifluoride, an environmentally benign solvent, at room temperature. <i>Polymer</i> , <b>2012</b> , 53, 3426-3431	3.9	20
38	Anomalous Swelling Behavior of Poly(N-vinylimidazole)-l-Poly(tetrahydrofuran) Amphiphilic Conetwork in Water Studied by Solid-State NMR and Positron Annihilation Lifetime Spectroscopy. <i>Macromolecules</i> , <b>2012</b> , 45, 7557-7565	5.5	37
37	Quasiliving atom transfer radical polymerization of styrene and n-butyl acrylate as non-fluorous monomers in a fluorinated solvent, benzotrifluoride. <i>Polymer</i> , <b>2012</b> , 53, 4940-4946	3.9	12
36	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. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 4729-4734	2.5	26
35	Anionic amphiphilic end-linked conetworks by the combination of quasiliving carbocationic and group transfer polymerizations. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 4289-4301	2.5	59
34	Degradative Transformation of Poly(vinyl chloride) under Mild Oxidative Conditions. <i>ACS Symposium Series</i> , <b>2009</b> , 219-226	0.4	12
33	Structural Characterization of Glassy and Rubbery Model Anionic Amphiphilic Polymer Conetworks. <i>ACS Symposium Series</i> , <b>2008</b> , 286-302	0.4	2
32	Monitoring the Chemical Heterogeneity and the Crystallization Behavior of PP-g-PS Graft Copolymers Using SEC-FTIR and CRYSTAF. <i>Macromolecular Chemistry and Physics</i> , <b>2008</b> , 209, 404-409	2.6	20
31	Synthesis and Characterization of Anionic Amphiphilic Model Conetworks Based on Methacrylic Acid and Methyl Methacrylate: Effects of Composition and Architecture. <i>Macromolecules</i> , <b>2007</b> , 40, 2192-2200	5.5	80
30	A New Synthetic Method for the Preparation of Star-Shaped Polyisobutylene with Hyperbranched Polystyrene Core. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 1388-1393	2.6	20
29	Poly(methacrylic acid)-l-Polyisobutylene: A Novel Polyelectrolyte Amphiphilic Conetwork. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 4952-4958	9.6	67

28	Nanophase Separated Amphiphilic Conetwork Coatings and Membranes. <i>Macromolecules</i> , <b>2005</b> , 38, 2431-2438	1.5	96
27	New Nanophase Separated Intelligent Amphiphilic Conetworks and Gels. <i>Macromolecular Symposia</i> , <b>2005</b> , 227, 265-274	0.8	47
26	Synthesis and modification reaction of organoboron segmented block copolymer of allyl-telechelic poly(isobutylene). <i>Polymer Bulletin</i> , <b>2004</b> , 52, 25	2.4	2
25	Novel Amphiphilic Conetworks Composed of Telechelic Poly(ethylene oxide) and Three-Arm Star Polyisobutylene. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 959-962	9.6	69
24	End-Functional Polystyrenes via Quasiliving Atom Transfer Radical Polymerization and New Polymer Structures Therefrom. <i>ACS Symposium Series</i> , <b>2003</b> , 331-341	0.4	3
23	Structural Studies of Nanophase-Separated Poly(2-hydroxyethyl methacrylate)-l-polyisobutylene Amphiphilic Conetworks by Solid-State NMR and Small-Angle X-ray Scattering. <i>Macromolecules</i> , <b>2003</b> , 36, 9107-9114	5.5	93
22	Online monitoring of Silicone Network Formation by Means of In-Situ Mid-Infrared Spectroscopy. <i>Macromolecular Chemistry and Physics</i> , <b>2002</b> , 203, 1866-1871	2.6	37
21	Formation of CdS nanoclusters in phase-separated poly(2-hydroxyethyl methacrylate)-l-polyisobutylene amphiphilic conetworks. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2001</b> , 39, 1429-1436	2.6	78
20	Synthesis, Characterization, and Structural Investigations of Poly(ethyl acrylate)-l-polyisobutylene Bicomponent Conetwork. <i>Macromolecules</i> , <b>2001</b> , 34, 1579-1585	5.5	89
19	Quantitative Derivatizations of 1-Chloro-1-phenylethyl Chain End of Polystyrene Obtained by Quasiliving Atom Transfer Radical Polymerization. <i>ACS Symposium Series</i> , <b>2000</b> , 372-383	0.4	2
18	Synthesis of 1-chloro-1-phenylethyl-telechelic polyisobutylene, a new potential macroinitiator by living cationic polymerization. <i>Macromolecular Rapid Communications</i> , <b>1998</b> , 19, 15-19	4.8	9
17	Polyisobutylene-graft-polystyrene by quasiliving atom transfer radical polymerization of styrene from poly(isobutylene-co-p-methylstyrene-co-p-bromomethylstyrene). <i>Macromolecular Rapid Communications</i> , <b>1998</b> , 19, 479-483	4.8	36
16	Block copolymers of styrene and p-acetoxystyrene with polyisobutylene by combination of living carbocationic and atom transfer radical polymerizations. <i>Macromolecular Rapid Communications</i> , <b>1998</b> , 19, 585-589	4.8	13
15	The effect of reaction conditions on the chain end structure and functionality during dehydrochlorination of tert-chlorinetelechelic polyisobutylene by potassium tert-butoxide. <i>Macromolecular Rapid Communications</i> , <b>1998</b> , 19, 661-663	4.8	4
14	Synthesis of triblock and random copolymers of 4-acetoxystyrene and styrene by living atom transfer radical polymerization. <i>Polymer Bulletin</i> , <b>1997</b> , 39, 559-565	2.4	21
13	Synthesis of isobutenyl-telechelic polyisobutylene by functionalization with isobutenyltrimethylsilane. <i>Polymer</i> , <b>1997</b> , 38, 2529-2534	3.9	47
12	Living atom transfer radical polymerization of 4-acetoxystyrene. <i>Macromolecular Rapid Communications</i> , <b>1997</b> , 18, 1095-1100	4.8	31
11	Living Carbocationic Polymerization. XXXVIII. On the Nature of the Active Species in Isobutylene and Vinyl Ether Polymerization. <i>Journal of Macromolecular Science Part A, Chemistry</i> , <b>1991</b> , 28, 1-13		39

10	Amphiphilic Networks. <i>ACS Symposium Series</i> , <b>1991</b> , 194-202	0.4	59
9	Amphiphilic Networks. <i>ACS Symposium Series</i> , <b>1991</b> , 203-212	0.4	43
8	Living carbocationic polymerization. XXX. One-pot synthesis of allyl-terminated linear and tri-arm star polyisobutylenes, and epoxy- and hydroxy-telechelics therefrom. <i>Journal of Polymer Science Part A</i> , <b>1990</b> , 28, 89-104	2.5	146
7	Degradation of PVCs obtained by controlled chemical dehydrochlorination. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , <b>1983</b> , 21, 2177-2188		53
6	Preparation, Degradation, Cyclopentadienylation, and Grafting of PVCs Containing Relatively High Levels of Allylic Chlorines. <i>Journal of Macromolecular Science Part A, Chemistry</i> , <b>1982</b> , 17, 1033-1043		18
5	Cationic Modifications of Polychloroprene. IV. Synthesis and Characterization of Poly(chloroprene-g-isobutylene) Carrying tert-Chloride Branch Termini. <i>Journal of Macromolecular Science Part A, Chemistry</i> , <b>1982</b> , 17, 637-651		4
4	Controlled introduction of allylic chlorines into poly(vinyl chloride). <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , <b>1981</b> , 19, 679-685		20
3	Characterization of polychloroprenes and cationically modified polychloroprenes by thermal dehydrochlorination. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , <b>1980</b> , 18, 1685-1692		12
2	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). VII. Synthesis and characterization of $\beta$ Di(hydroxy)polyisobutylene. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , <b>1980</b> , 18, 3177-3191		98
1	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers) V. synthesis of $\beta$ tert-butyl- $\beta$ isopropenylpolyisobutylene and $\beta$ Di(isopropenyl)polyisobutylene. <i>Polymer Bulletin</i> , <b>1979</b> , 1, 575-580	2.4	120