

John Chiefari

List of Publications by Year in Descending Order

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Version: 2024-04-24

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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.

44
papers

8,074
citations

23
h-index

49
g-index

49
ext. papers

8,439
ext. citations

4.1
avg, IF

4.89
L-index

#	Paper	IF	Citations
44	Development and Progression of Polymer Electrolytes for Batteries: Influence of Structure and Chemistry. <i>Polymers</i> , 2021 , 13,	4.5	3
43	Mobile hydrogen reformers as a novel approach to decarbonise the transport sector. <i>Current Opinion in Chemical Engineering</i> , 2021 , 34, 100756	5.4	1
42	Fully synthetic injectable depots with high drug content and tunable pharmacokinetics for long-acting drug delivery. <i>Journal of Controlled Release</i> , 2021 , 329, 257-269	11.7	6
41	Poly(HPMA-co-NIPAM) copolymer as an alternative to polyethylene glycol-based pharmacokinetic modulation of therapeutic proteins. <i>International Journal of Pharmaceutics</i> , 2021 , 608, 121075	6.5	0
40	Arming Immune Cell Therapeutics with Polymeric Prodrugs. <i>Advanced Healthcare Materials</i> , 2021 , e2101944	6.4	0
39	Polymerized Ionic Liquid Block Copolymer Electrolytes for All-Solid-State Lithium-Metal Batteries. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 070525	3.9	7
38	Glycosylated Nanoparticles Derived from RAFT Polymerization for Effective Drug Delivery to Macrophages.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 5775-5786	4.1	1
37	Enabling High Lithium Conductivity in Polymerized Ionic Liquid Block Copolymer Electrolytes. <i>Batteries and Supercaps</i> , 2019 , 2, 132-138	5.6	14
36	Effective macrophage delivery using RAFT copolymer derived nanoparticles. <i>Polymer Chemistry</i> , 2018 , 9, 131-137	4.9	7
35	Preparation of Forced Gradient Copolymers Using Tube-in-Tube Continuous Flow Reactors. <i>Macromolecular Reaction Engineering</i> , 2017 , 11, 1600065	1.5	14
34	Enhancement of MHC-I antigen presentation via architectural control of pH-responsive, endosomolytic polymer nanoparticles. <i>AAPS Journal</i> , 2015 , 17, 358-69	3.7	44
33	Sequential flow process for the controlled polymerisation and thermolysis of RAFT-synthesised polymers. <i>Polymer</i> , 2014 , 55, 1427-1435	3.9	24
32	Continuous Flow Aminolysis of RAFT Polymers Using Multistep Processing and Inline Analysis. <i>Macromolecules</i> , 2014 , 47, 8203-8213	5.5	28
31	Protecting keratin fiber with water soluble N-substituted maleimides in high temperature processes. <i>Fibers and Polymers</i> , 2014 , 15, 2247-2252	2	0
30	Synthesis of RAFT Block Copolymers in a Multi-Stage Continuous Flow Process Inside a Tubular Reactor. <i>Australian Journal of Chemistry</i> , 2013 , 66, 192	1.2	35
29	Quasi-block copolymer libraries on demand via sequential RAFT polymerization in an automated parallel synthesizer. <i>Polymer Chemistry</i> , 2013 , 4, 1857	4.9	41
28	Controlled Synthesis of Multifunctional Polymers by RAFT for Personal Care Applications. <i>ACS Symposium Series</i> , 2013 , 157-172	0.4	4

27	Thermo-Induced Self-Assembly of Responsive Poly(DMAEMA-b-DEGMA) Block Copolymers into Multi- and Unilamellar Vesicles. <i>Macromolecules</i> , 2012 , 45, 9292-9302	5.5	123
26	A Continuous Flow Process for the Radical Induced End Group Removal of RAFT Polymers. <i>Macromolecular Reaction Engineering</i> , 2012 , 6, 246-251	1.5	30
25	Some Recent Developments in RAFT Polymerization. <i>ACS Symposium Series</i> , 2012 , 243-258	0.4	9
24	Automated parallel freeze-evacuate-thaw degassing method for oxygen-sensitive reactions: RAFT polymerization. <i>ACS Combinatorial Science</i> , 2012 , 14, 389-94	3.9	42
23	Controlled RAFT Polymerization in a Continuous Flow Microreactor. <i>Organic Process Research and Development</i> , 2011 , 15, 593-601	3.9	114
22	Block Copolymer Synthesis through the Use of Switchable RAFT Agents. <i>ACS Symposium Series</i> , 2011 , 81-102	0.4	22
21	Universal (switchable) RAFT agents. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6914-5	16.4	256
20	Water as Solvent in Polyimide Synthesis III: Towards the Synthesis of Polyamideimides. <i>High Performance Polymers</i> , 2006 , 18, 437-451	1.6	9
19	Water as Solvent in Polyimide Synthesis II: Processable Aromatic Polyimides. <i>High Performance Polymers</i> , 2006 , 18, 31-44	1.6	16
18	Binary Copolymerization with Catalytic Chain Transfer. A Method for Synthesizing Macromonomers Based on Monosubstituted Monomers. <i>Macromolecules</i> , 2005 , 38, 9037-9054	5.5	25
17	Water as solvent in polyimide synthesis 2005 , 3-13		3
16	Water as Solvent in Polyimide Synthesis: Thermoset and Thermoplastic Examples. <i>High Performance Polymers</i> , 2003 , 15, 269-279	1.6	23
15	Thiocarbonylthio Compounds (SC(Z)SR) in Free Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT Polymerization). Effect of the Activating Group Z. <i>Macromolecules</i> , 2003 , 36, 2273-2283	5.5	558
14	Initiating free radical polymerization. <i>Macromolecular Symposia</i> , 2002 , 182, 65-80	0.8	67
13	Tailored polymer architectures by reversible addition-fragmentation chain transfer. <i>Macromolecular Symposia</i> , 2001 , 174, 209-212	0.8	75
12	Living free radical polymerization with reversible addition-fragmentation chain transfer (the life of RAFT). <i>Polymer International</i> , 2000 , 49, 993-1001	3.3	740
11	Synthesis of Defined Polymers by Reversible Addition-Fragmentation Chain Transfer: The RAFT Process. <i>ACS Symposium Series</i> , 2000 , 278-296	0.4	153
10	Living Polymers by the Use of Trithiocarbonates as Reversible Addition-Fragmentation Chain Transfer (RAFT) Agents: α ABA Triblock Copolymers by Radical Polymerization in Two Steps. <i>Macromolecules</i> , 2000 , 33, 243-245	5.5	417

- 9 Tailored polymers by free radical processes. *Macromolecular Symposia*, **1999**, 143, 291-307 0.8 126
- 8 Living Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT Polymerization) Using Dithiocarbamates as Chain Transfer Agents. *Macromolecules*, **1999**, 32, 6977-6980 5.5 480
- 7 Chain Transfer to Polymer: A Convenient Route to Macromonomers. *Macromolecules*, **1999**, 32, 7700-7702 9.5 149
- 6 Living Free-Radical Polymerization by Reversible Addition-Fragmentation Chain Transfer: The RAFT Process. *Macromolecules*, **1998**, 31, 5559-5562 5.5 4221
- 5 Acid-Amide Intermolecular Hydrogen Bonding. *Journal of the American Chemical Society*, **1997**, 119, 3802-3806 13.6 64
- 4 Models for the Pigment Organization in the Chlorosomes of Photosynthetic Bacteria: Diastereoselective Control of in-Vitro Bacteriochlorophyll *cs* Aggregation. [Erratum to document cited in CA122:76986]. *The Journal of Physical Chemistry*, **1995**, 99, 16194-16194 2
- 3 Models for the Pigment Organization in the Chlorosomes of Photosynthetic Bacteria: Diastereoselective Control of in-vitro Bacteriochlorophyll *cs* Aggregation. *The Journal of Physical Chemistry*, **1995**, 99, 1357-1365 105
- 2 Synthesis and conformation of a bilirubin analog with propionic acid side chains extended to undecanoic acid. *Tetrahedron*, **1992**, 48, 5969-5984 2.4 4
- 1 Decarboxylation of phthalidecarboxylic acids in the presence of imines - a facile route to isoindolo[1,2-b][3]benzazepin-5-ones and phthalideisoquinolines. *Tetrahedron Letters*, **1986**, 27, 6119-6122 7