John Chiefari

List of Publications by Year
in descending order

47 papers	8,927 citations	236833 25 h-index	243529 44 g-index
49 all docs	49 docs citations	49 times ranked	5430 citing authors

#	Article	IF	Citations
1	Fully synthetic injectable depots with high drug content and tunable pharmacokinetics for long-acting drug delivery. Journal of Controlled Release, 2021, 329, 257-269.	4.8	11
2	Poly(HPMA-co-NIPAM) copolymer as an alternative to polyethylene glycol-based pharmacokinetic modulation of therapeutic proteins. International Journal of Pharmaceutics, 2021, 608, 121075.	2.6	7
3	Mobile hydrogen reformers as a novel approach to decarbonise the transport sector. Current Opinion in Chemical Engineering, 2021, 34, 100756.	3.8	6
4	Development and Progression of Polymer Electrolytes for Batteries: Influence of Structure and Chemistry. Polymers, 2021, 13, 4127.	2.0	23
5	Arming Immune Cell Therapeutics with Polymeric Prodrugs. Advanced Healthcare Materials, 2021, , 2101944.	3.9	1
6	Preparation of Proteinâ€"Polymer Conjugates: Copolymerisation by RAFT. Australian Journal of Chemistry, 2020, , .	0.5	3
7	Glycosylated Nanoparticles Derived from RAFT Polymerization for Effective Drug Delivery to Macrophages. ACS Applied Bio Materials, 2020, 3, 5775-5786.	2.3	6
8	Polymerized Ionic Liquid Block Copolymer Electrolytes for All-Solid-State Lithium-Metal Batteries. Journal of the Electrochemical Society, 2020, 167, 070525.	1.3	22
9	Enabling High Lithium Conductivity in Polymerized Ionic Liquid Block Copolymer Electrolytes. Batteries and Supercaps, 2019, 2, 132-138.	2.4	28
10	Effective macrophage delivery using RAFT copolymer derived nanoparticles. Polymer Chemistry, 2018, 9, 131-137.	1.9	9
11	Preparation of Forced Gradient Copolymers Using Tubeâ€inâ€Tube Continuous Flow Reactors. Macromolecular Reaction Engineering, 2017, 11, 1600065.	0.9	15
12	Enhancement of MHC-I Antigen Presentation via Architectural Control of pH-Responsive, Endosomolytic Polymer Nanoparticles. AAPS Journal, 2015, 17, 358-369.	2.2	52
13	Continuous Flow Aminolysis of RAFT Polymers Using Multistep Processing and Inline Analysis. Macromolecules, 2014, 47, 8203-8213.	2.2	35
14	Protecting keratin fiber with water soluble N-substituted maleimides in high temperature processes. Fibers and Polymers, 2014, 15, 2247-2252.	1.1	0
15	Sequential flow process for the controlled polymerisation and thermolysis of RAFT-synthesised polymers. Polymer, 2014, 55, 1427-1435.	1.8	26
16	Synthesis of RAFT Block Copolymers in a Multi-Stage Continuous Flow Process Inside a Tubular Reactor. Australian Journal of Chemistry, 2013, 66, 192.	0.5	41
17	Quasi-block copolymer libraries on demand via sequential RAFT polymerization in an automated parallel synthesizer. Polymer Chemistry, 2013, 4, 1857.	1.9	45
18	Controlled Synthesis of Multifunctional Polymers by RAFT for Personal Care Applications. ACS Symposium Series, 2013, , 157-172.	0.5	4

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19	Thermo-Induced Self-Assembly of Responsive Poly(DMAEMA-<i>b</i>-DEGMA) Block Copolymers into Multi- and Unilamellar Vesicles. Macromolecules, 2012, 45, 9292-9302.	2.2	129
20	A Continuous Flow Process for the Radical Induced End Group Removal of RAFT Polymers. Macromolecular Reaction Engineering, 2012, 6, 246-251.	0.9	33
21	Some Recent Developments in RAFT Polymerization. ACS Symposium Series, 2012, , 243-258.	0.5	9
22	Automated Parallel Freezeâ€"Evacuateâ€"Thaw Degassing Method for Oxygen-Sensitive Reactions: RAFT Polymerization. ACS Combinatorial Science, 2012, 14, 389-394.	3.8	48
23	Controlled RAFT Polymerization in a Continuous Flow Microreactor. Organic Process Research and Development, 2011, 15, 593-601.	1.3	123
24	Block Copolymer Synthesis through the Use of Switchable RAFT Agents. ACS Symposium Series, 2011, , 81-102.	0.5	24
25	Universal (Switchable) RAFT Agents. Journal of the American Chemical Society, 2009, 131, 6914-6915.	6.6	271
26	Water as Solvent in Polyimide Synthesis II: Processable Aromatic Polyimides. High Performance Polymers, 2006, 18, 31-44.	0.8	18
27	Water as Solvent in Polyimide Synthesis III: Towards the Synthesis of Polyamideimides. High Performance Polymers, 2006, 18, 437-451.	0.8	9
28	Binary Copolymerization with Catalytic Chain Transfer. A Method for Synthesizing Macromonomers Based on Monosubstituted Monomers. Macromolecules, 2005, 38, 9037-9054.	2.2	32
29	Water as solvent in polyimide synthesis. , 2005, , 3-13.		3
30	Thiocarbonylthio Compounds (SC(Z)Sâˆ'R) in Free Radical Polymerization with Reversible Addition-Fragmentation Chain Transfer (RAFT Polymerization). Effect of the Activating Group Z. Macromolecules, 2003, 36, 2273-2283.	2.2	587
31	Water as Solvent in Polyimide Synthesis: Thermoset and Thermoplastic Examples. High Performance Polymers, 2003, 15, 269-279.	0.8	26
32	Synthesis of an Electrophilic Polymer by Ring-Opening Metathesis Polymerization. Australian Journal of Chemistry, 2002, 55, 245.	0.5	1
33	Initiating free radical polymerization. Macromolecular Symposia, 2002, 182, 65-80.	0.4	77
34	Tailored polymer architectures by reversible addition-frasmentation chain transfer. Macromolecular Symposia, 2001, 174, 209-212.	0.4	82
35	Living free radical polymerization with reversible addition - fragmentation chain transfer (the life of) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	799
36	Synthesis of Defined Polymers by Reversible Additionâ€"Fragmentation Chain Transfer: The RAFT Process. ACS Symposium Series, 2000, , 278-296.	0.5	175

#	Article	IF	Citations
37	Living Polymers by the Use of Trithiocarbonates as Reversible Additionâ˜'Fragmentation Chain Transfer (RAFT) Agents:Â ABA Triblock Copolymers by Radical Polymerization in Two Steps. Macromolecules, 2000, 33, 243-245.	2.2	446
38	Tailored polymers by free radical processes. Macromolecular Symposia, 1999, 143, 291-307.	0.4	136
39	Living Radical Polymerization with Reversible Additionâ˜'Fragmentation Chain Transfer (RAFT) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 6977-6980.	2.2	519
40	Chain Transfer to Polymer:Â A Convenient Route to Macromonomers. Macromolecules, 1999, 32, 7700-7702.	2.2	163
41	Living Free-Radical Polymerization by Reversible Additionâ˜'Fragmentation Chain Transfer:Â The RAFT Process. Macromolecules, 1998, 31, 5559-5562.	2.2	4,672
42	Polymer Syntheses, Vol. 3, 2nd Edition. By Stanley R. Sandler. Molecules, 1998, 3, 48-48.	1.7	0
43	Acidâ˜'Amide Intermolecular Hydrogen Bonding. Journal of the American Chemical Society, 1997, 119, 3802-3806.	6.6	77
44	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.	2.9	2
45	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.	2.9	112
46	Synthesis and conformation of a bilirubin analog with propionic acid side chains extended to undecanoic acid. Tetrahedron, 1992, 48, 5969-5984.	1.0	7
47	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.	0.7	10