

CITATION REPORT

List of articles citing

Predictive control and verification of conversion kinetics and polymer molecular weight in semi-batch free radical homopolymer reactions

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European Polymer Journal, 2009, 45, 2288-2303.

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#	Paper	IF	Citations
22	Automated Continuous Online Monitoring of Polymerization Reactions (ACOMP) and Related Techniques. 2000 , 1-40		3
21	Online Monitoring of Molecular Weight and Other Characteristics during Semibatch Emulsion Polymerization under Monomer Starved and Flooded Conditions. <i>Macromolecules</i> , 2009 , 42, 8093-8101	5.5	13
20	Application of End-Point Control and Trajectory Tracking to Batch Processes. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010 , 43, 407-412		
19	Fundamental Measurements in Online Polymerization Reaction Monitoring and Control with a Focus on ACOMP. <i>Macromolecular Reaction Engineering</i> , 2010 , 4, 470-485	1.5	26
18	Data Reconciliation and Control in Styrene-Butadiene Emulsion Polymerizations. <i>Macromolecular Symposia</i> , 2011 , 302, 80-89	0.8	9
17	Single-Point Intrinsic Viscosity and Density Measurements for In-Line MIMO Control Purposes of a Lumped-Distributed Polymeric System. <i>Macromolecular Reaction Engineering</i> , 2012 , 6, 482-494	1.5	3
16	Online, continuous monitoring of the sensitivity of the LCST of NIPAM-Am copolymers to discrete and broad composition distributions. <i>Polymer</i> , 2014 , 55, 4899-4907	3.9	9
15	Applications of ACOMP (I). 2014 , 247-270		
14	Applications of ACOMP (II). 2014 , 271-294		
13	Outlook for Industrial ACOMP. 2014 , 313-324		
12	Automatic discovery and optimization of chemical processes. <i>Current Opinion in Chemical Engineering</i> , 2015 , 9, 1-7	5.4	75
11	Automatic Control of Polymer Molecular Weight during Synthesis. <i>Macromolecules</i> , 2016 , 49, 7170-7183	5.5	22
10	At-Line Monitoring of Conversion in the Inverse Miniemulsion Polymerization of Acrylamide by Raman Spectroscopy. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 6317-6324	3.9	3
9	Online Optimal Feedback Control of Polymerization Reactors: Application to Polymerization of Acrylamide-Water-Potassium Persulfate (KPS) System. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 7322-7335	3.9	11
8	Control of Polymerization Processes. 2017 ,		
7	Simultaneous Monitoring of the Effects of Multiple Ionic Strengths on Properties of Copolymeric Polyelectrolytes during Their Synthesis. <i>Processes</i> , 2017 , 5, 17	2.9	2
6	Framework design for weight-average molecular weight control in semi-batch polymerization. <i>Control Engineering Practice</i> , 2018 , 78, 12-23	3.9	17

5	A geometric observer design for a semi-batch free-radical polymerization system. <i>Computers and Chemical Engineering</i> , 2019 , 126, 391-402	4	6
4	Automatic Continuous Online Monitoring and Control of Polymerization Reactions and Related Methods. 2019 , 1-55		2
3	Neuro-adaptive fast terminal sliding mode control of the continuous polymerization reactor in the presence of unknown disturbances. <i>International Journal of Dynamics and Control</i> , 2021 , 9, 1167-1176	1.7	0
2	A Comparative Study on Several Anti-Corrosion Materials for Power FGD System. <i>Engineering</i> , 2011 , 03, 653-658	0.4	7
1	Smart manufacturing enabled by continuous monitoring and control of polymer characteristics. 2020 , 257-308		