

Hugo M Vale

List of Publications by Year in descending order

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16
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1040056

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237
citing authors

#	ARTICLE	IF	CITATIONS
1	PLP-SEC Investigation of the Influence of Electrostatic Interactions on the Radical Propagation Rate Coefficients of Cationic Monomers TMAEMC and MAPTAC. <i>Macromolecules</i> , 2021, 54, 3204-3222.	4.8	3
2	Dependence of Copolymer Composition in Radical Polymerization on Solution Properties: a Quantitative Thermodynamic Interpretation. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 10566-10583.	3.7	2
3	A General Approach for Modeling Acrylate and Methacrylate Solution Copolymerizations. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 10615-10637.	3.7	5
4	Toward a digital polymer reaction engineering. <i>Advances in Chemical Engineering</i> , 2020, , 187-227.	0.9	13
5	Application of a grey-box modelling approach for the online monitoring of batch production in the chemical industry. <i>Automatisierungstechnik</i> , 2020, 68, 582-598.	0.8	2
6	Dependence of Propagation Rate Coefficients in Radical Polymerization on Solution Properties: A Quantitative Thermodynamic Interpretation. <i>Macromolecular Reaction Engineering</i> , 2018, 12, 1800010.	1.5	12
7	Is Modeling the PSD in Emulsion Polymerization a Finished Problem? An Overview. <i>Macromolecular Reaction Engineering</i> , 2017, 11, 1600059.	1.5	27
8	Dependence of Propagation Rate Coefficients in Radical Polymerization on Solution Properties. <i>Macromolecular Reaction Engineering</i> , 2017, 11, 1600037.	1.5	13
9	Models in the Polymer Industry: What Present? What Future?. <i>Macromolecular Symposia</i> , 2013, 333, 286-296.	0.7	2
10	Particle Formation in Vinyl Chloride Emulsion Polymerization: Reaction Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 5193-5210.	3.7	20
11	Particle Formation in Vinyl Chloride Emulsion Polymerization. Experimental Study. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 8107-8118.	3.7	8
12	Solution of Population Balance Equations for Emulsion Polymerization: A Zero-Order and Zero-Order-Two Systems. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 643-654.	3.7	13
13	Synthesis of Bimodal PVC Latexes by Emulsion Polymerization: An Experimental and Modeling Study. <i>Macromolecular Symposia</i> , 2006, 243, 261-267.	0.7	3
14	Modeling particle size distribution in emulsion polymerization reactors. <i>Progress in Polymer Science</i> , 2005, 30, 1019-1048.	24.7	77
15	Adsorption of sodium dodecyl sulfate and sodium dodecyl benzenesulfonate on poly(vinyl chloride) latexes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 268, 68-72.	4.7	30
16	Solution of the Population Balance Equation for Two-Component Aggregation by an Extended Fixed Pivot Technique. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 7885-7891.	3.7	46