

Jose Ramon Leiza

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Incorporation of a Coumarate Based Corrosion Inhibitor in Waterborne Polymeric Binders for Corrosion Protection Applications. <i>Macromolecular Materials and Engineering</i> , 2022, 307, .	3.6	4
2	Taking Advantage of Phosphate Functionalized Waterborne Acrylic Binders to Get Rid of Inhibitors in Direct-to-Metal Paints. <i>Polymers</i> , 2022, 14, 316.	4.5	1
3	Strategies to incorporate a fluorinated acrylate monomer into polymer particles: from particle morphology to film morphology and anticorrosion properties. <i>Colloid and Polymer Science</i> , 2022, 300, 429-443.	2.1	4
4	Lactide-Valerolactone Copolymers for Packaging Applications. <i>Polymers</i> , 2022, 14, 52.	4.5	5
5	High biobased content waterborne latexes stabilized with casein. <i>Progress in Organic Coatings</i> , 2022, 168, 106870.	3.9	8
6	Characterization of grafting properties of ABS latexes: ATR-FTIR vs NMR spectroscopy. <i>Polymer</i> , 2022, 253, 124997.	3.8	7
7	Oilâ€Based versus Bioâ€Based C8 Alkyl Chain (Meth)Acrylates in Emulsion Polymerization: Kinetics and Microstructure. <i>Macromolecular Reaction Engineering</i> , 2022, 16, .	1.5	6
8	Kinetics of Radical Ring Opening Polymerization of the Cyclic Ketene Acetal 2-Methylene-1,3-dioxepane with Vinyl Monomers. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 10479-10488.	3.7	20
9	On-line control of the particle morphology of composite polymer-polymer waterborne dispersions. <i>Chemical Engineering Journal</i> , 2021, 408, 127253.	12.7	8
10	Evolution of the film properties of 3â€methacryloxypropyl trimethoxysilane containing waterborne acrylic coatings during storage. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49796.	2.6	5
11	Cross-Sectional Chemical Nanoimaging of Composite Polymer Nanoparticles by Infrared Nanospectroscopy. <i>Macromolecules</i> , 2021, 54, 995-1005.	4.8	14
12	Multilobular morphology: the key for biphasic multifunctional nanogels. <i>Soft Matter</i> , 2021, 17, 9353-9362.	2.7	4
13	Biobased Alkali Soluble Resins promoting supramolecular interactions in sustainable waterborne Pressure-Sensitive Adhesives: High performance and removability. <i>European Polymer Journal</i> , 2021, 144, 110244.	5.4	17
14	Assessing the Effect of CeO ₂ Nanoparticles as Corrosion Inhibitor in Hybrid Biobased Waterborne Acrylic Direct to Metal Coating Binders. <i>Polymers</i> , 2021, 13, 848.	4.5	16
15	Green Electrospinning of Polymer Latexes: A Systematic Study of the Effect of Latex Properties on Fiber Morphology. <i>Nanomaterials</i> , 2021, 11, 706.	4.1	10
16	Closed-loop in-silico control of a two-stage emulsion polymerization to obtain desired particle morphologies. <i>Chemical Engineering Journal</i> , 2021, 414, 128808.	12.7	7
17	Easy removable and UV tunable biobased waterborne pressure sensitive adhesives. <i>International Journal of Adhesion and Adhesives</i> , 2021, 108, 102860.	2.9	11
18	Asymmetric-Flow Field-Flow Fractionation of complex waterborne polymer dispersions: Effect of the concentration of water in the measurement of molar mass distributions. <i>Journal of Chromatography A</i> , 2021, 1652, 462363.	3.7	0

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19	Impact of the in-situ phosphatization on the corrosion resistance of steel coated with fluorinated waterborne binders assessed by SKP and EIS. <i>Progress in Organic Coatings</i> , 2020, 148, 105706.	3.9	9
20	Renewable feedstocks in emulsion polymerization: Coating and adhesive applications. <i>Advances in Chemical Engineering</i> , 2020, 56, 139-186.	0.9	9
21	Incorporation of novel degradable oligoester crosslinkers into waterborne pressure sensitive adhesives: towards removable adhesives. <i>Green Chemistry</i> , 2020, 22, 3272-3282.	9.0	9
22	Characterization of Comb Shaped MAA-co-PEGMA Copolymers Synthesized by Free Radical Polymerization. <i>Macromolecular Reaction Engineering</i> , 2020, 14, 2000015.	1.5	8
23	Lactide-caprolactone copolymers with tuneable barrier properties for packaging applications. <i>Polymer</i> , 2020, 202, 122681.	3.8	18
24	Understanding the emulsion copolymerization kinetics of vinyl acetate and vinyl silanes. <i>Polymer Chemistry</i> , 2020, 11, 2390-2398.	3.9	3
25	Emulsion Copolymerization of Vinyl Acetate and Vinyl Silanes: Kinetics and Development of Microstructure. <i>Macromolecular Reaction Engineering</i> , 2020, 14, 1900043.	1.5	8
26	Removable Biobased Waterborne Pressure-Sensitive Adhesives Containing Mixtures of Isosorbide Methacrylate Monomers. <i>Biomacromolecules</i> , 2020, 21, 4522-4531.	5.4	25
27	In-situ phosphatization and enhanced corrosion properties of films made of phosphate functionalized nanoparticles. <i>Reactive and Functional Polymers</i> , 2019, 143, 104334.	4.1	25
28	Combined Effect of Crystalline Nanodomains and <i>in Situ</i> Phosphatization on the Anticorrosion Properties of Waterborne Composite Latex Films. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21022-21030.	3.7	15
29	Coupling HAADF-STEM Tomography and Image Reconstruction for the Precise Characterization of Particle Morphology of Composite Polymer Latexes. <i>Macromolecules</i> , 2019, 52, 5298-5306.	4.8	17
30	Monitoring the evolution of the microstructure of vinyl silane monomer containing poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	3.4	10
31	UV-Tunable Biobased Pressure-Sensitive Adhesives Containing Piperonyl Methacrylate. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19122-19130.	6.7	27
32	Waterborne Acrylic/CeO ₂ Nanocomposites for UV Blocking Clear Coats. , 2019, , .		1
33	Experimental validation of a mathematical model for the evolution of the particle morphology of waterborne polymer-polymer hybrids: Paving the way to the design and implementation of optimal polymerization strategies. <i>Chemical Engineering Journal</i> , 2019, 363, 259-269.	12.7	16
34	Why can Dispolreg 007 control the nitroxide mediated polymerization of methacrylates?. <i>Polymer Chemistry</i> , 2019, 10, 106-113.	3.9	18
35	Modelling and control of the microstructure of comb-like poly(MAA-co-PEGMA) water-soluble copolymers. <i>Polymer Chemistry</i> , 2019, 10, 1000-1009.	3.9	5
36	Copolymerization of (meth)acrylates with vinyl aromatic macromonomers: understanding the mechanism of retardation on the kinetics with acrylates. <i>Polymer Chemistry</i> , 2019, 10, 1769-1779.	3.9	8

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37	Dynamic Optimization and Non-linear Model Predictive Control to Achieve Targeted Particle Morphologies. <i>Chemie-Ingenieur-Technik</i> , 2019, 91, 323-335.	0.8	11
38	Dynamic optimization of a two-stage emulsion polymerization to obtain desired particle morphologies. <i>Chemical Engineering Journal</i> , 2019, 359, 1035-1045.	12.7	24
39	Nitroxide mediated copolymerization of acrylates, methacrylates and styrene: The importance of side reactions in the polymerization of acrylates. <i>European Polymer Journal</i> , 2019, 110, 319-329.	5.4	15
40	Importance of film morphology on the performance of thermo-responsive waterborne pressure sensitive adhesives. <i>European Polymer Journal</i> , 2018, 98, 63-71.	5.4	15
41	Insights into the Network Structure of Cross-Linked Polymers Synthesized via Miniemulsion Nitroxide-Mediated Radical Polymerization. <i>Macromolecules</i> , 2018, 51, 9740-9748.	4.8	17
42	PS/PMMA-CdSe/ZnS Quantum Dots Hybrid Nanofibers for VOCs Sensors. <i>Israel Journal of Chemistry</i> , 2018, 58, 1347-1355.	2.3	11
43	High Biobased Content Latexes for Development of Sustainable Pressure Sensitive Adhesives. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 14509-14516.	3.7	44
44	Phase Separation Driven On-Demand Debondable Waterborne Pressure-Sensitive Adhesives. <i>Polymers</i> , 2018, 10, 975.	4.5	4
45	Combining SEC & MALDI for characterization of the continuous phase in dispersion polymerization. <i>European Polymer Journal</i> , 2018, 105, 265-273.	5.4	1
46	Nitroxide mediated suspension polymerization of methacrylic monomers. <i>Chemical Engineering Journal</i> , 2017, 316, 655-662.	12.7	33
47	Waterborne paints containing nano-sized crystalline domains formed by comb-like polymers. <i>Progress in Organic Coatings</i> , 2017, 106, 11-19.	3.9	9
48	Novel alkoxyamines for the successful controlled polymerization of styrene and methacrylates. <i>Polymer Chemistry</i> , 2017, 8, 1728-1736.	3.9	28
49	High solids content nitroxide mediated miniemulsion polymerization of n-butyl methacrylate. <i>Polymer Chemistry</i> , 2017, 8, 1628-1635.	3.9	28
50	Multi-wavelength UV-detection in capillary hydrodynamic fractionation. Data treatment for an absolute estimate of the particle size distribution. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 189, 168-175.	2.3	2
51	Accelerated ageing of hybrid acrylic waterborne coatings containing metal oxide nanoparticles: Effect on the microstructure. <i>Surface and Coatings Technology</i> , 2017, 321, 484-490.	4.8	20
52	Surfactant-free poly(methyl methacrylate)/poly(vinylamine) (PMMA/PVAm) amphiphilic core-shell polymer particles. <i>Colloid and Polymer Science</i> , 2017, 295, 135-144.	2.1	4
53	Acrylic-based composite latexes containing nano-sized liquid crystalline domains. <i>Polymer</i> , 2017, 108, 288-300.	3.8	5
54	Toward the minimization of fluorescence loss in hybrid cross-linked core-shell PS/QD/PMMA nanoparticles: Effect of the shell thickness. <i>Chemical Engineering Journal</i> , 2017, 313, 261-269.	12.7	15

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55	Co-encapsulation of CdSe/ZnS and CeO ₂ nanoparticles in waterborne polymer dispersions: enhancement of fluorescence emission under sunlight. <i>Soft Matter</i> , 2017, 13, 8039-8047.	2.7	6
56	Dynamics of the Particle Morphology during the Synthesis of Waterborne Polymer-Inorganic Hybrids. <i>Macromolecules</i> , 2017, 50, 7190-7201.	4.8	18
57	Effective incorporation of ZnO nanoparticles by miniemulsion polymerization in waterborne binders for steel corrosion protection. <i>Journal of Coatings Technology Research</i> , 2017, 14, 829-839.	2.5	15
58	Preparation of high solids content waterborne acrylic coatings using polymerizable surfactants to improve water sensitivity. <i>Progress in Organic Coatings</i> , 2017, 112, 200-209.	3.9	23
59	Morphology of Composite Polymer Latexes: An Update on Synthesis and Applications, Modeling, and Characterization. <i>Advances in Polymer Science</i> , 2017, , 105-141.	0.8	7
60	Cross-Contamination From Vial Caps for SEC Analysis Determined by MALDI-TOF Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2017, 55, 137-141.	1.4	4
61	Anionic Polymerizable Surfactants and Stabilizers in Emulsion Polymerization: A Comparative Study. <i>Macromolecular Reaction Engineering</i> , 2017, 11, 1600033.	1.5	8
62	Kinetics of the Aqueous-Phase Copolymerization of MAA and PEGMA Macromonomer: Influence of Monomer Concentration and Side Chain Length of PEGMA. <i>Processes</i> , 2017, 5, 19.	2.8	18
63	Control of Polymerization Processes. , 2017, , .		0
64	Stable Photocatalytic Paints Prepared from Hybrid Core-Shell Fluorinated/Acrylic/TiO ₂ Waterborne Dispersions. <i>Crystals</i> , 2016, 6, 136.	2.2	19
65	A new approach for mathematical modeling of the dynamic development of particle morphology. <i>Chemical Engineering Journal</i> , 2016, 304, 655-666.	12.7	34
66	Adding magnetic ionic liquid monomers to the emulsion polymerization tool-box: Towards polymer latexes and coatings with new properties. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1145-1152.	2.3	12
67	Improving the properties of water-borne pressure sensitive adhesives by using non-migratory surfactants. <i>International Journal of Adhesion and Adhesives</i> , 2016, 70, 287-296.	2.9	20
68	Photocatalytic and magnetic titanium dioxide/polystyrene/magnetite composite hybrid polymer particles. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3350-3356.	2.3	12
69	New Class of Alkoxyamines for Efficient Controlled Homopolymerization of Methacrylates. <i>ACS Macro Letters</i> , 2016, 5, 1019-1022.	4.8	57
70	Quantitative study on the homogeneity of networks synthesized by nitroxide-mediated radical copolymerization of styrene and divinylbenzene. <i>European Polymer Journal</i> , 2016, 85, 244-255.	5.4	11
71	Synthesis of poly(methyl methacrylate) and block copolymers by semi-batch nitroxide mediated polymerization. <i>Polymer Chemistry</i> , 2016, 7, 6964-6972.	3.9	25
72	Phase behavior of side-chain liquid-crystalline polymers containing biphenyl mesogens with different spacer lengths synthesized via miniemulsion polymerization. <i>Polymer Chemistry</i> , 2016, 7, 4736-4750.	3.9	20

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73	Performance of latexes containing nano-sized crystalline domains formed by comb-like polymers. <i>Polymer</i> , 2016, 96, 121-129.	3.8	19
74	Synthesis and characterization of comb-like acrylic-based polymer latexes containing nano-sized crystallizable domains. <i>Polymer</i> , 2016, 84, 167-177.	3.8	18
75	Analyzing the discrepancies in the activation energies of the backbiting and β^2 -scission reactions in the radical polymerization of n-butyl acrylate. <i>Polymer Chemistry</i> , 2016, 7, 2069-2077.	3.9	48
76	Water Whitening Reduction in Waterborne Pressure-Sensitive Adhesives Produced with Polymerizable Surfactants. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 925-936.	3.6	35
77	Evolution of particle morphology during the synthesis of hybrid acrylic/CeO ₂ nanocomposites by miniemulsion polymerization. <i>Journal of Polymer Science Part A</i> , 2015, 53, 792-799.	2.3	14
78	Characterization of poly(<i>N</i> -vinyl formamide) by size exclusion chromatography–multiangle light scattering and asymmetric flow field–flow fractionation–multiangle light scattering. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	2
79	From Polymer Latexes to Multifunctional Liquid Marbles. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4433-4441.	8.0	26
80	Thermal and mechanical characterization of films based on poly(vinyl alcohol) and β^2 -lactoglobulin blends. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	1
81	Film forming hybrid acrylic/ZnO latexes with excellent UV absorption capacity. <i>Chemical Engineering Journal</i> , 2015, 270, 300-308.	12.7	22
82	Photoactive self-cleaning polymer coatings by TiO ₂ nanoparticle Pickering miniemulsion polymerization. <i>Chemical Engineering Journal</i> , 2015, 281, 209-217.	12.7	50
83	New evidence for hybrid acrylic/TiO ₂ films inducing bacterial inactivation under low intensity simulated sunlight. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 1-7.	5.0	34
84	Bulk Crosslinking Copolymerization: Comparison of Different Modeling Approaches. <i>Macromolecular Reaction Engineering</i> , 2014, 8, 678-695.	1.5	17
85	(Cryo)-TEM Assessment of Droplet Nucleation Efficiency in Hybrid Acrylic/CeO ₂ Semibatch Miniemulsion Polymerization. <i>Macromolecules</i> , 2014, 47, 8404-8410.	4.8	6
86	Copolymerization of <i>n</i> -Butyl Acrylate and Styrene: Terminal vs Penultimate Model. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1668-1678.	2.2	18
87	Mathematical Modeling of Carboxylated <i>SB</i> Latexes. <i>Macromolecular Reaction Engineering</i> , 2014, 8, 329-346.	1.5	12
88	Seeded Semibatch Emulsion Copolymerization of Styrene, Butadiene, and Carboxylic Acids in a Pilot Plant Reactor. <i>Macromolecular Reaction Engineering</i> , 2014, 8, 217-226.	1.5	2
89	Particle nucleation and growth in seeded semibatch miniemulsion polymerization of hybrid CeO ₂ /acrylic latexes. <i>Polymer</i> , 2014, 55, 752-761.	3.8	23
90	Beneficial in-situ incorporation of nanoclay to waterborne PVAc/PVOH dispersion adhesives for wood applications. <i>International Journal of Adhesion and Adhesives</i> , 2014, 48, 295-302.	2.9	20

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91	Modeling the Mini-Emulsion Copolymerization of N-Butyl Acrylate with a Water-Soluble Monomer: A Monte Carlo Approach. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 8996-9003.	3.7	25
92	Radical initiator modified cerium oxide nanoparticles for polymer encapsulation via grafting from the surface. <i>RSC Advances</i> , 2014, 4, 61863-61868.	3.6	5
93	Hybrid acrylic/CeO ₂ nanocomposites using hydrophilic, spherical and high aspect ratio CeO ₂ nanoparticles. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20280-20287.	10.3	18
94	Mechanistic investigation of the simultaneous addition and free-radical polymerization in batch miniemulsion droplets: Monte Carlo simulation versus experimental data in polyurethane/acrylic systems. <i>Polymer</i> , 2014, 55, 4801-4811.	3.8	33
95	Experimental Evidence Shedding Light on the Origin of the Reduction of Branching of Acrylates in ATRP. <i>Macromolecules</i> , 2014, 47, 964-972.	4.8	27
96	The effect of the crosslinking agent on the performance of propranolol imprinted polymers. <i>European Polymer Journal</i> , 2014, 53, 282-291.	5.4	27
97	Capillary hydrodynamic fractionation of hydrophobic colloids: Errors in the estimated particle size distribution. <i>Particuology</i> , 2014, 17, 97-105.	3.6	5
98	Encapsulation of Clay within Polymer Particles in a High-Solids Content Aqueous Dispersion. <i>Langmuir</i> , 2013, 29, 9849-9856.	3.5	25
99	A New Insight into the Formation of Polymer Networks: A Kinetic Monte Carlo Simulation of the Cross-Linking Polymerization of S/DVB. <i>Macromolecules</i> , 2013, 46, 9064-9073.	4.8	44
100	Morphology and properties of waterborne adhesives made from hybrid polyacrylic/montmorillonite clay colloidal dispersions showing improved tack and shear resistance. <i>Colloid and Polymer Science</i> , 2013, 291, 167-180.	2.1	32
101	Polymerization of n-butyl acrylate with high concentration of a chain transfer agent (CBr4): detailed characterization and impact on branching. <i>Polymer Chemistry</i> , 2013, 4, 2062.	3.9	20
102	Acid catalyzed polymerization of macrolactones in bulk and aqueous miniemulsion: Ring opening vs. condensation. <i>European Polymer Journal</i> , 2013, 49, 1601-1609.	5.4	38
103	UV screening clear coats based on encapsulated CeO ₂ hybrid latexes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3155.	10.3	70
104	Effect of the Incorporation of Modified Silicas on the Final Properties of Wood Adhesives. <i>Macromolecular Reaction Engineering</i> , 2013, 7, 527-537.	1.5	8
105	Surfactant-Free Miniemulsion Polymerization of n-BA/S Stabilized by NaMMT: Films with Improved Water Resistance. <i>Langmuir</i> , 2013, 29, 2397-2405.	3.5	28
106	Toward Understanding the Architecture (Branching and MWD) of Crosslinked Acrylic Latexes. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 589-598.	2.2	13
107	Polymerization of N-Vinyl Formamide in Homogeneous and Heterogeneous Media and Surfactant Free Emulsion Polymerization of MMA Using Polyvinylamine as Stabilizer. <i>Macromolecular Symposia</i> , 2013, 333, 80-92.	0.7	9
108	High-Solids Content Hybrid Acrylic/CeO ₂ Latexes with Encapsulated Morphology Assessed by 3D-TEM. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2157-2164.	2.2	17

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109	Detailed Microstructure Investigation of Acrylate/Methacrylate Functional Copolymers by Kinetic Monte Carlo Simulation. <i>Macromolecular Reaction Engineering</i> , 2012, 6, 319-329.	1.5	35
110	Synthesis of waterborne acrylic/clay nanocomposites by controlled surface initiation from macroinitiator modified montmorillonite. <i>European Polymer Journal</i> , 2012, 48, 896-905.	5.4	28
111	Branching at High Frequency Pulsed Laser Polymerizations of Acrylate Monomers. <i>Macromolecules</i> , 2011, 44, 3674-3679.	4.8	23
112	Kinetics of the emulsion copolymerization of MMA/BA in the presence of sodium montmorillonite. <i>Applied Clay Science</i> , 2011, 51, 110-116.	5.2	12
113	Unimodal Particle Size Distribution Latexes: Effect of Reaction Conditions on Viscosity and Stability at High Solids Content. <i>Macromolecular Reaction Engineering</i> , 2011, 5, 361-372.	1.5	8
114	Competitive particle growth: A tool to control the particle size distribution for the synthesis of high solids content low viscosity latexes. <i>Chemical Engineering Journal</i> , 2011, 168, 938-946.	12.7	28
115	Morphology of Polymer/Clay Latex Particles Synthesized by Miniemulsion Polymerization: Modeling and Experimental Results. <i>Macromolecular Reaction Engineering</i> , 2010, 4, 432-444.	1.5	32
116	New Frontiers in Polymer Engineering. <i>Macromolecular Reaction Engineering</i> , 2010, 4, 367-368.	1.5	0
117	High performance water-borne paints with high volume solids based on bimodal latexes. <i>Progress in Organic Coatings</i> , 2010, 68, 225-233.	3.9	31
118	Modeling the equilibrium morphology of nanodroplets in the presence of nanofillers. <i>Journal of Colloid and Interface Science</i> , 2010, 352, 359-365.	9.4	39
119	Control of particle size distribution for the synthesis of small particle size high solids content latexes. <i>Polymer</i> , 2010, 51, 4044-4052.	3.8	31
120	Morphology of Three-Phase PS/PBA Composite Latex Particles Containing in Situ Produced Block Copolymers. <i>Macromolecules</i> , 2010, 43, 1356-1363.	4.8	26
121	Redox initiator systems for emulsion polymerization of acrylates. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2917-2927.	2.3	72
122	A Neural Network Model for Estimating the Particle Size Distribution of Dilute Latex from Multiangle Dynamic Light Scattering Measurements. <i>Particle and Particle Systems Characterization</i> , 2009, 26, 41-52.	2.3	46
123	New agitated and thermostated cell for <i>in situ</i> monitoring of fast reactions by synchrotron SAXS. <i>Journal of Synchrotron Radiation</i> , 2009, 16, 869-871.	2.4	1
124	Effect of Reaction Temperature on the Gel Content of Acrylic Latexes. <i>Macromolecular Reaction Engineering</i> , 2009, 3, 11-15.	1.5	11
125	Production of Widely Different Dispersed Polymers in a Continuous Taylor-Couette Reactor. <i>Macromolecular Reaction Engineering</i> , 2009, 3, 233-240.	1.5	16
126	Sensors, Process Control and Modeling in Polymer Production. <i>Macromolecular Reaction Engineering</i> , 2009, 3, 324-325.	1.5	4

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127	Macromol. React. Eng. 7/2009. Macromolecular Reaction Engineering, 2009, 3, NA-NA.	1.5	0
128	Macroinitiator and Macromonomer Modified Montmorillonite for the Synthesis of Acrylic/MMT Nanocomposite Latexes. Macromolecules, 2009, 42, 3316-3325.	4.8	72
129	Towards the synthesis of high solids content waterborne poly(methyl methacrylate-co-butyl) Tj ETQq1 1 0.784314 ggBT /Overlock 10	3.8	67
130	High Solids Content Waterborne Acrylic/Montmorillonite Nanocomposites by Miniemulsion Polymerization. Macromolecular Reaction Engineering, 2008, 2, 80-89.	1.5	54
131	Adhesion enhancement in waterborne acrylic latex binders synthesized with phosphate methacrylate monomers. Progress in Organic Coatings, 2008, 61, 38-44.	3.9	46
132	Molecular Weight Distribution (Soluble and Insoluble Fraction) in Emulsion Polymerization of Acrylate Monomers by Monte Carlo Simulations. Industrial & Engineering Chemistry Research, 2008, 47, 5934-5947.	3.7	59
133	High Solids Content Waterborne Polymer-Clay Nanocomposites. Macromolecular Symposia, 2007, 259, 305-317.	0.7	40
134	The role of methyl methacrylate on branching and gel formation in the emulsion copolymerization of BA/MMA. Polymer, 2007, 48, 2542-2547.	3.8	91
135	Morphology control in polystyrene/poly(methyl methacrylate) composite latex particles. Journal of Polymer Science Part A, 2007, 45, 2484-2493.	2.3	34
136	Exploring the Limits of Branching and Gel Content in the Emulsion Polymerization of n-BA. Macromolecules, 2006, 39, 5015-5020.	4.8	54
137	Effect of in-Situ-Produced Block Copolymer on Latex Particle Morphology. Macromolecules, 2006, 39, 6969-6974.	4.8	21
138	Crosslinking in Acetoacetoxy Functional Waterborne Crosslinkable Latexes. Macromolecular Symposia, 2006, 243, 53-62.	0.7	30
139	Unexpected Crosslinking During Acetoacetoxy Group Protection on Waterborne Crosslinkable Latexes. Macromolecular Materials and Engineering, 2006, 291, 1185-1193.	3.6	13
140	Safety in Emulsion Polymerization Reactors: An Experimental Study. Macromolecular Materials and Engineering, 2005, 290, 242-249.	3.6	11
141	Model Reduction in Emulsion Polymerization Using Hybrid First Principles/Artificial Neural Networks Models, 2. Macromolecular Theory and Simulations, 2005, 14, 125-132.	1.4	4
142	High Temperature Free Radical Copolymerization with Depropagation and Penultimate Kinetic Effects. Macromolecular Theory and Simulations, 2005, 14, 554-559.	1.4	17
143	Independent control of sol molar mass and gel content in acrylate polymer/latexes. Polymer, 2005, 46, 9555-9561.	3.8	64
144	Cross-linking emulsion copolymerization of butyl acrylate with diallyl maleate. Journal of Polymer Science Part A, 2005, 43, 4684-4694.	2.3	20

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145	Effect of the Diacrylate Ester Size on the Semicontinuous Cross-Linking Emulsion Copolymerization of BA. <i>Macromolecules</i> , 2005, 38, 2722-2728.	4.8	23
146	Monitoring Emulsion Polymerization Reactors: Calorimetry Versus Raman Spectroscopy. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 7200-7207.	3.7	51
147	Seeded Semicontinuous Emulsion Copolymerization of Butyl Acrylate with Cross-Linkers. <i>Macromolecules</i> , 2005, 38, 1164-1171.	4.8	52
148	Monitoring of High Solids Content Starved-Semi-Batch Emulsion Copolymerization Reactions by Fourier Transform Raman Spectroscopy. <i>Applied Spectroscopy</i> , 2005, 59, 1270-1279.	2.2	24
149	Monitoring of Emulsion Polymerization Reactors by Raman Spectroscopy: Calibration Model Maintenance. <i>Applied Spectroscopy</i> , 2005, 59, 1280-1285.	2.2	19
150	On-line monitoring of all-acrylic emulsion polymerization reactors by Raman spectroscopy. <i>Macromolecular Symposia</i> , 2004, 206, 135-148.	0.7	29
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