

# Jos Carlos Pinto

## List of Publications by Year in Descending Order

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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.

384  
papers

5,720  
citations

38  
h-index

54  
g-index

400  
ext. papers

6,437  
ext. citations

2.9  
avg, IF

5.81  
L-index

#	Paper	IF	Citations
384	Polymeric nanoparticles as therapeutic agents against coronavirus disease.. <i>Journal of Nanoparticle Research</i> , <b>2022</b> , 24, 12	2.3	3
383	How the biodiesel from immobilized enzymes production is going on: An advanced bibliometric evaluation of global research. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 153, 111765	16.2	9
382	Process Hazard Analysis Based on Modeling and Simulation Tools. <i>Processes</i> , <b>2022</b> , 10, 386	2.9	0
381	Critical Evaluation of Life Cycle Assessment Analyses of Plastic Waste Pyrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2022</b> , 10, 3799-3807	8.3	2
380	Chaotic dynamics induced by anti-slug control in offshore oil production plants. <i>Journal of Petroleum Science and Engineering</i> , <b>2022</b> , 110716	4.4	
379	Virtual flow metering of production flow rates of individual wells in oil and gas platforms through data reconciliation. <i>Journal of Petroleum Science and Engineering</i> , <b>2021</b> , 109772	4.4	0
378	Comparative performance and reusability studies of lipases on syntheses of octyl esters with an economic approach. <i>Bioprocess and Biosystems Engineering</i> , <b>2021</b> , 1	3.7	2
377	Continuous Diabatic Free-Radical Solution Polymerization Reactors: Search Engines for Non-Linear Dynamical Solutions. <i>Chemical Engineering Science</i> , <b>2021</b> , 117221	4.4	1
376	Two-phase multi-scale modeling of a tubular loop propylene polymerization reactor. <i>Chemical Engineering Journal Advances</i> , <b>2021</b> , 5, 100072	3.6	0
375	Variable Selection for Fault Detection Based on Causal Discovery Methods: Analysis of an Actual Industrial Case. <i>Processes</i> , <b>2021</b> , 9, 544	2.9	2
374	Capture and Reuse of Carbon Dioxide (CO <sub>2</sub> ) for a Plastics Circular Economy: A Review. <i>Processes</i> , <b>2021</b> , 9, 759	2.9	7
373	Sequential experimental designs for discrimination among adsorption equilibrium models. <i>Chemical Engineering Research and Design</i> , <b>2021</b> , 170, 434-443	5.5	1
372	Modeling of Isoprene Solution Coordinative Chain Transfer Polymerization. <i>Macromolecular Reaction Engineering</i> , <b>2021</b> , 15, 2100005	1.5	2
371	A Bibliometric Survey on Polyisobutylene Manufacture. <i>Processes</i> , <b>2021</b> , 9, 1315	2.9	1
370	D-optimal experimental designs for precise parameter estimation of adsorption equilibrium models: initial concentration and solvent volume to adsorbent mass ratio as independent variables. <i>Adsorption</i> , <b>2021</b> , 27, 1013	2.6	
369	Enzymatic synthesis of biolubricants from by-product of soybean oil processing catalyzed by different biocatalysts of <i>Candida rugosa</i> lipase. <i>Catalysis Today</i> , <b>2021</b> , 362, 122-129	5.3	17
368	Preparation of Polymer Microparticles Through Non-aqueous Suspension Polycondensations: Part IV—Effect of the Continuous Phase on the Characteristics of Final Poly(Butylene Succinate) Particles. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 29, 219-229	4.5	3

367	In situ encapsulation of praziquantel through methyl methacrylate/diethylaminoethyl methacrylate and MMA/DMAEMA miniemulsion copolymerizations in presence of distinct ionic surfactants. <i>SPE Polymers</i> , <b>2021</b> , 2, 110-121	1.1	0
366	Phenomenological approaches for quantitative temperature-programmed reduction (TPR) and desorption (TPD) analysis. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2021</b> , 94, 425-434	6.3	2
365	A Numerical Procedure for Multivariate Calibration Using Heteroscedastic Principal Components Regression. <i>Processes</i> , <b>2021</b> , 9, 1686	2.9	
364	Echo State Network Based Soft Sensor for Monitoring and Fault Detection of Industrial Processes. <i>Computers and Chemical Engineering</i> , <b>2021</b> , 155, 107512	4	5
363	Oxidative Coupling of Methane for Ethylene Production: Reviewing Kinetic Modelling Approaches, Thermodynamics and Catalysts. <i>Processes</i> , <b>2021</b> , 9, 2196	2.9	2
362	Synthesis of Porous Polymeric Supports with PolyHIPE Structures Based on Styrene-Divinylbenzene Copolymers. <i>Macromolecular Symposia</i> , <b>2020</b> , 394, 2000109	0.8	3
361	Analysis and Simulation of Catalytic Steam Prereforming of Hydrocarbons in Adiabatic Tubular Reactors. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 20285-20297	3.9	1
360	Dispersion Polymerization of Methyl Methacrylate in Supercritical CO <sub>2</sub> : A Preliminary Evaluation of In Situ Incorporation of Copaiba Oil. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 9398-9407	3.9	1
359	DPD Simulations of Homopolymer-Copolymer-Homopolymer Mixtures: Effects of Copolymer Structure and Concentration. <i>Macromolecular Theory and Simulations</i> , <b>2020</b> , 29, 2000014	1.5	3
358	Preparation of Polymer Microparticles through Nonaqueous Suspension Polycondensations: Part V- Modeling and Parameter Estimation for Poly(butylene succinate) Polycondensations. <i>Macromolecular Reaction Engineering</i> , <b>2020</b> , 14, 2000007	1.5	1
357	Effect of hydrophobicity degree of polymer particles on lipase immobilization and on biocatalyst performance. <i>Biocatalysis and Biotransformation</i> , <b>2020</b> , 1-11	2.5	3
356	Modeling of spiral wound membranes for gas separations. Part I: An iterative 2D permeation model. <i>Journal of Membrane Science</i> , <b>2020</b> , 612, 118278	9.6	6
355	Biodiesel/Water/Glycerol Emulsion Separation Using Electrocoalescence: Model and Process Emulsions. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 1737-1743	4.1	3
354	Development of hybrid microspheres for assessment of multiphase processes. <i>Applied Radiation and Isotopes</i> , <b>2020</b> , 158, 109035	1.7	2
353	Discrimination of Chain Branching Models in Addition Diene Polymerizations. <i>Macromolecular Theory and Simulations</i> , <b>2020</b> , 29, 1900043	1.5	1
352	Production of New Functionalized Polymer Nanoparticles and Use for Manufacture of Novel Nanobiocatalysts. <i>Macromolecular Materials and Engineering</i> , <b>2020</b> , 305, 2000065	3.9	4
351	Alkaline hydrolysis of P(VAc-co-MMA) particles for vascular embolization procedures. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 49298	2.9	0
350	Production of Crosslinked Starch Microparticles through Inverse Suspension Polymerization using Statistical Experimental Design. <i>Macromolecular Symposia</i> , <b>2020</b> , 394, 2000125	0.8	

349	Use of Bacterial Nanocellulose for Pickering Stabilization of Methyl Methacrylate Suspension Polymerizations. <i>Macromolecular Symposia</i> , <b>2020</b> , 394, 2000160	0.8	
348	Solution Copolymerizations of N-Vinyl-2-Pyrrolidone with Acrylic Acid, Methacrylic Acid and Vinyl Acetate for Applications in Hair Cosmetics. <i>Macromolecular Symposia</i> , <b>2020</b> , 394, 2000144	0.8	
347	Development of Coalescence and Capture Kernels for the Electrocoalescence Process Based on Batch Experiments. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 1277-1297	3.9	1
346	Mesoscopic Simulation of Dispersed Copolymers: Effects of Chain Length, Chemical Composition, and Block Length Distributions on Self-Assembly. <i>Macromolecular Theory and Simulations</i> , <b>2020</b> , 29, 1900042	1.5	5
345	P(MMA-co-AA) Nanoparticles Loaded with Cloiquinol and Functionalized with TAT Peptide. <i>Macromolecular Reaction Engineering</i> , <b>2020</b> , 14, 1900046	1.5	3
344	Quantitative FTA using Monte Carlo analyses in a pharmaceutical plant. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 146, 105265	5.1	2
343	Modeling of Spiral Wound Membranes for Gas SeparationsâPart II: Data Reconciliation for Online Monitoring. <i>Processes</i> , <b>2020</b> , 8, 1035	2.9	3
342	Effects of Different Stabilizers on Miniemulsion Methyl Methacrylate Polymerizations. <i>Macromolecular Symposia</i> , <b>2020</b> , 394, 2000143	0.8	1
341	Modeling of 1,3-Butadiene Solution Polymerizations Catalyzed by Neodymium Versatate. <i>Polymer Engineering and Science</i> , <b>2019</b> , 59, 2290-2300	2.3	2
340	Digital Twin for Monitoring of Industrial Multi-Effect Evaporation. <i>Processes</i> , <b>2019</b> , 7, 537	2.9	7
339	Miniemulsion RAFT Copolymerization of MMA with Acrylic Acid and Methacrylic Acid and Bioconjugation with BSA. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	4
338	A new loss circulation control strategy combining a cross-linkable polymer and magnetic fluid. <i>Journal of Petroleum Science and Engineering</i> , <b>2019</b> , 180, 958-966	4.4	4
337	Extracting Valuable Information from Big Data for Machine Learning Control: An Application for a Gas Lift Process. <i>Processes</i> , <b>2019</b> , 7, 252	2.9	3
336	Copolymerization of Styrene and Cardanol from Cashew Nut Shell Liquid. Part I â Kinetic Modeling of Bulk Copolymerizations. <i>Macromolecular Reaction Engineering</i> , <b>2019</b> , 13, 1800065	1.5	1
335	Statistical Analyses of Inverse Miniemulsion Acrylic Acid Polymerizations for Encapsulation of Hydrophilic Compounds. <i>Macromolecular Symposia</i> , <b>2019</b> , 383, 1800060	0.8	
334	Production of crosslinked gelatin beads in inverse suspension processes. <i>Polymer Engineering and Science</i> , <b>2019</b> , 59, 519-525	2.3	3
333	Synthesis and Evaluation of Multifunctional Anionic Initiators Based on n-BuLi and Meta-Diisopropenyl Benzene. <i>Macromolecular Symposia</i> , <b>2019</b> , 383, 1800059	0.8	
332	Synthesis and Characterization of Binders for Propellants. <i>Macromolecular Symposia</i> , <b>2019</b> , 383, 1800062	0.8	

331	Preparation of Multifunctional Anionic Initiators Through Reactions Between n-Butyl Lithium and Divinylbenzene. <i>Macromolecular Symposia</i> , <b>2019</b> , 383, 1800069	0.8	
330	Mixing Effects in Continuous Free-Radical Solution Copolymerization Tank Reactors: Investigation of Micromixing Effects. <i>Macromolecular Reaction Engineering</i> , <b>2019</b> , 13, 1900018	1.5	1
329	Coating of urea granules by in situ polymerization in fluidized bed reactors. <i>Polimeros</i> , <b>2019</b> , 29,	1.6	1
328	D-optimal experimental designs for precise parameter estimation of adsorption equilibrium models. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2019</b> , 192, 103823	3.8	3
327	Development and Application of a Data-Driven System for Sensor Fault Diagnosis in an Oil Processing Plant. <i>Processes</i> , <b>2019</b> , 7, 436	2.9	4
326	Solvent-free mechanochemical polymerization of urea-succinic acid and urea-succinic acid-glycerol mixtures. <i>Journal of Cleaner Production</i> , <b>2019</b> , 238, 117742	10.3	8
325	Modelling the chemical recycling of crosslinked poly (methyl methacrylate): Kinetics of depolymerisation. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2019</b> , 144, 104706	6	8
324	Production of Polymer Particles Loaded with Corrosion Inhibitor for Applications in Oil Wells. <i>Macromolecular Reaction Engineering</i> , <b>2019</b> , 13, 1900027	1.5	2
323	Influence of Encapsulated Aroma Compounds on the Formation and Morphology of Gelatin Microparticles. <i>Macromolecular Symposia</i> , <b>2019</b> , 383, 1800061	0.8	3
322	Development of Smart Polymer Microparticles through Suspension Polymerization for Treatment of Schistosomiasis. <i>Macromolecular Reaction Engineering</i> , <b>2019</b> , 13, 1900028	1.5	1
321	A Bibliometric Survey of Paraffin/Olefin Separation Using Membranes. <i>Membranes</i> , <b>2019</b> , 9,	3.8	9
320	In Situ Incorporation of Praziquantel in Polymer Microparticles through Suspension Polymerization for Treatment of Schistosomiasis. <i>Macromolecular Reaction Engineering</i> , <b>2019</b> , 13, 1800064	1.5	5
319	Preparation of Polymer Microparticles Through Non-aqueous Suspension Polycondensations: Part II—Degradation of PBS Microparticles in Different Aqueous Environments. <i>Journal of Polymers and the Environment</i> , <b>2019</b> , 27, 176-188	4.5	7
318	Effects of Reaction Operation Policies on Properties of Core-shell Polymer Supports Used for Preparation of Highly Active Biocatalysts. <i>Macromolecular Reaction Engineering</i> , <b>2019</b> , 13, 1800055	1.5	5
317	Hybrid Modeling of the Electrocoalescence Process in Water-in-Oil Emulsions. <i>Energy &amp; Fuels</i> , <b>2018</b> , 32, 5596-5610	4.1	2
316	New Decision Making Criterion for Multiobjective Optimization Problems. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 1014-1025	3.9	7
315	Synthesis and characterization of copolymers of urea-succinic acid-ethylene glycol and copolymers of urea-succinic acid-glycerol. <i>Polymer Engineering and Science</i> , <b>2018</b> , 58, 1575-1582	2.3	1
314	Chemical recycling of crosslinked poly(methyl methacrylate) and characterization of polymers produced with the recycled monomer. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2018</b> , 132, 47-55	6	16

313	Modeling and parameter estimation of step-growth polymerization of poly(ethylene-2,5-furandicarboxylate). <i>Polymer Engineering and Science</i> , <b>2018</b> , 58, 729-741	2.3	10
312	Design of Nonlinear Model-Based Control Using Bifurcation Analysis for Solution Polymerizations Carried Out in Lumped-Distributed Reactors. <i>Macromolecular Reaction Engineering</i> , <b>2018</b> , 12, 1700028	1.5	3
311	A family of kinetic distributions for interpretation of experimental fluctuations in kinetic problems. <i>Chemical Engineering Journal</i> , <b>2018</b> , 332, 303-311	14.7	3
310	Mixing Effects in Continuous Free-Radical Solution Copolymerization Tank Reactors: Characterization of Residence Time Distributions. <i>Macromolecular Reaction Engineering</i> , <b>2018</b> , 12, 1800037	1.5	2
309	Adsorption equilibrium models: Computation of confidence regions of parameter estimates. <i>Chemical Engineering Research and Design</i> , <b>2018</b> , 138, 144-157	5.5	12
308	Synthesis and Characterization of PEG-PBS Copolymers to Obtain Microspheres With Different Naproxen Release Profiles. <i>Macromolecular Symposia</i> , <b>2018</b> , 380, 1800065	0.8	9
307	Pilot-scale development of core-shell polymer supports for the immobilization of recombinant lipase B from <i>Candida antarctica</i> and their application in the production of ethyl esters from residual fatty acids. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46727	2.9	22
306	Influence of wax chemical structure on W/O emulsion rheology and stability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 558, 45-56	5.1	14
305	Emulsion phase inversion of model and crude oil systems detected by near-infrared spectroscopy and principal component analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 538, 565-573	5.1	12
304	Production of doxycycline-loaded gelatin microspheres through thermal treatment in inverse suspensions. <i>Polymer Engineering and Science</i> , <b>2018</b> , 58, 802-809	2.3	2
303	Preparation of gelatin beads treated with glucose and glycerol. <i>Polimeros</i> , <b>2018</b> , 28, 468-476	1.6	4
302	Nanostructured Pd-Cu Catalysts Supported on Zr-Al and Zr-Ti for Synthesis of Vinyl Acetate. <i>ChemCatChem</i> , <b>2018</b> , 10, 5256-5269	5.2	3
301	Preparation of Polymer Microparticles through Nonaqueous Suspension Polycondensations. Part II: Effects of Operating Variables on Properties of Poly(butylene succinate). <i>Macromolecular Reaction Engineering</i> , <b>2018</b> , 12, 1800039	1.5	5
300	A Novel Approach for the Preparation of Poly(Butylene Succinate) Microparticles. <i>Macromolecular Symposia</i> , <b>2018</b> , 381, 1800118	0.8	5
299	Comparative Analyses of Poly(ethylene 2,5-furandicarboxylate) (PEF) and Poly(ethylene terephthalate) (PET) Resins and Production Processes. <i>Macromolecular Symposia</i> , <b>2018</b> , 381, 1800129	0.8	9
298	Synthesis and chemical modification of poly(butylene succinate) with rutin useful to the release of silybin. <i>Industrial Crops and Products</i> , <b>2017</b> , 97, 599-611	5.9	20
297	Improvement of Karush-Kuhn-Tucker conditions under uncertainties using robust decision making indexes. <i>Applied Mathematical Modelling</i> , <b>2017</b> , 43, 630-646	4.5	3
296	Simulation and Control of Steam Reforming of Natural Gas: Reactor Temperature Control Using Residual Gas. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 2690-2710	3.9	6

295	On-line identification of fermentation processes for ethanol production. <i>Bioprocess and Biosystems Engineering</i> , <b>2017</b> , 40, 989-1006	3.7	3
294	Evaluation of Microwave and Conventional Heating for Electrostatic Treatment of a Water-in-Oil Model Emulsion in a Pilot Plant. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 6587-6597	4.1	7
293	Parameter Estimation and Statistical Methods <b>2017</b> ,		3
292	Encapsulation of (Piperaceae) nonpolar extract in poly(methyl methacrylate) by miniemulsion and evaluation of increase in the effectiveness of antileukemic activity in K562 cells. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 8363-8373	7.3	17
291	Copolymerization of Ethylene with 1,9-Decadiene: Part IIâ€”Prediction of Molecular Weight Distributions. <i>Macromolecular Theory and Simulations</i> , <b>2017</b> , 26, 1700040	1.5	5
290	Real time monitoring of the quiescent suspension copolymerization of vinyl chloride with methyl methacrylate in microreactors â€”Part 3. A kinetic study by raman spectroscopy and evolution of droplet size. <i>Chemical Engineering Science</i> , <b>2017</b> , 173, 493-506	4.4	1
289	Statistical Aspects of Near-Infrared Spectroscopy for the Characterization of Errors and Model Building. <i>Applied Spectroscopy</i> , <b>2017</b> , 71, 1665-1676	3.1	2
288	Modelling the effects of reaction temperature and flow rate on the conversion of ethanol to 1,3-butadiene. <i>Applied Catalysis A: General</i> , <b>2017</b> , 530, 37-47	5.1	22
287	Micromixing effects on the dynamic behavior of continuous free-radical solution polymerization tank reactors. <i>Applied Mathematical Modelling</i> , <b>2017</b> , 42, 346-362	4.5	4
286	Microkinetic analysis of ethanol to 1,3-butadiene reactions over MgO-SiO <sub>2</sub> catalysts based on characterization of experimental fluctuations. <i>Chemical Engineering Journal</i> , <b>2017</b> , 308, 988-1000	14.7	25
285	Copolymerization of Ethylene with 1,9-Decadiene: Part I â€”Prediction of Average Molecular Weights and Long-Chain Branching Frequencies. <i>Macromolecular Theory and Simulations</i> , <b>2017</b> , 26, 1600059	1.5	7
284	Numerical Aspects of Data Reconciliation in Industrial Applications. <i>Processes</i> , <b>2017</b> , 5, 56	2.9	18
283	On-Line Dynamic Data Reconciliation in Batch Suspension Polymerizations of Methyl Methacrylate. <i>Processes</i> , <b>2017</b> , 5, 51	2.9	6
282	Measurement and modelling of urea solubility in aqueous propane-1,2,3-triol and prop-2-enoic acid solutions. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 103, 142-151	2.9	2
281	Quantification of Oxaliplatin Encapsulated into PLGA Microspheres by TGA. <i>Macromolecular Symposia</i> , <b>2016</b> , 368, 116-121	0.8	9
280	Influence of Medium Composition on Acrylic Acid Solution Polymerization and Process Scale-Up. <i>Macromolecular Symposia</i> , <b>2016</b> , 368, 49-59	0.8	2
279	Influence of Sonication on Morphological Properties of Poly(Vinyl Acetate) Particles Produced Through Suspension Polymerization. <i>Macromolecular Symposia</i> , <b>2016</b> , 368, 78-83	0.8	2
278	Comparison of Different Dynamic Monte Carlo Methods for the Simulation of Olefin Polymerization. <i>Macromolecular Symposia</i> , <b>2016</b> , 360, 160-178	0.8	9

277	An optimal control-based safety system for cost efficient risk management of chemical processes. <i>Computers and Chemical Engineering</i> , <b>2016</b> , 91, 471-484	4	4
276	Design of a core-shell support to improve lipase features by immobilization. <i>RSC Advances</i> , <b>2016</b> , 6, 62814-62834	3.7	25
275	Evaluation of the performance of differently immobilized recombinant lipase B from <i>Candida antarctica</i> preparations for the synthesis of pharmacological derivatives in organic media. <i>RSC Advances</i> , <b>2016</b> , 6, 4043-4052	3.7	25
274	Molecular Dynamic Simulation of Oxaliplatin Diffusion in Poly(lactic acid-co-glycolic acid). Part A: Parameterization and Validation of the Force-Field CVFF. <i>Macromolecular Theory and Simulations</i> , <b>2016</b> , 25, 45-62	1.5	22
273	Real time monitoring of the quiescent suspension polymerization of vinyl chloride in microreactors - Part 2. A kinetic study by Raman spectroscopy and evolution of droplet size. <i>Chemical Engineering Science</i> , <b>2016</b> , 145, 279-293	4.4	8
272	Micromixing effects on the dynamic behavior of continuous stirred tank reactors. <i>Applied Mathematical Modelling</i> , <b>2016</b> , 40, 4778-4794	4.5	5
271	Preclinical pharmacokinetic evaluation of praziquantel loaded in poly (methyl methacrylate) nanoparticle using a HPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 117, 405-12	3.5	14
270	CFD Analysis of Gas-Particle Heat Transfer in Gas-Phase Olefin Polymerizations. <i>Macromolecular Reaction Engineering</i> , <b>2016</b> , 10, 280-302	1.5	
269	PLA-b-PEG/magnetite hyperthermic agent prepared by Ugi four component condensation. <i>EXPRESS Polymer Letters</i> , <b>2016</b> , 10, 188-203	3.4	19
268	Adsorption of BSA (Bovine Serum Albuminum) and lysozyme on poly(vinyl acetate) particles. <i>Polimeros</i> , <b>2016</b> , 26, 282-290	1.6	1
267	Performance Evaluation of Real Industrial RTO Systems. <i>Processes</i> , <b>2016</b> , 4, 44	2.9	28
266	Influence of PLGA and PLGA-PEG on the dissolution profile of oxaliplatin. <i>Polimeros</i> , <b>2016</b> , 26, 137-143	1.6	22
265	Ethanol to 1,3-Butadiene Conversion by using ZrZn-Containing MgO/SiO <sub>2</sub> Systems Prepared by Co-precipitation and Effect of Catalyst Acidity Modification. <i>ChemCatChem</i> , <b>2016</b> , 8, 2376-2386	5.2	47
264	On-line monitoring of chord distributions in liquid-liquid dispersions and suspension polymerizations by using the focused beam reflectance measurement technique. <i>Polymer Engineering and Science</i> , <b>2016</b> , 56, 309-318	2.3	4
263	CFD Analysis of Gas-Particle Heat Transfer in Gas-Phase Olefin Polymerizations. <i>Macromolecular Reaction Engineering</i> , <b>2016</b> , 10, 280-302	1.5	2
262	Alarm management practices in natural gas processing plants. <i>Control Engineering Practice</i> , <b>2016</b> , 55, 185-196	3.9	15
261	Comparative Analysis of Sunscreen Nanoencapsulation Processes. <i>Macromolecular Symposia</i> , <b>2016</b> , 368, 60-69	0.8	3
260	Production and Functionalization of P(MMA-co-AA) Nanoparticles by Miniemulsion Polymerization. <i>Macromolecular Symposia</i> , <b>2016</b> , 368, 70-77	0.8	6



259	Real time monitoring of the quiescent suspension polymerization of methyl methacrylate in microreactorsâPart 1. A kinetic study by Raman spectroscopy and evolution of droplet size. <i>Chemical Engineering Science</i> , <b>2015</b> , 131, 340-352	4.4	13
258	When Polymer Reaction Engineers Play Dice: Applications of Monte Carlo Models in PRE. <i>Macromolecular Reaction Engineering</i> , <b>2015</b> , 9, 141-185	1.5	73
257	Synthesis of poly(butylene succinate) using metal catalysts. <i>Polymer Engineering and Science</i> , <b>2015</b> , 55, 1889-1896	2.3	23
256	Modeling of Polyamide 66 Solid State Polymerization: Drawing a Chemical Reaction Scheme. <i>Macromolecular Reaction Engineering</i> , <b>2015</b> , 9, 65-89	1.5	3
255	Mathematical Tools and Approaches for Polymerization Reaction Engineering IIâStatistical Modeling Tools and Approaches. <i>Macromolecular Reaction Engineering</i> , <b>2015</b> , 9, 138-140	1.5	
254	Free-radical polymerization of urea, acrylic acid, and glycerol in aqueous solutions. <i>Polymer Engineering and Science</i> , <b>2015</b> , 55, 1219-1229	2.3	16
253	Stochastic Modeling of Polymer Microstructure From Residence Time Distribution. <i>Macromolecular Reaction Engineering</i> , <b>2015</b> , 9, 259-270	1.5	33
252	Kinetic Parameters of the Initiator Decomposition in Microwave and in Conventional Batch Reactors âKPS and V50-Case Studies. <i>Macromolecular Reaction Engineering</i> , <b>2015</b> , 9, 366-373	1.5	6
251	Use of variance spectra for in-line validation of process measurements in continuous processes. <i>Canadian Journal of Chemical Engineering</i> , <b>2015</b> , 93, 1426-1437	2.3	7
250	Synthesis of spherical core-shell poly(vinyl acetate)/poly(vinyl alcohol) particles for use in vascular embolization: Study of morphological and molecular modifications during shell formation. <i>Polymer Engineering and Science</i> , <b>2015</b> , 55, 2237-2244	2.3	6
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