

Alejandro Juan Alvarez

List of Publications by Year in descending order

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12
papers

891
citations

840776

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1199594

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all docs

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docs citations

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times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Process intensification 4.0: A new approach for attaining new, sustainable and circular processes enabled by machine learning. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 180, 108671.	3.6	17
2	Process Intensification of Continuous Antisolvent Crystallization Using a Coiled Flow Inverter. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 3934-3942.	3.7	21
3	pH-Sensitive Starch-Based Hydrogels: Synthesis and Effect of Molecular Components on Drug Release Behavior. <i>Polymers</i> , 2020, 12, 1974.	4.5	33
4	Alginate/Gelatin Hydrogels Reinforced with TiO ₂ and β -TCP Fabricated by Microextrusion-based Printing for Tissue Regeneration. <i>Polymers</i> , 2019, 11, 457.	4.5	40
5	A novel method for bioethanol production using immobilized yeast cells in calcium-alginate films and hybrid composite pervaporation membrane. <i>Bioresource Technology</i> , 2018, 247, 165-173.	9.6	44
6	Comparative life cycle assessment of the use of an ionic liquid ([Bmim]Br) versus a volatile organic solvent in the production of acetylsalicylic acid. <i>Journal of Cleaner Production</i> , 2017, 168, 1614-1624.	9.3	55
7	Optical Approach for Measuring Oxygen Mass Transfer in Stirred Tank Bioreactors. <i>International Journal of Chemical Reactor Engineering</i> , 2017, 15, .	1.1	3
8	Continuous Crystallization of Aliskiren Hemifumarate. <i>Crystal Growth and Design</i> , 2012, 12, 3036-3044.	3.0	122
9	Development of Continuous Anti-Solvent/Cooling Crystallization Process using Cascaded Mixed Suspension, Mixed Product Removal Crystallizers. <i>Organic Process Research and Development</i> , 2012, 16, 915-924.	2.7	111
10	Crystallization of Cyclosporine in a Multistage Continuous MSMR Crystallizer. <i>Crystal Growth and Design</i> , 2011, 11, 4392-4400.	3.0	131
11	Continuous Plug Flow Crystallization of Pharmaceutical Compounds. <i>Crystal Growth and Design</i> , 2010, 10, 2219-2228.	3.0	265
12	Polymorph Screening: Comparing a Semi-Automated Approach with a High Throughput Method. <i>Crystal Growth and Design</i> , 2009, 9, 4181-4188.	3.0	49