Rodrigo O M A De Souza

List of Publications by Year
in descending order

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30 papers	1,171 citations	471371 17 h-index	501076 28 g-index
35 all docs	35 docs citations	35 times ranked	1632 citing authors

#	Article	IF	Citations
1	Continuous flow synthesis of the lamivudine precursor L-Menthyl Glyoxylate. Journal of Flow Chemistry, 2022, 12, 59-69.	1.2	1
2	Process Intensification for Obtaining a Cannabidiol Intermediate by Photo-oxygenation of Limonene under Continuous-Flow Conditions. Organic Process Research and Development, 2020, 24, 2017-2024.	1.3	12
3	Continuous-Flow Sequential Schottenâ€“Baumann Carbamoylation and Acetate Hydrolysis in the Synthesis of Capecitabine. Organic Process Research and Development, 2019, 23, 2516-2520.	1.3	12
4	Regioselective Acylation of Levoglucosan Catalyzed by Candida Antarctica (CaLB) Lipase Immobilized on Epoxy Resin. Sustainability, 2019, 11, 6044.	1.6	8
5	Continuousâ€Flow Synthesis of (R)â€Propylene Carbonate: An Important Intermediate in the Synthesis of Tenofovir. European Journal of Organic Chemistry, 2018, 2018, 2931-2938.	1.2	17
6	Studies on the dynamic resolution of Crizotinib intermediate. Bioorganic and Medicinal Chemistry, 2018, 26, 1333-1337.	1.4	10
7	Continuous flow dynamic kinetic resolution of rac-1-phenylethanol using a single packed-bed containing immobilized CAL-B lipase and VOSO₄as racemization catalysts. Reaction Chemistry and Engineering, 2017, 2, 375-381.	1.9	22
8	A Retrosynthesis Approach for Biocatalysis in Organic Synthesis. Chemistry - A European Journal, 2017, 23, 12040-12063.	1.7	171
9	Catalyst free decarboxylative trichloromethylation of aldimines. RSC Advances, 2016, 6, 108530-108537.	1.7	13
10	Cellulose as an efficient matrix for lipase and transaminase immobilization. RSC Advances, 2016, 6, 6665-6671.	1.7	35
11	The Biginelli reaction under batch and continuous flow conditions: catalysis, mechanism and antitumoral activity. RSC Advances, 2015, 5, 48506-48515.	1.7	51
12	Lipases: Valuable catalysts for dynamic kinetic resolutions. Biotechnology Advances, 2015, 33, 372-393.	6.0	176
13	Exploiting novel process windows for the synthesis of meso-substituted porphyrins under continuous flow conditions. RSC Advances, 2015, 5, 84350-84355.	1.7	20
14	An efficient green protocol for the preparation of acetoacetamides and application of the methodology to a one-pot synthesis of Biginelli dihydropyrimidines. Expansion of dihydropyrimidine topological chemical space. RSC Advances, 2015, 5, 70915-70928.	1.7	13
15	Lipase immobilization towards improved productivity on kinetic resolutions by a continuous-flow process. RSC Advances, 2015, 5, 102409-102415.	1.7	17
16	Bio(chemo)technological strategies for biomass conversion into bioethanol and key carboxylic acids. Green Chemistry, 2014, 16, 2386.	4.6	62
17	Continuous Flow Synthesis of Î±-Halo Ketones: Essential Building Blocks of Antiretroviral Agents. Journal of Organic Chemistry, 2014, 79, 1555-1562.	1.7	92
18	Ammonium formate as a green hydrogen source for clean semi-continuous enzymatic dynamic kinetic resolution of (+/âˆ')-Î±-methylbenzylamine. RSC Advances, 2014, 4, 13620-13625.	1.7	18

#	Article	IF	Citations
19	The Multicomponent Hantzsch Reaction: Comprehensive Mass Spectrometry Monitoring Using Chargeâ€Tagged Reagents. Chemistry - A European Journal, 2014, 20, 12808-12816.	1.7	45
20	A three step continuous flow synthesis of the biaryl unit of the HIV protease inhibitorAtazanavir. Organic and Biomolecular Chemistry, 2013, 11, 6806-6813.	1.5	56
21	Continuous flow valorization of fatty acid waste using silica-immobilized lipases. Green Chemistry, 2013, 15, 518.	4.6	32
22	Lipase-catalyzed synthesis of secondary glucose esters under continuous flow conditions. European Journal of Lipid Science and Technology, 2013, 115, 464-467.	1.0	15
23	Ethyl acetate as an acyl donor in the continuous flow kinetic resolution of (Â±)-1-phenylethylamine catalyzed by lipases. Organic and Biomolecular Chemistry, 2013, 11, 3332.	1.5	23
24	Biocatalyzed Acetins Production under Continuous-Flow Conditions: Valorization of Glycerol Derived from Biodiesel Industry. Journal of Flow Chemistry, 2013, 3, 41-45.	1.2	13
25	Three-Step Chemo Enzymatic Continuous-Flow Cascade Synthesis of 1-Monoacylglycerol. Journal of Flow Chemistry, 2013, 3, 122-126.	1.2	10
26	Lipase-Catalyzed Monostearin Synthesis under Continuous Flow Conditions. Organic Process Research and Development, 2012, 16, 1098-1101.	1.3	41
27	Palm oil hydrolysis catalyzed by lipases under ultrasound irradiation â€“ The use of experimental design as a tool for variables evaluation. Ultrasonics Sonochemistry, 2012, 19, 232-236.	3.8	28
28	Lipase-catalyzed diacylglycerol production under sonochemical irradiation. Ultrasonics Sonochemistry, 2010, 17, 4-6.	3.8	55
29	The Threeâ€Component Biginelli Reaction: A Combined Experimental and Theoretical Mechanistic Investigation. Chemistry - A European Journal, 2009, 15, 9799-9804.	1.7	103
30	Three Step Chemo Enzymatic Continuous Flow Cascade Synthesis of 1-Monoacylglycerol.. , 0, , .		0