

Bruno Cerra

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8348264/bruno-cerra-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

332
citations

11
h-index

17
g-index

27
ext. papers

424
ext. citations

4.2
avg, IF

3.61
L-index

#	Paper	IF	Citations
25	The Stone Guest: How Does pH Affect Binding Properties of PD-1/PD-L1 Inhibitors?. <i>ChemMedChem</i> , 2021 , 16, 568-577	3.7	3
24	Future medicinal chemists experience flow chemistry: optimization by experimental design of the limiting synthetic step to the antifungal drug econazole nitrate. <i>Journal of Flow Chemistry</i> , 2021 , 11, 67-73	3.3	1
23	Integrating experimental and computational techniques to study chromatographic enantioresolutions of chiral tetrahydroindazole derivatives. <i>Journal of Chromatography A</i> , 2020 , 1625, 461310	4.5	0
22	Garcinoic Acid Is a Natural and Selective Agonist of Pregnane X Receptor. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 3701-3712	8.3	18
21	The Medicinal Chemistry in the Era of Machines and Automation: Recent Advances in Continuous Flow Technology. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 6624-6647	8.3	33
20	Enantioselective HPLC Analysis to Assist the Chemical Exploration of Chiral Imidazolines. <i>Molecules</i> , 2020 , 25,	4.8	7
19	A streamlined synthesis of the neurosteroid 3 β -methoxypregnenolone assisted by a statistical experimental design and automation. <i>Reaction Chemistry and Engineering</i> , 2020 , 5, 300-307	4.9	2
18	Optimisation by Design of Experiment of Benzimidazol-2-One Synthesis under Flow Conditions. <i>Molecules</i> , 2019 , 24,	4.8	5
17	Flow nanoprecipitation of size-controlled D-leucine nanoparticles for spray-drying formulations. <i>Reaction Chemistry and Engineering</i> , 2019 , 4, 1861-1868	4.9	1
16	Exploiting Chemical Toolboxes for the Expedited Generation of Tetracyclic Quinolines as a Novel Class of PXR Agonists. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 677-681	4.3	19
15	Identification and quantification of oxo-bile acids in human faeces with liquid chromatography-mass spectrometry: A potent tool for human gut acidic sterolbiome studies. <i>Journal of Chromatography A</i> , 2019 , 1585, 70-81	4.5	17
14	Continuous Flow Synthesis of 16-Dehydropregnenolone Acetate, a Key Synthone for Natural Steroids and Drugs. <i>Organic Process Research and Development</i> , 2018 , 22, 600-607	3.9	6
13	Binding Mode and Structure-Activity Relationships of ITE as an Aryl Hydrocarbon Receptor (AhR) Agonist. <i>ChemMedChem</i> , 2018 , 13, 270-279	3.7	11
12	Synthesis, physicochemical properties, and biological activity of bile acids 3-glucuronides: Novel insights into bile acid signalling and detoxification. <i>European Journal of Medicinal Chemistry</i> , 2018 , 144, 349-358	6.8	11
11	BF ₃ ·Et ₂ O-Promoted Decomposition of Cyclic β -Diazo- β -Hydroxy Ketones: Novel Insights into Mechanistic Aspects. <i>Catalysts</i> , 2018 , 8, 600	4	2
10	Steroids interfere with human carbonic anhydrase activity by using alternative binding mechanisms. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018 , 33, 1453-1459	5.6	56
9	The Systems Biology of Transporters – Targeting the Regulatory System for Transporters (FXR/RXR). <i>Methods and Principles in Medicinal Chemistry</i> , 2017 , 199-230	0.4	

8	Selected cholesterol biosynthesis inhibitors produce accumulation of the intermediate FF-MAS that targets nucleus and activates LXR α in HepG2 cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017 , 1862, 842-852	5	7
7	Selective continuous flow synthesis of hydroxy lactones from alkenoic acids. <i>Reaction Chemistry and Engineering</i> , 2017 , 2, 467-471	4.9	16
6	Concepts and optimization strategies of experimental design in continuous-flow processing. <i>Journal of Flow Chemistry</i> , 2016 , 6, 167-180	3.3	21
5	Integrating multicomponent flow synthesis and computational approaches for the generation of a tetrahydroquinoline compound based library. <i>MedChemComm</i> , 2016 , 7, 439-446	5	18
4	First Total Synthesis of Piperenol B and Configuration Revision of the Enantiomers Piperenol B and Uvarirufol A. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1464-1471	3.2	5
3	Synthesis of atypical bile acids for use as investigative tools for the genetic defect of 3 β -hydroxy-(Δ^5)-C27-steroid oxidoreductase deficiency. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 144 Pt B, 348-60	5.1	9
2	Beyond bile acids: targeting Farnesoid X Receptor (FXR) with natural and synthetic ligands. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 2129-42	3	35
1	Bile acid derivatives as ligands of the farnesoid x receptor: molecular determinants for bile acid binding and receptor modulation. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 2159-74	3	29