

# Caio C Oliveira

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3485960/publications.pdf>

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15  
papers

1,306  
citations

1040056

9  
h-index

996975

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1065  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Enantioselective Transformations Involving C-H Bond Cleavage by Transition-Metal Complexes. <i>Chemical Reviews</i> , 2017, 117, 8908-8976.	47.7	827
2	Intermolecular Enantioselective Heck-Matsuda Arylations of Acyclic Olefins: Application to the Synthesis of $\beta$ -Aryl- $\gamma$ -lactones and $\beta$ -Aryl Aldehydes. <i>Journal of Organic Chemistry</i> , 2013, 78, 4373-4385.	3.2	91
3	Quaternary Stereogenic Centers through Enantioselective Heck Arylation of Acyclic Olefins with Aryldiazonium Salts: Application in a Concise Synthesis of ( <i>S</i> )-Verapamil. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14036-14039.	13.8	79
4	The first examples of the enantioselective Heck-Matsuda reaction: arylation of unactivated cyclic olefins using chiral bisoxazolines. <i>Tetrahedron Letters</i> , 2012, 53, 3325-3328.	1.4	74
5	Stereoselective Synthesis of Aryl Cyclopentene Scaffolds by Heck-Matsuda Desymmetrization of 3-Cyclopentenol. <i>Chemistry - A European Journal</i> , 2014, 20, 13117-13121.	3.3	55
6	Chiral 1,3,2-Diazaphospholenes as Catalytic Molecular Hydrides for Enantioselective Conjugate Reductions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4039-4042.	13.8	55
7	Stereoselective Arylation of Substituted Cyclopentenes by Substrate-Directable Heck-Matsuda Reactions: A Concise Total Synthesis of the Sphingosine 1-Phosphate Receptor (S1P1) Agonist VPC01091. <i>Journal of Organic Chemistry</i> , 2012, 77, 8182-8190.	3.2	36
8	Chemo-, Regio- and Stereoselective Heck Arylation of Allylated Malonates: Mechanistic Insights by ESI-MS and Synthetic Application toward 5-Arylmethyl- $\gamma$ -lactones. <i>Organic Letters</i> , 2014, 16, 5180-5183.	4.6	18
9	Improving the Stability and Efficiency of Perovskite Solar Cells by a Bidentate Anilinium Salt. <i>Jacs Au</i> , 2022, 2, 1306-1312.	7.9	11
10	Enantioselective Heck-Matsuda Reactions: From Curiosity to a Game-Changing Methodology. <i>Chemical Record</i> , 2021, 21, 2688-2701.	5.8	10
11	Aplicações sintéticas do ácido mucobromídico e da 3,4-dibromofuran-2(5H)-ona. <i>Quimica Nova</i> , 2011, 34, 1425-1438.	0.3	6
12	Heck arylation of acyclic olefins employing arenediazonium salts and chiral N,N ligands: new mechanistic insights from quantum-chemical calculations. <i>Theoretical Chemistry Accounts</i> , 2020, 139, 1.	1.4	6
13	The palladium-catalyzed Heck arylation of olefins with arenediazonium salts as a sustainable strategy in organic synthesis. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 26, 100360.	5.9	6
14	A evolução da química orgânica sintética: Quo vadis?. <i>Ciência E Cultura</i> , 2011, 63, 33-36.	0.0	2
15	Studies on the Regio- and Enantioselective Heck Arylations of Acyclic Allylic Alcohols.. , 0, , .		0