

Philippe Hermange

List of Publications by Year in descending order

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21
papers

877
citations

933447

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h-index

713466

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28
all docs

28
docs citations

28
times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Ex Situ</i> Generation of Stoichiometric and Substoichiometric ¹² CO and ¹³ CO and Its Efficient Incorporation in Palladium Catalyzed Aminocarbonylations. <i>Journal of the American Chemical Society</i> , 2011, 133, 6061-6071.	13.7	389
2	Precise localization of metal nanoparticles in dendrimer nanosnakes or inner periphery and consequences in catalysis. <i>Nature Communications</i> , 2016, 7, 13152.	12.8	99
3	Carbonylative Heck Reactions Using CO Generated <i>ex Situ</i> in a Two-Chamber System. <i>Organic Letters</i> , 2011, 13, 2444-2447.	4.6	98
4	Gold-catalysed cross-coupling between aryldiazonium salts and arylboronic acids: probing the usefulness of photoredox conditions. <i>Chemical Communications</i> , 2016, 52, 10040-10043.	4.1	66
5	Mechanistic and asymmetric investigations of the Au-catalysed cross-coupling between aryldiazonium salts and arylboronic acids using (P,N) gold complexes. <i>Chemical Communications</i> , 2018, 54, 12867-12870.	4.1	34
6	Highly Diastereoselective Three-Component Vinylogous Mannich Reaction between Isoquinolines, Acyl/Sulfonyl Chlorides, and Silyloxyfurans. <i>Organic Letters</i> , 2009, 11, 4044-4047.	4.6	30
7	Pd/C as an Efficient and Reusable Catalyst for the Selective N-Alkylation of Amines with Alcohols. <i>ChemCatChem</i> , 2016, 8, 1043-1045.	3.7	30
8	General Last-Step Labeling of Biomolecule-Based Substrates by [¹² C], [¹³ C], and [¹¹ C] Carbon Monoxide. <i>Organic Letters</i> , 2015, 17, 354-357.	4.6	29
9	Brønsted Acid-Catalyzed Carbocyclization of α -Alkynyl Biaryls. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2025-2030.	4.3	20
10	Diastereoselective Three-Component Vinylogous Mannich Reaction of Nitrogen Heterocycles, Acyl/Sulfonyl Chlorides, and Silyloxyfurans/pyrroles. <i>Journal of Organic Chemistry</i> , 2014, 79, 5673-5683.	3.2	15
11	Brønsted Acid-Catalyzed Enantioselective Cycloisomerization of Arylalkynes. <i>Chemistry - A European Journal</i> , 2020, 26, 16266-16271.	3.3	13
12	Practical one-pot sequence for the asymmetric synthesis of 1,2 diols from primary alcohols. <i>Tetrahedron Letters</i> , 2013, 54, 1052-1055.	1.4	11
13	Syntheses of o-iodobenzyl alcohols-BODIPY structures as potential precursors of bimodal tags for positron emission tomography and optical imaging. <i>Tetrahedron</i> , 2019, 75, 130765.	1.9	9
14	Bioconjugated arylpalladium complexes on solid supports for a convenient last-step synthesis of ¹¹ C-labelled tracers for positron emission tomography. <i>Chemical Communications</i> , 2019, 55, 7587-7590.	4.1	9
15	Last-Step Pd-Mediated [¹¹ C]CO Labeling of a Moxestrol-Conjugated o-Iodobenzyl Alcohol: From Model Experiments to in Vivo Positron Emission Tomography Studies. <i>Bioconjugate Chemistry</i> , 2017, 28, 2887-2894.	3.6	8
16	Highly hindered 2-(aryl-di-tert-butylsilyl)-N-methyl-imidazoles: a new tool for the aqueous ¹⁹ F- and ¹⁸ F-fluorination of biomolecule-based structures. <i>Chemical Communications</i> , 2018, 54, 5098-5101.	4.1	7
17	Expedient synthesis of a symmetric cycloheptyne-Co ₂ (CO) ₆ complex for orthogonal Huisgen cycloadditions. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1114-1117.	4.5	4
18	Practical synthesis of ¹³ C-labeled conjugates by [¹³ C]CO-carbonylation of supported arylbipyridylpalladium complexes and alkyne-azide cycloadditions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5779.	3.5	2

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19	Synthesis and [¹⁴ C]CO-labelling of (C,N) gem-dimethylbenzylamineâ€‘palladium complexes for potential applications in positron emission tomography. Dalton Transactions, 2021, 50, 10608-10614.	3.3	2
20	Synthesis of chiral 1,2,3-triols via organocatalyzed α -hydroxylation of protected α -hydroxyaldehydes. Tetrahedron Letters, 2012, 53, 1085-1088.	1.4	1
21	Bipyridylâ€‘ and pyridylquinolylâ€‘phenothiazine structures as potential photoactive ligands: Syntheses and complexation to palladium. Tetrahedron Letters, 2017, 58, 3096-3100.	1.4	1