

Francisco Julia-Hernandez

List of Publications by Year in descending order

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papers

2,843
citations

331670

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32
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times ranked

2383
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition-Metal-Catalyzed Carboxylation Reactions with Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15948-15982.	13.8	488
2	Walking Metals for Remote Functionalization. <i>ACS Central Science</i> , 2018, 4, 153-165.	11.3	398
3	Remote carboxylation of halogenated aliphatic hydrocarbons with carbon dioxide. <i>Nature</i> , 2017, 545, 84-88.	27.8	393
4	Site-Selective Catalytic Carboxylation of Unsaturated Hydrocarbons with CO ₂ and Water. <i>Journal of the American Chemical Society</i> , 2017, 139, 12161-12164.	13.7	257
5	Room-Temperature Direct \hat{I}^2 -Arylation of Thiophenes and Benzo[<i>b</i>]thiophenes and Kinetic Evidence for a Heck-type Pathway. <i>Journal of the American Chemical Society</i> , 2016, 138, 1677-1683.	13.7	125
6	Ru-Catalyzed C-H Arylation of Fluoroarenes with Aryl Halides. <i>Journal of the American Chemical Society</i> , 2016, 138, 3596-3606.	13.7	120
7	Pd-Catalyzed C(sp ³)-H Functionalization/Carbenoid Insertion: All-Carbon Quaternary Centers via Multiple C-C Bond Formation. <i>Journal of the American Chemical Society</i> , 2016, 138, 6384-6387.	13.7	117
8	Synthesis of a Palladium(IV) Complex by Oxidative Addition of an Aryl Halide to Palladium(II) and Its Use as Precatalyst in a C-C Coupling Reaction. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6896-6899.	13.8	107
9	Åbergangsmetallkatalysierte Carboxylierungen mit Kohlendioxid. <i>Angewandte Chemie</i> , 2018, 130, 16178-16214.	2.0	105
10	Nickel-Catalyzed Chemo-, Regio- and Diastereoselective Bond Formation through Proximal C-C Cleavage of Benzocyclobutenones. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9537-9541.	13.8	84
11	Metalation Dictates Remote Regioselectivity: Ruthenium-Catalyzed Functionalization of <i>meta</i> -C _{Ar} -H Bonds. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11458-11460.	13.8	83
12	Visible-Light-Promoted Atom Transfer Radical Cyclization of Unactivated Alkyl Iodides. <i>ACS Catalysis</i> , 2017, 7, 409-412.	11.2	80
13	Site-Selective, Remote sp ³ -C-H Carboxylation Enabled by the Merger of Photoredox and Nickel Catalysis. <i>Chemistry - A European Journal</i> , 2019, 25, 9001-9005.	3.3	78
14	Ni- and Fe-catalyzed Carboxylation of Unsaturated Hydrocarbons with CO ₂ . <i>Topics in Current Chemistry</i> , 2016, 374, 45.	5.8	69
15	Quantitative synthesis and full characterization of the first isolated and stable pincer palladium(IV) complexes. Quantitative and regioselective synthesis of the C-X (X = Cl, Br) reductive elimination products. <i>Chemical Communications</i> , 2010, 46, 7253.	4.1	45
16	Providing Support in Favor of the Existence of a Pd ^{II} /Pd ^{IV} Catalytic Cycle in a Heck-type Reaction. <i>Chemistry - A European Journal</i> , 2012, 18, 7780-7786.	3.3	44
17	Synthesis of Bis(2,6-dinitroaryl)palladium(II) and Mono(2,6-dinitroaryl)platinum(II) Complexes. A New Example of the Transphobia Effect and of Transmetalation from Pt to Hg. <i>Organometallics</i> , 2008, 27, 1582-1590.	2.3	40
18	Ligand-Controlled Regiodivergent Catalytic Amidation of Unactivated Secondary Alkyl Bromides. <i>ACS Catalysis</i> , 2021, 11, 10223-10227.	11.2	26

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19	Synthesis, Isolation, and Characterization of an Organometallic Triiodopalladium(IV) Complex. Quantitative and Regioselective Synthesis of Two C ¹ Reductive Elimination Products. <i>Inorganic Chemistry</i> , 2011, 50, 5339-5341.	4.0	25
20	Organometallic Complexes of Palladium(II) Derived from 2,6-Diacetylpyridine Dimethylketal. <i>Organometallics</i> , 2010, 29, 3066-3076.	2.3	21
21	Kinetics and Mechanistic Insights into the Acetate-Assisted Dimerization of Terminal Alkynes under Ruthenium- and Acid-Promoted (RAP) Catalysis. <i>Organometallics</i> , 2017, 36, 3830-3840.	2.3	15
22	Synthesis and Hydrolysis of Cationic Palladium(II) 2,6-Diacetylpyridine Dimethyl Ketal Complexes. Cyclopalladation of 2,6-Diacetylpyridine. Palladium-Catalyzed Synthesis of a 1,5-Benzodiazepine. <i>Organometallics</i> , 2012, 31, 3736-3744.	2.3	7
23	Pd(II)-catalyzed deprotection of acetals and ketals containing acid sensitive functional groups. <i>Tetrahedron Letters</i> , 2014, 55, 1141-1144.	1.4	6