

# JosÃ©-Antonio GarcÃ­a-LÃ³pez

## List of Publications by Year in descending order

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361413

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docs citations

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times ranked

1101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of biaryls using aryne intermediates. Chemical Society Reviews, 2016, 45, 6766-6798.	38.1	229
2	Trapping of Aryne-Palladium(II) Intermediates with Arynes Encompassing Intramolecular C-H Activation: Spirobiaryls through Pd-Catalyzed Cascade Reactions. Angewandte Chemie - International Edition, 2016, 55, 14389-14393.	13.8	116
3	Synthesis of spiro-oxindoles through Pd-catalyzed remote C-H alkylation using $\alpha$ -diazocarbonyl compounds. Chemical Communications, 2017, 53, 2842-2845.	4.1	94
4	Ruthenium-Catalyzed Cascade C-H Functionalization of Phenylacetophenones. Angewandte Chemie - International Edition, 2014, 53, 1529-1533.	13.8	90
5	Double Heteroatom Functionalization of Arenes Using Benzyne Three-Component Coupling. Angewandte Chemie - International Edition, 2015, 54, 2156-2159.	13.8	85
6	Insertion of Isocyanides, Isothiocyanates, and Carbon Monoxide into the Pd-C Bond of Cyclopalladated Complexes Containing Primary Arylalkylamines of Biological and Pharmaceutical Significance. Synthesis of Lactams and Cyclic Amidinium Salts Related to the Isoquinoline, Benzo[ <i>a</i> ]isoquinoline, and $\beta$ -Carboline Nuclei. Organometallics, 2009, 28, 448-464.	2.3	83
7	Ortho Palladation and Functionalization of $\alpha$ -Phenylalanine Methyl Ester. Organometallics, 2007, 26, 2768-2776.	2.3	76
8	Use of 2-Bromophenylboronic Esters as Benzyne Precursors in the Pd-Catalyzed Synthesis of Triphenylenes. Organic Letters, 2014, 16, 2338-2341.	4.6	73
9	of Aryne-Pd(II) Species for Remote C-H Functionalization. ChemCatChem, 2017, 9, 1149-1156.	3.7	70
10	Exploring the mechanism of the Pd-catalyzed spirocyclization reaction: a combined DFT and experimental study. Chemical Science, 2018, 9, 1496-1509.	7.4	62
11	Synthesis and Reactivity of Model Intermediates Proposed for the Pd-Catalyzed Remote C-H Functionalization of <i>N</i> -(2-Haloaryl)acrylamides. Organometallics, 2017, 36, 4465-4476.	2.3	44
12	Eight-Membered Palladacycles Derived from the Insertion of Olefins into the Pd-C Bond of Ortho-Palladated Pharmaceuticals Phenethylamine and Phentermine. Synthesis of Stable Heck-Type Intermediates Containing Accessible $\beta$ -Hydrogens and Its Use in the Synthesis of 2-Styrylphenethylamines, Tetrahydroisoquinolines, and Eight-Membered Cyclic Amidines. Organometallics, 2010, 29, 4320-4338.	2.3	38
13	Ortho Palladation of the Phenethylamines of Biological Relevance $\alpha$ -Tyrosine Methyl Ester and Homoveratrylamine. Reactivity of the Palladacycles toward CO and Isocyanides. Synthesis of the Natural Alkaloid Corydaldine. Organometallics, 2012, 31, 3647-3660.	2.3	38
14	Insertion Reactions on Carbopalladated Benzyne: From Eight- to Nine- and Ten-Membered Palladacycles. Applications to the Synthesis of N-Heterocycles. Organometallics, 2014, 33, 6420-6430.	2.3	31
15	Trapping of Aryne-Palladium(II) Intermediates with Arynes Encompassing Intramolecular C-H Activation: Spirobiaryls through Pd-Catalyzed Cascade Reactions. Angewandte Chemie, 2016, 128, 14601-14605.	2.0	31
16	Reactivity toward CO of Eight-Membered Palladacycles Derived from the Insertion of Alkenes into the Pd-C Bond of Cyclopalladated Primary Arylalkylamines of Pharmaceutical Interest. Synthesis of Tetrahydrobenzazocinones, Ortho-Functionalized Phenethylamines, Ureas, and an Isocyanate. Organometallics, 2012, 31, 6351-6364.	2.3	29
17	Insertion of benzyne into the Pd-C bond. Synthesis of unnatural amino acid derivatives by sequential insertion of benzyne and CO: 2,2-difunctionalized biaryls containing alkylamino and carboxymethyl substituents. Isolation of stable carbopalladated-benzyne intermediates. Chemical Communications, 2012, 48, 6744.	4.1	28
18	A New Method for High-Yield Cyclopalladation of Primary and Secondary Amines. Atom-Efficient Open-to-Air Inexpensive Synthesis of Buchwald-Type Precatalysts. Organometallics, 2011, 30, 4624-4631.	2.3	26

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19	Synthesis of Hindered Biaryls via Aryne Addition and <i>in Situ</i> Dimerization. <i>Organic Letters</i> , 2015, 17, 2649-2651.	4.6	23
20	Tandem Remote Csp <sup>3</sup> â€“H Activation/Csp <sup>3</sup> â€“Csp <sup>3</sup> Cleavage in Unstrained Aliphatic Chains Assisted by Palladium(II). <i>Organometallics</i> , 2019, 38, 973-980.	2.3	20
21	Insertion of Allenes into the Pdâ€“C Bond of Ortho-Palladated Primary Arylamines of Biological Relevance: Phenethylamine, Phentermine, (l)-Phenylalanine Methyl Ester, and (l)-Tryptophan Methyl Ester. Synthesis of Tetrahydro-3-benzazepines and Their Salts. <i>Organometallics</i> , 2012, 31, 8333-8347.	2.3	19
22	Room-Temperature Isolation of Palladium(II) Organocarbonyl Intermediates in the Synthesis of Eight-Membered Lactams after Alkyne/CO Sequential Insertions. <i>Organometallics</i> , 2013, 32, 1094-1105.	2.3	19
23	Reactivity toward Neutral N- and P-Donor Ligands of Eight-Membered Palladacycles Arising from Monoinsertion of Alkynes into the Pdâ€“C Bond of Orthopalladated Homoveratrylamine and Phentermine. A New Example of the Transphobia Effect. <i>Organometallics</i> , 2014, 33, 33-39.	2.3	19
24	2â€“Arylacetamides as Versatile Precursors for 3â€“Aminoisocoumarin and Homophthalimide Derivatives: Palladiumâ€“Catalyzed Cascade Double Carbonylation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2692-2700.	4.3	19
25	Recent Advances on Synthetic Methodology Merging Câ€“H Functionalization and Câ€“C Cleavage. <i>Molecules</i> , 2020, 25, 5900.	3.8	17
26	Reactivity of Eight-Membered Palladacycles Arising from Monoinsertion of Alkynes into the Pdâ€“C bond of Ortho-Palladated Phenethylamines toward Unsaturated Molecules. Synthesis of Dihydro-3-Benzazocinones, N <sup>7</sup> -amino Acids, N <sup>7</sup> -amino Esters, and 3-Benzazepines. <i>Organometallics</i> , 2014, 33, 19-32.	2.3	16
27	Pd-catalyzed cascade reactions involving skipped dienes: from double carbopalladation to remote Câ€“C cleavage. <i>Chemical Communications</i> , 2019, 55, 10281-10284.	4.1	12
28	Chasing <i>C</i> , <i>C</i> â€“Palladacycles. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3655-3683.	2.0	9
29	Palladium-Mediated Functionalization of Benzofuran and Benzothiophene Cores. <i>Organometallics</i> , 2018, 37, 4648-4663.	2.3	8
30	Synthesis of [3.4]â€“Spirooxindoles through Cascade Carbopalladation of Skipped Dienes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1899-1904.	4.3	6
31	Norbornadiene as a Building Block for the Synthesis of Linked Benzazocinones and Benzazocinium Salts through Tetranuclear Carbopalladated Intermediates. <i>Organometallics</i> , 2017, 36, 372-383.	2.3	5
32	Sequential Insertion of Alkynes, Alkenes, and CO into the Pdâ€“C Bond of <i>ortho</i> -Palladated Primary Phenethylamines: from <i>l</i> - <sup>3</sup> -Allyl Complexes and Enlarged Palladacycles to Functionalized Arylalkylamines. <i>Organometallics</i> , 2021, 40, 539-556.	2.3	5
33	Synthesis of Benzofused <i>O</i> - and <i>N</i> -Heterocycles through Cascade Carbopalladation/Cross-Alkylation of Alkynes Involving the Câ€“C Cleavage of Cyclobutanols. <i>Organometallics</i> , 2022, 41, 649-658.	2.3	5
34	Fe <sub>3</sub> O <sub>4</sub> â€“SAHPCâ€“Pd <sub>0</sub> nanoparticles: A ligandâ€“free and low Pd loading quasiheterogeneous catalyst active for mild Suzukiâ€“Miyaura coupling and C-H activation of pyrimidine cores. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	3.5	4