

Anna Pla-Quintana

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8400027/anna-pla-quintana-publications-by-citations.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.

62

papers

2,022

citations

23

h-index

44

g-index

92

ext. papers

2,263

ext. citations

7

avg, IF

5.03

L-index

#	Paper	IF	Citations
62	Diazonium salts as substrates in palladium-catalyzed cross-coupling reactions. <i>Chemical Reviews</i> , 2006 , 106, 4622-43	68.1	649
61	First Heck reaction with arenediazonium cations with recovery of Pd-triolefinic macrocyclic catalyst. <i>Organic Letters</i> , 2003 , 5, 1559-61	6.2	103
60	Allenes, versatile unsaturated motifs in transition-metal-catalysed [2+2+2] cycloaddition reactions. <i>Chemical Society Reviews</i> , 2016 , 45, 2010-23	58.5	76
59	Cooperative two-photon absorption enhancement by through-space interactions in multichromophoric compounds. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8691-4	16.4	63
58	Cationic and fluorescent "Janus" dendrimers. <i>Organic Letters</i> , 2008 , 10, 4751-4	6.2	63
57	Organic nanodots for multiphotonics: synthesis and photophysical studies. <i>New Journal of Chemistry</i> , 2007 , 31, 1354	3.6	59
56	[2+2+2] cycloaddition reactions of macrocyclic systems catalyzed by transition metals. A review. <i>Molecules</i> , 2010 , 15, 9230-51	4.8	52
55	Transition metal-mediated intramolecular [2+2+2] cycloisomerizations of cyclic triynes and enediynes. <i>Journal of Organic Chemistry</i> , 2005 , 70, 2033-41	4.2	50
54	Mechanistic Studies of Transition-Metal-Catalyzed [2 + 2 + 2] Cycloaddition Reactions. <i>Chemical Reviews</i> , 2021 , 121, 1894-1979	68.1	49
53	Allylic Substitution Mediated by Water and Palladium: Unusual Role of a Palladium(II) Catalyst and ESI-MS Analysis. <i>Organometallics</i> , 2004 , 23, 4796-4799	3.8	44
52	Dendritic phosphoramidite ligands for Rh-catalyzed [2+2+2] cycloaddition reactions: unprecedented enhancement of enantiodiscrimination. <i>Chemical Communications</i> , 2012 , 48, 9248-50	5.8	40
51	Chiral N-phosphino sulfinamide ligands in rhodium(I)-catalyzed [2+2+2] cycloaddition reactions. <i>Tetrahedron</i> , 2010 , 66, 9032-9040	2.4	36
50	Synthesis of Nitrogen-Containing 15-Membered Triacetylenic Macrocycles. Stable Complex with Palladium(0). <i>Organometallics</i> , 2004 , 23, 2762-2767	3.8	35
49	The rich reactivity of transition metal carbenes with alkynes. <i>Tetrahedron Letters</i> , 2016 , 57, 3881-3891	2	33
48	Direct detection of key intermediates in rhodium(I)-catalyzed [2+2+2] cycloadditions of alkynes by ESI-MS. <i>Chemistry - A European Journal</i> , 2012 , 18, 13097-107	4.8	32
47	Enantioselective Rhodium(I) Donor Carbenoid-Mediated Cascade Triggered by a Base-Free Decomposition of Arylsulfonyl Hydrazones. <i>Chemistry - A European Journal</i> , 2015 , 21, 16240-5	4.8	31
46	Stereoselective rhodium-catalysed [2+2+2] cycloaddition of linear allene-ene/yne-allene substrates: reactivity and theoretical mechanistic studies. <i>Chemistry - A European Journal</i> , 2014 , 20, 5034-45	4.8	30

45	Dehydrogenative [2 + 2 + 2] Cycloaddition of Cyano-yne-allene Substrates: Convenient Access to 2,6-Naphthyridine Scaffolds. <i>Organic Letters</i> , 2015 , 17, 2882-5	6.2	29
44	Microwave-Enhanced Rhodium-Catalyzed [2+2+2] Cycloaddition Reactions To Afford Highly Functionalized Pyridines and Bipyridines. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 3407-3415	3.2	29
43	Fused tetracycles with a benzene or cyclohexadiene core: [2 + 2 + 2] cycloadditions on macrocyclic systems. <i>Chemical Communications</i> , 2008 , 4339-41	5.8	27
42	Intramolecular [2+2+2] cycloaddition reactions of yne-ene-yne and yne-yne-ene enediyne catalysed by Rh(I): experimental and theoretical mechanistic studies. <i>Chemistry - A European Journal</i> , 2011 , 17, 14493-507	4.8	25
41	Chiral Induction in [2+2+2] Cycloaddition Reactions. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1706-1713	3.8	24
40	Metallated Phthalocyanines as the Core of Dendrimers [Synthesis and Spectroscopic Studies. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2890-2896	2.3	24
39	Functionalization of the 3-Position of Thiophene and Benzo[b]thiophene Moieties by Palladium-Catalyzed C-C Bond Forming Reactions using Diazonium Salts. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 2003-2012	5.6	23
38	Rates and Mechanism of Rhodium-Catalyzed [2+2+2] Cycloaddition of Bisalkynes and a Monoalkyne. <i>Organometallics</i> , 2009 , 28, 6036-6043	3.8	23
37	15-Membered Triolefinic Macrocycles [Catalytic Role of (E,E,E)-1,6,11-Tris(arenesulfonyl)-1,6,11-triazacyclopentadeca-3,8,13-triene Complexes of Palladium(0) in the Presence of Phosphanes. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 274-283	3.2	23
36	A simple catalytic system based on PdCl ₂ (CH ₃ CN) ₂ in water for cross-coupling reactions using diazonium salts. <i>Tetrahedron</i> , 2013 , 69, 9761-9765	2.4	22
35	Ene reactions between two alkynes? Doors open to thermally induced cycloisomerization of macrocyclic triynes and enediyne. <i>Chemical Communications</i> , 2010 , 46, 2944-6	5.8	20
34	Expedition Preparation of Open-Cage Fullerenes by Rhodium(I)-Catalyzed [2+2+2] Cycloaddition of Diynes and C : An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2018 , 24, 10653-10661	4.8	19
33	Examining the Factors That Govern the Regioselectivity in Rhodium-Catalyzed Alkyne Cyclotrimerization. <i>Organometallics</i> , 2019 , 38, 2853-2862	3.8	19
32	Synthesis, catalytic activity and redox properties of palladium(0) complexes with 15-membered triolefinic macrocyclic ligands containing one, two or three ferrocenyl groups. <i>Tetrahedron Letters</i> , 2002 , 43, 1425-1428	2	18
31	ESI-mass spectrometry as a tool for investigating the mechanistic role of a 15-membered triolefinic macrocyclic palladium(0) complex in the Heck reaction. <i>Arkivoc</i> , 2005 , 2005, 51-62	0.9	18
30	An Enantioselective Cascade Cyclopropanation Reaction Catalyzed by Rhodium(I): Asymmetric Synthesis of Vinylcyclopropanes. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 3512-3516	5.6	16
29	Rhodium-NHC Hybrid Silica Materials as Recyclable Catalysts for [2+2+2] Cycloaddition Reactions of Alkynes. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 6242-6251	3.2	16
28	Diversified Strategies for the Synthesis of Bifunctional Dendrimeric Structures. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 5414-5422	3.2	15

27	Synthesis of non-proteinogenic phenylalanine derivatives by rhodium-catalyzed [2+2+2] cycloaddition reactions. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 5020-7	3.9	14
26	Chiral and Stable Palladium(0) Complexes of Polyunsaturated Aza-macrocyclic Ligands: Synthesis and Structural Analysis. <i>Organometallics</i> , 2006 , 25, 5612-5620	3.8	14
25	Rhodium-Catalyzed [2+2+2] Cycloaddition Reactions of Linear Allene-Ene-Ynes to afford Fused Tricyclic Scaffolds: Insights into the Mechanism. <i>Chemistry - A European Journal</i> , 2017 , 23, 14889-14899	4.8	13
24	Structural analysis of chiral complexes of palladium(0) with 15-membered triolefinic macrocyclic ligands. <i>Chemistry - A European Journal</i> , 2005 , 11, 2689-97	4.8	13
23	A Rh-Catalyzed Cycloisomerization/Diels-Alder Cascade Reaction of 1,5-Bisallenes for the Synthesis of Polycyclic Heterocycles. <i>Organic Letters</i> , 2019 , 21, 6608-6613	6.2	12
22	Computational insight into Wilkinson's complex catalyzed [2 + 2 + 2] cycloaddition mechanism leading to pyridine formation. <i>Journal of Organometallic Chemistry</i> , 2014 , 768, 15-22	2.3	12
21	Rhodium(I)-Catalyzed [2 + 2 + 2] Cycloaddition Reactions of Triacetylenic 15-Membered Aza Macrocycles: A Comparative Structural Study. <i>Organometallics</i> , 2012 , 31, 318-326	3.8	10
20	Nickel(0) Complexes of Polyunsaturated Azamacrocyclic Ligands. <i>Organometallics</i> , 2012 , 31, 1983-1990	3.8	9
19	Brilliant organic nanodots: novel nano-objects for bionanophotonics 2008 ,		9
18	Enhanced Open-Circuit Voltage in Perovskite Solar Cells with Open-Cage [60]Fullerene Derivatives as Electron-Transporting Materials. <i>Materials</i> , 2019 , 12,	3.5	8
17	Chiral Induction in Intramolecular Rhodium-Catalyzed [2+2+2] Cycloadditions of Optically Active Allene-ene/yne-ene Substrates. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 506-512	5.6	7
16	A Computational Study of the Intermolecular [2+2+2] Cycloaddition of Acetylene and C Catalyzed by Wilkinson's Catalyst. <i>Chemistry - A European Journal</i> , 2017 , 23, 15067-15072	4.8	7
15	Unusual reactivity of rhodium carbenes with allenes: an efficient asymmetric synthesis of methylenetetrahydropyran scaffolds. <i>Chemical Communications</i> , 2017 , 53, 9922-9925	5.8	7
14	Rhodium-Catalyzed [2+2+2] Cycloadditions of Dienes with Morita-Baylis-Hillman Adducts: A Stereoselective Entry to Densely Functionalized Cyclohexadiene Scaffolds. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1848-1853	5.6	6
13	Structural Differences between Open-Chain and Macrocyclic Triene Ligands for Palladium(0): Influence on the Stability and Catalytical Properties. <i>Organometallics</i> , 2008 , 27, 5768-5776	3.8	6
12	Nickel(0) Complexes of Acyclic Polyunsaturated Aza Ligands. <i>Organometallics</i> , 2013 , 32, 1710-1720	3.8	5
11	A new mild synthetic route to N-arylated pyridazinones from aryldiazonium salts. <i>Chemical Communications</i> , 2014 , 50, 8073-6	5.8	4
10	Rhodium N-Heterocyclic Carbene Complexes as Effective Catalysts for [2+2+2]-Cycloaddition Reactions. <i>Synlett</i> , 2009 , 2009, 2844-2848	2.2	4

9	Customized multiphotonics nanotools for bioapplications: soft organic nanodots as an eco-friendly alternative to quantum dots 2009 ,		4
8	Cooperative TPA enhancement via through-space interactions in organic nanodots built from dipolar chromophores 2010 ,		3
7	Palladium Intermediates in Solution 2010 , 229-275		3
6	Synthesis of Fused Dihydroazepine Derivatives of Fullerenes by a Rh-Catalyzed Cascade Process. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 3835-3844	5.6	3
5	Synthesis and structure of a chiral dinuclear palladium(0) complex with a 30-membered hexaolefinic macrocyclic ligand. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 2997-3004	2.3	2
4	Preparation of Aniline Derivatives: An Advanced Undergraduate Laboratory Experiment Exploring Catalytic and Stoichiometric Reaction Methodologies. <i>Journal of Chemical Education</i> , 2002 , 79, 731	2.4	2
3	IR spectroscopy investigation using DFT analysis on the structure of P(1) phosphorus dendrimer built from octasubstituted metal-free phthalocyanine core. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 72, 636-42	4.4	1
2	Effects of Axial Solvent Coordination to Dirhodium Complexes on the Reactivity and Selectivity in C ₆₀ Insertion Reactions: A Computational Study. <i>Organometallics</i> , 2021 , 40, 4120-4132	3.8	1
1	Expeditious Preparation of Open-Cage Fullerenes by Rhodium(I)-Catalyzed [2+2+2] Cycloaddition of Diynes and C ₆₀ : An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2018 , 24, 10561-10561	4.8	