Albert Artigas

List of Publications by Year
in descending order

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31	687	706676	620720
papers	citations	14	26
		h-index	g-index

33	33	33	562
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Choice of Rhodium Catalysts in [2+2+2] Cycloaddition Reaction: A Personal Account. Molecules, 2022, 27, 1332.	1.7	9
2	Highly Selective Synthesis of Seven-Membered Azaspiro Compounds by a Rh(I)-Catalyzed Cycloisomerization/Dielsâ€“Alder Cascade of 1,5-Bisallenes. Journal of Organic Chemistry, 2022, 87, 5279-5286.	1.7	7
3	Multidimensional Isotropic Magnetic Shielding Contour Maps for the Visualization of Aromaticity in ortho-Arynes and Their Reactions. Synthesis, 2022, 54, 4997-5002.	1.2	4
4	Mechanistic Studies of Transition-Metal-Catalyzed [2 + 2 + 2] Cycloaddition Reactions. Chemical Reviews, 2021, 121, 1894-1979.	23.0	125
5	Visualizing electron delocalization in contorted polycyclic aromatic hydrocarbons. Chemical Science, 2021, 12, 13092-13100.	3.7	17
6	Synthesis of Fused Dihydroazepine Derivatives of Fullerenes by a Rhâ€Catalyzed Cascade Process. Advanced Synthesis and Catalysis, 2021, 363, 3835-3844.	2.1	8
7	Î±-DTC₇₀ fullerene performs significantly better than Î²-DTC70 as electron transporting material in perovskite solar cells. Journal of Materials Chemistry C, 2020, 8, 6813-6819.	2.7	5
8	(Invited) Preparation of Open-Cage Fullerene Derivatives By Rhodium(I)-Catalyzed [2+2+2] Cycloaddition of Diynes and C60: Synthesis, Computational Studies and Application in Perovskite Solar Cells. ECS Meeting Abstracts, 2020, MA2020-01, 786-786.	0.0	0
9	A Rh-Catalyzed Cycloisomerization/Dielsâ€“Alder Cascade Reaction of 1,5-Bisallenes for the Synthesis of Polycyclic Heterocycles. Organic Letters, 2019, 21, 6608-6613.	2.4	18
10	Examining the Factors That Govern the Regioselectivity in Rhodium-Catalyzed Alkyne Cyclotrimerization. Organometallics, 2019, 38, 2853-2862.	1.1	34
11	Regioselectivity in Dielsâ€“Alder Cycloadditions of #6094C68 Fullerene with a Triplet Ground State. Journal of Organic Chemistry, 2019, 84, 9017-9024.	1.7	7
12	Enhanced Open-Circuit Voltage in Perovskite Solar Cells with Open-Cage [60]Fullerene Derivatives as Electron-Transporting Materials. Materials, 2019, 12, 1314.	1.3	13
13	Expeditious Preparation of Open-Cage Fullerenes by Rhodium(I)-Catalyzed [2+2+2] Cycloaddition of Diynes and C60 : Anâ€‰Experimental and Theoretical Study. Chemistry - A European Journal, 2018, 24, 10561-10561.	1.7	0
14	Expeditious Preparation of Openâ€Cage Fullerenes by Rhodium(I)â€Catalyzed [2+2+2] Cycloaddition of Diynes and C₆₀: Anâ€‰Experimental and Theoretical Study. Chemistry - A European Journal, 2018, 24, 10653-10661.	1.7	28
15	Chiral Induction in [2+2+2] Cycloaddition Reactions. Asian Journal of Organic Chemistry, 2018, 7, 1706-1718.	1.3	40
16	Synthesis and Biological Evaluation of Heteroarylnonanenitriles as Potential Antitrypanosomal Agents: Serendipitous Discovery of Novel Anticholinesterase Hits. Letters in Organic Chemistry, 2018, 15, 455-461.	0.2	0
17	Chiral Induction in Intramolecular Rhodiumâ€Catalyzed [2+2+2] Cycloadditions of Optically Active Alleneâ€“ene/yneâ€“allene Substrates. Advanced Synthesis and Catalysis, 2017, 359, 506-512.	2.1	11
18	A Computational Study of the Intermolecular [2+2+2] Cycloaddition of Acetylene and C₆₀ Catalyzed by Wilkinson's Catalyst. Chemistry - A European Journal, 2017, 23, 15067-15072.	1.7	11

#	Article	IF	Citations
19	Rhodiumâ€Catalyzed [2+2+2] Cycloaddition Reactions of Linear Alleneâ€“Eneâ€“Ynes to afford Fused Tricyclic Scaffolds: Insights into the Mechanism. Chemistry - A European Journal, 2017, 23, 14889-14899.	1.7	22
20	Synthesis and biological evaluation of N -cyanoalkyl-, N -aminoalkyl-, and N -guanidinoalkyl-substituted 4-aminoquinoline derivatives as potent, selective, brain permeable antitrypanosomal agents. Bioorganic and Medicinal Chemistry, 2016, 24, 5162-5171.	1.4	9
21	Rhodiumâ€Catalyzed [2+2+2] Cycloadditions of Diynes with Moritaâ€“Baylisâ€“Hillman Adducts: A Stereoselective Entry to Densely Functionalized Cyclohexadiene Scaffolds. Advanced Synthesis and Catalysis, 2016, 358, 1848-1853.	2.1	8
22	Dehydrogenative [2 + 2 + 2] Cycloaddition of Cyano-yne-allene Substrates: Convenient Access to 2,6-Naphthyridine Scaffolds. Organic Letters, 2015, 17, 2882-2885.	2.4	39
23	Computational insight into Wilkinson's complex catalyzed [2Â+Â2Â+Â2] cycloaddition mechanism leading to pyridine formation. Journal of Organometallic Chemistry, 2014, 768, 15-22.	0.8	15
24	Stereoselective Rhodiumâ€Catalysed [2+2+2] Cycloaddition of Linear Alleneâ€“Ene/Yneâ€“Allene Substrates: Reactivity and Theoretical Mechanistic Studies. Chemistry - A European Journal, 2014, 20, 5034-5045.	1.7	37
25	Synthesis and antiprotozoal activity of oligomethylene- and p-phenylene-bis(methylene)-linked bis(+)-huprines. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5435-5438.	1.0	9
26	Intramolecular [2+2+2] Cycloaddition Reactions of Yneâ€eneâ€yne and Yneâ€yneâ€ene Enediynes Catalysed by Rh^I: Experimental and Theoretical Mechanistic Studies. Chemistry - A European Journal, 2011, 17, 14493-14507.	1.7	32
27	[2+2+2] Cycloaddition Reactions of Macrocyclic Systems Catalyzed by Transition Metals. A Review. Molecules, 2010, 15, 9230-9251.	1.7	61
28	Rates and Mechanism of Rhodium-Catalyzed [2+2+2] Cycloaddition of Bisalkynes and a Monoalkyne. Organometallics, 2009, 28, 6036-6043.	1.1	28
29	Fused tetracycles with a benzene or cyclohexadiene core: [2 + 2 + 2] cycloadditions on macrocyclic systems. Chemical Communications, 2008, , 4339.	2.2	31
30	Transition Metal-Mediated Intramolecular [2+2+2] Cycloisomerizations of Cyclic Triynes and Enediynes. Journal of Organic Chemistry, 2005, 70, 2033-2041.	1.7	55
31	A Rh(I)â€Catalyzed Cascade Cyclization of 1,5â€Bisallenes and Alkynes for the Formation of cisâ€3,4â€Arylvinyl Pyrrolidines and Cyclopentanes. Advanced Synthesis and Catalysis, 0, , .	2.1	3