Lawrence M Wolf

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6240711/publications.pdf

Version: 2024-02-01

23	853	687363 13	713466 21
papers	citations	h-index	g-index

23	23	23	1097
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Half-Sandwich Ruthenium Carbene Complexes Link trans-Hydrogenation and gem-Hydrogenation of Internal Alkynes. Journal of the American Chemical Society, 2018, 140, 3156-3169.	13.7	117
2	Formation of Ruthenium Carbenes by gemâ€Hydrogen Transfer to Internal Alkynes: Implications for Alkyne transâ€Hydrogenation. Angewandte Chemie - International Edition, 2015, 54, 12431-12436.	13.8	116
3	Ruthenium-Catalyzed Alkyne trans-Hydrometalation: Mechanistic Insights and Preparative Implications. Journal of the American Chemical Society, 2017, 139, 2443-2455.	13.7	115
4	A Systematic Investigation of Quaternary Ammonium Ions as Asymmetric Phase-Transfer Catalysts. Application of Quantitative Structure Activity/Selectivity Relationships. Journal of Organic Chemistry, 2011, 76, 4337-4357.	3.2	105
5	A Systematic Investigation of Quaternary Ammonium Ions as Asymmetric Phase-Transfer Catalysts. Synthesis of Catalyst Libraries and Evaluation of Catalyst Activity. Journal of Organic Chemistry, 2011, 76, 4260-4336.	3.2	101
6	Î±-Dicationic Chelating Phosphines: Synthesis and Application to the Hydroarylation of Dienes. Journal of the American Chemical Society, 2017, 139, 4948-4953.	13.7	65
7	Competitive Hydrogen Atom Transfer to Oxyl- and Peroxyl Radicals in the Cu-Catalyzed Oxidative Coupling of N-Aryl Tetrahydroisoquinolines Using tert-Butyl Hydroperoxide. ACS Catalysis, 2016, 6, 3253-3261.	11.2	50
8	Progressive cationic functionalization of chlorin derivatives for antimicrobial photodynamic inactivation and related vancomycin conjugates. Photochemical and Photobiological Sciences, 2018, 17, 638-651.	2.9	34
9	A bifunctional electrode engineered by sulfur vacancies for efficient electrocatalysis. Nanoscale, 2019, 11, 16658-16666.	5.6	22
10	Controlled Catalytic Chain Transfer Polymerization of Isobutylene in the Presence of tert-Butanol as Exo-Enhancer. Macromolecules, 2018, 51, 3041-3049.	4.8	19
11	Origin of Inversion versus Retention in the Oxidative Addition of 3-Chloro-cyclopentene to Pd(0)L_n. Journal of Organic Chemistry, 2014, 79, 12136-12147.	3.2	17
12	A Theoretical Investigation on the Mechanism and Stereochemical Course of the Addition of (E)-2-Butenyltrimethylsilane to Acetaldehyde by Electrophilic and Nucleophilic Activation. Journal of the American Chemical Society, 2013, 135, 4743-4756.	13.7	16
13	Reductive Elimination of C₆F₅â€“C₆F₅ from Pd(II) Complexes: Influence of Î±-Dicationic Chelating Phosphines. Organometallics, 2018, 37, 665-672.	2.3	14
14	On the stereochemical course of the addition of allylsilanes to aldehydes. Tetrahedron, 2012, 68, 7701-7718.	1.9	11
15	New Pyrazoleâ€and Benzimidazoleâ€derived Ligand Systems. Journal of Heterocyclic Chemistry, 2018, 55, 1291-1307.	2.6	11
16	Pathway Bifurcations in the Activation of Allylic Halides by Palladium and Their Influence on the Dynamics of Î·¹ and Î·³ Allyl Intermediates. Journal of Organic Chemistry, 2021, 86, 9637-9650.	3.2	9
17	Dynamic behaviour of monohaptoallylpalladium species: internal coordination as a driving force in allylic alkylation chemistry. Chemical Science, 2015, 6, 5734-5739.	7.4	8
18	Twoâ€Step Synthesis of Heptacyclo[6.6.0.0^{2,6}.0^{3,13}.0^{4,11}.0^{5,9}.0^{10,14}]tetradecane from Norbornadiene: Mechanism of the Cage Assembly and Postâ€synthetic Functionalization. Angewandte Chemie - International Edition, 2020, 59, 23299-23305.	13.8	7

#	Article	IF	Citations
19	On the Reactivity Enhancement of Graphene by Metallic Substrates towards Aryl Nitrene Cycloadditions. Chemistry - A European Journal, 2021, 27, 7887-7896.	3.3	6
20	New 3D-stereoconfigurated cis-tris(fluorenylphenylamino)-benzene with large steric hindrance to minimize Ï€â€“Ï€ stacking in thin-film devices. Dyes and Pigments, 2018, 149, 377-386.	3.7	5
21	Towards an Effective Synthesis of Difunctionalized Heptacyclo [6.6.0.0 2,6 .0 3,13 .0 4,11 .0 5,9 .0 10,14]tetradecane: Ligand Effects on the Cage Assembly and Selective Câ^'H Arylation Reactions. Advanced Synthesis and Catalysis, 2021, 363, 3546-3553.	4.3	5
22	Computational Investigations into the Mechanisms of Trans-Selective Hydrogenation and Hydrometalation of Alkynes. ACS Symposium Series, 2019, , 57-69.	0.5	0
23	Twoâ€Step Synthesis of Heptacyclo[6.6.0.0^{2,6}.0^{3,13}.0^{4,11}.0^{5,9}.0^{10,14}] tetradecane from Norbornadiene: Mechanism of the Cage Assembly and Postâ€synthetic Functionalization. Angewandte Chemie, 2020, 132, 23499-23505.	2.0	0