

Lawrence M Wolf

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

853
citations

687363

13
h-index

713466

21
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all docs

23
docs citations

23
times ranked

1097
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Reactivity Enhancement of Graphene by Metallic Substrates towards Aryl Nitrene Cycloadditions. <i>Chemistry - A European Journal</i> , 2021, 27, 7887-7896.	3.3	6
2	Pathway Bifurcations in the Activation of Allylic Halides by Palladium and Their Influence on the Dynamics of $\hat{1}$ and $\hat{3}$ Allyl Intermediates. <i>Journal of Organic Chemistry</i> , 2021, 86, 9637-9650.	3.2	9
3	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 C-H Arylation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3546-3553.	4.3	5
4	Two-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 Post-synthetic Functionalization. <i>Angewandte Chemie</i> , 2020, 132, 23499-23505.	2.0	0
5	Two-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 Post-synthetic Functionalization. <i>Angewandte Chemie - International Edition</i> . 2020, 59, 23299-23305.	13.8	7
6	A bifunctional electrode engineered by sulfur vacancies for efficient electrocatalysis. <i>Nanoscale</i> , 2019, 11, 16658-16666.	5.6	22
7	Computational Investigations into the Mechanisms of Trans-Selective Hydrogenation and Hydrometalation of Alkynes. <i>ACS Symposium Series</i> , 2019, , 57-69.	0.5	0
8	Progressive cationic functionalization of chlorin derivatives for antimicrobial photodynamic inactivation and related vancomycin conjugates. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 638-651.	2.9	34
9	New Pyrazole- and Benzimidazole-derived Ligand Systems. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 1291-1307.	2.6	11
10	Controlled Catalytic Chain Transfer Polymerization of Isobutylene in the Presence of <i>tert</i> -Butanol as Exo-Enhancer. <i>Macromolecules</i> , 2018, 51, 3041-3049.	4.8	19
11	Half-Sandwich Ruthenium Carbene Complexes Link <i>trans</i> -Hydrogenation and <i>gem</i> -Hydrogenation of Internal Alkynes. <i>Journal of the American Chemical Society</i> , 2018, 140, 3156-3169.	13.7	117
12	Reductive Elimination of C ₆ F ₅ -C ₆ F ₅ from Pd(II) Complexes: Influence of $\hat{1}$ -Dicationic Chelating Phosphines. <i>Organometallics</i> , 2018, 37, 665-672.	2.3	14
13	New 3D-stereoconfigured cis-tris(fluorenylphenylamino)-benzene with large steric hindrance to minimize $\hat{1}$ stacking in thin-film devices. <i>Dyes and Pigments</i> , 2018, 149, 377-386.	3.7	5
14	Ruthenium-Catalyzed Alkyne <i>trans</i> -Hydrometalation: Mechanistic Insights and Preparative Implications. <i>Journal of the American Chemical Society</i> , 2017, 139, 2443-2455.	13.7	115
15	$\hat{1}$ -Dicationic Chelating Phosphines: Synthesis and Application to the Hydroarylation of Dienes. <i>Journal of the American Chemical Society</i> , 2017, 139, 4948-4953.	13.7	65
16	Competitive Hydrogen Atom Transfer to Oxy- and Peroxyl Radicals in the Cu-Catalyzed Oxidative Coupling of <i>N</i> -Aryl Tetrahydroisoquinolines Using <i>tert</i> -Butyl Hydroperoxide. <i>ACS Catalysis</i> , 2016, 6, 3253-3261.	11.2	50
17	Formation of Ruthenium Carbenes by <i>gem</i> -Hydrogen Transfer to Internal Alkynes: Implications for Alkyne <i>trans</i> -Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12431-12436.	13.8	116
18	Dynamic behaviour of monohaptoallylpalladium species: internal coordination as a driving force in allylic alkylation chemistry. <i>Chemical Science</i> , 2015, 6, 5734-5739.	7.4	8

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19	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
20	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
21	On the stereochemical course of the addition of allylsilanes to aldehydes. Tetrahedron, 2012, 68, 7701-7718.	1.9	11
22	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
23	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