

David Martin

List of Publications by Year in descending order

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48
papers

4,175
citations

201674

27
h-index

161849

54
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66
all docs

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docs citations

66
times ranked

2774
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Assessment of the Reducing Ability of Breslowâ€¦type Derivatives and Implications for Carbeneâ€¦Catalyzed Radical Reactions**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26783-26789.	13.8	62
2	Critical Assessment of the Reducing Ability of Breslowâ€¦type Derivatives and Implications for Carbeneâ€¦Catalyzed Radical Reactions**. <i>Angewandte Chemie</i> , 2021, 133, 26987-26993.	2.0	8
3	Absolute Templating of M(111) Cluster Surrogates by Galvanic Exchange. <i>Journal of the American Chemical Society</i> , 2020, 142, 16479-16485.	13.7	24
4	Airâ€¦Stable Oxyallyl Patterns and a Switchable Nâ€¦Heterocyclic Carbene. <i>Angewandte Chemie</i> , 2020, 132, 11613-11617.	2.0	4
5	Airâ€¦Stable Oxyallyl Patterns and a Switchable Nâ€¦Heterocyclic Carbene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11516-11520.	13.8	10
6	Stable dicationic dioxoliums and fate of their dioxolyl radicals. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3184-3191.	4.5	2
7	What Are the Radical Intermediates in Oxidative <i>N</i> -Heterocyclic Carbene Organocatalysis?. <i>Journal of the American Chemical Society</i> , 2019, 141, 1109-1117.	13.7	88
8	A computational study of the interplay of steric and electronic effects in the stabilization of 1,3-(diamino)oxyallyls. <i>Journal of Molecular Structure</i> , 2018, 1172, 3-7.	3.6	6
9	Metal free oxidation of vinamidine derivatives: a simple synthesis of Î±-keto-Î²-diimine ligands. <i>RSC Advances</i> , 2018, 8, 38346-38350.	3.6	7
10	The serendipitous discovery of a readily available redox-bistable molecule derived from cyclic(alkyl)(amino)carbenes. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2073-2078.	4.5	10
11	The Advantages of Cyclic Over Acyclic Carbenes To Access Isolable Captodative C-centered Radicals. <i>Chemistry - A European Journal</i> , 2017, 23, 6206-6212.	3.3	34
12	Stable Diâ€¦and Triâ€¦coordinated Carbon(II) Supported by an Electronâ€¦Rich Î²â€¦Diketiminato Ligand. <i>Angewandte Chemie</i> , 2017, 129, 1051-1055.	2.0	8
13	Stable Diâ€¦and Triâ€¦coordinated Carbon(II) Supported by an Electronâ€¦Rich Î²â€¦Diketiminato Ligand. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1031-1035.	13.8	22
14	Investigation of the full reversal of selectivity in the reaction of aniline with 1,3-dichloro-1,3-bis(dimethylamino)vinamidinium salts. <i>New Journal of Chemistry</i> , 2017, 41, 15016-15020.	2.8	8
15	A Ruthenium Catalyst for Olefin Metathesis Featuring an Antiâ€¦Bredt Nâ€¦Heterocyclic Carbene Ligand. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 965-969.	4.3	12
16	Room temperature hydroamination of alkynes with anilines catalyzed by anti-Bredt di(amino)carbene gold(i) complexes. <i>New Journal of Chemistry</i> , 2016, 40, 5993-5996.	2.8	17
17	An air-persistent oxyallyl radical cation with simple di(methyl)amino substituents. <i>Chemical Communications</i> , 2016, 52, 11422-11425.	4.1	22
18	Air-Persistent Monomeric (Amino)(carboxy) Radicals Derived from Cyclic (Alkyl)(Amino) Carbenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 7519-7525.	13.7	94

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19	The quest for observation and isolation of oxyallyl derivatives. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1536-1545.	4.5	16
20	Comparative Reactivity of Different Types of Stable Cyclic and Acyclic Mono- and Diamino Carbenes with Simple Organic Substrates. <i>Journal of the American Chemical Society</i> , 2014, 136, 5023-5030.	13.7	106
21	Synthesis and Reactivity of a CAAC ⁺ -Aminoborylene Adduct: A Hetero ⁺ Allene or an Organoboron Isoelectronic with Singlet Carbenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13159-13163.	13.8	258
22	Gold-Catalyzed Hydroarylation of Alkenes with Dialkylanilines. <i>Journal of the American Chemical Society</i> , 2014, 136, 13594-13597.	13.7	139
23	Bottleable (Amino)(Carboxy) Radicals Derived from Cyclic (Alkyl)(Amino) Carbenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 18766-18769.	13.7	113
24	Experimental and Computational Studies of Anti-Bredt Amidinium Salts. <i>Chemistry - A European Journal</i> , 2013, 19, 14895-14901.	3.3	13
25	³¹ P-NMR Chemical Shifts of Carbene ⁺ -Phosphinidene Adducts as an Indicator of the ⁺ Accepting Properties of Carbenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2939-2943.	13.8	447
26	Anti-Bredt N-heterocyclic carbene: an efficient ligand for the gold(i)-catalyzed hydroamination of terminal alkynes with parent hydrazine. <i>Chemical Communications</i> , 2013, 49, 4483.	4.1	72
27	An Air ⁺ -Stable Oxyallyl Radical Cation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7014-7017.	13.8	65
28	A Cyclic Diaminocarbene with a Pyramidalized Nitrogen Atom: A Stable N ⁺ -Heterocyclic Carbene with Enhanced Electrophilicity. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6172-6175.	13.8	128
29	Stable singlet carbenes as mimics for transition metal centers. <i>Chemical Science</i> , 2011, 2, 389-399.	7.4	584
30	Assessment of the Electronic Properties of ⁺ ligands Stemming from Secondary Phosphine Oxides. <i>Chemistry - A European Journal</i> , 2011, 17, 12729-12740.	3.3	59
31	A Brief Survey of Our Contribution to Stable Carbene Chemistry. <i>Organometallics</i> , 2011, 30, 5304-5313.	2.3	400
32	Formation of Quaternary Chiral Centers by N ⁺ -Heterocyclic Carbene ⁺ -Cu ⁺ -Catalyzed Asymmetric Conjugate Addition Reactions with Grignard Reagents on Trisubstituted Cyclic Enones. <i>Chemistry - A European Journal</i> , 2010, 16, 9890-9904.	3.3	108
33	New P-stereogenic triaminophosphines and their derivatives: synthesis, structure, conformational study, and application as chiral ligands. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1238-1245.	1.8	21
34	Illuminating Metal-Ion Sensors: Benzimidazolesulfonamide Metal Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 10226-10228.	4.0	19
35	Highly Regio- and Stereocontrolled Formation of Functionalized Tricyclo[4.2.1.0 ^{2,8}]non-3-enes. <i>Journal of Organic Chemistry</i> , 2009, 74, 3783-3791.	3.2	10
36	Enantioselective Cobalt ⁺ -Catalyzed [6+2]-% Cycloadditions of Cycloheptatriene with Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 280-286.	4.3	52

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37	A simple route to chiral phosphinous acid-boranes. <i>Chemical Communications</i> , 2008, , 3031.	4.1	43
38	Looking for a Synergic Effect between NHCs and Chiral P-Ligands. <i>Organic Letters</i> , 2008, 10, 1453-1456.	4.6	32
39	Formation of All-Carbon Quaternary Centers by Copper-Catalyzed Asymmetric Conjugate Addition. <i>Chimia</i> , 2008, 62, 461.	0.6	17
40	Stable P-Heterocyclic Carbenes: Scope and Limitations. <i>Chemistry - an Asian Journal</i> , 2007, 2, 178-187.	3.3	60
41	Copper-Catalyzed Asymmetric Conjugate Addition of Grignard Reagents to Trisubstituted Enones. Construction of All-Carbon Quaternary Chiral Centers. <i>Journal of the American Chemical Society</i> , 2006, 128, 8416-8417.	13.7	279
42	New Synthetic Routes to C-Amino Phosphorus Ylides and their Subsequent Fragmentation into Carbenes and Phosphines. <i>Chemistry - an Asian Journal</i> , 2006, 1, 155-160.	3.3	27
43	Synthesis of Extended Polyphosphacumulenes. <i>Chemistry - A European Journal</i> , 2006, 12, 8444-8450.	3.3	5
44	C-Phosphoniophosphaalkenes as Precursors of 1,3-Diphosphaallenes: Scope and Limitations. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2619-2624.	2.0	14
45	A Stable P-Heterocyclic Carbene. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1700-1703.	13.8	152
46	Theoretical and Experimental Investigation of the Basicity of Phosphino(silyl)carbenes. <i>Journal of Organic Chemistry</i> , 2005, 70, 5671-5677.	3.2	18
47	Synthesis of a Persistent 1,3-Diphosphaallyl Cation Featuring a Localized Phosphorus-Carbon Double Bond. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3533-3537.	2.0	8
48	Structural and electrochemical study of metal carbonyl complexes with chelating bis- and tetrakis(diphenylphosphino)tetrathiafulvalenes. <i>Journal of Organometallic Chemistry</i> , 2002, 643-644, 292-300.	1.8	59