Jun-Profâ€dr Max M Hansmann

List of Publications by Year
in descending order

55 papers	3,024 citations	117453 34 h-index	161609 54 g-index
71 all docs	71 docs citations	71 times ranked	2450 citing authors

#	Article	IF	Citations
1	Organic Fourâ€Electron Redox Systems Based on Bipyridine and Phenanthroline Carbene Architectures. Angewandte Chemie - International Edition, 2022, 61, .	7.2	25
2	Blickpunkt Nachwuchs: Redoxsysteme und neue stabile Verbindungsklassen. Nachrichten Aus Der Chemie, 2022, 70, 80-81.	0.0	0
3	Isolation and reactivity of an elusive diazoalkene. Nature Chemistry, 2021, 13, 587-593.	6.6	55
4	N₂/CO Exchange at a Vinylidene Carbon Center: Stable Alkylidene Ketenes and Alkylidene Thioketenes from 1,2,3-Triazole Derived Diazoalkenes. Journal of the American Chemical Society, 2021, 143, 12878-12885.	6.6	47
5	Characterization of a Triplet Vinylidene. Journal of the American Chemical Society, 2021, 143, 21410-21415.	6.6	13
6	Stable Mesoionic Nâ€Heterocyclic Olefins (mNHOs). Angewandte Chemie, 2020, 132, 5831-5836.	1.6	17
7	Stable Mesoionic Nâ€Heterocyclic Olefins (mNHOs). Angewandte Chemie - International Edition, 2020, 59, 5782-5787.	7.2	62
8	Realizing Metal-Free Carbene-Catalyzed Carbonylation Reactions with CO. Journal of the American Chemical Society, 2020, 142, 18336-18340.	6.6	29
9	Titelbild: Singlet Fission in Carbeneâ€Derived Diradicaloids (Angew. Chem. 20/2020). Angewandte Chemie, 2020, 132, 7697-7697.	1.6	0
10	Singlet Fission in Carbeneâ€Derived Diradicaloids. Angewandte Chemie, 2020, 132, 7980-7988.	1.6	15
11	Aromaticity and sterics control whether a cationic olefin radical is resistant to disproportionation. Chemical Science, 2020, 11, 4138-4149.	3.7	29
12	Singlet Fission in Carbeneâ€Derived Diradicaloids. Angewandte Chemie - International Edition, 2020, 59, 7906-7914.	7.2	46
13	A Î¼â€Phosphido Diiron Dumbbell in Multiple Oxidation States. Angewandte Chemie - International Edition, 2019, 58, 14349-14356.	7.2	19
14	A Î¼â€Phosphido Diiron Dumbbell in Multiple Oxidation States. Angewandte Chemie, 2019, 131, 14487-14494.	1.6	4
15	Organic Redox Systems Based on Pyridiniumâ€"Carbene Hybrids. Journal of the American Chemical Society, 2019, 141, 9701-9711.	6.6	53
16	Modular Approach to KekulÃ© Diradicaloids Derived from Cyclic (Alkyl)(amino)carbenes. Journal of the American Chemical Society, 2018, 140, 2546-2554.	6.6	77
17	Organic Mixed Valence Compounds Derived from Cyclic (Alkyl)(amino)carbenes. Journal of the American Chemical Society, 2018, 140, 2206-2213.	6.6	64
18	Intercepting a Transient Phosphinoâ€Arsinidene. Chemistry - A European Journal, 2018, 24, 9514-9519.	1.7	31

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19	Pyrylenes: A New Class of Tunable, Redox-Switchable, Photoexcitable Pyryliumâ€“Carbene Hybrids with Three Stable Redox-States. Journal of the American Chemical Society, 2018, 140, 14823-14835.	6.6	46
20	Synthesis of Azaphosphinines by Directed Inverseâ€Electronâ€Demand Heteroâ€Dielsâ€“Alder Reactions with Na(OCP). Chemistry - A European Journal, 2018, 24, 11573-11577.	1.7	17
21	Carbene derived diradicaloids â€“ building blocks for singlet fission?. Chemical Science, 2018, 9, 6107-6117.	3.7	66
22	(Phosphanyl)phosphaketenes as building blocks for novel phosphorus heterocycles. Chemical Science, 2017, 8, 3720-3725.	3.7	50
23	Direct Access to Ï€â€Extended Phosphindolium Salts by Simple Protonâ€Induced Cyclization of (<i>o</i>â€Alkynylphenyl)phosphanes. Chemistry - A European Journal, 2017, 23, 5429-5433.	1.7	26
24	Goldâ€Catalyzed Formal Cyclisation/Dimerization of Thiopheneâ€Tethered Diynes. Chemistry - A European Journal, 2017, 23, 5716-5721.	1.7	13
25	Bicyclic (Alkyl)(amino)carbenes (BICAACs): Stable Carbenes More Ambiphilic than CAACs. Journal of the American Chemical Society, 2017, 139, 7753-7756.	6.6	92
26	Intramolecular <i>anti</i>â€Phosphinoauration of Alkynes: An FLPâ€Motivated Approach to Stable Aurated Phosphindolium Complexes. Chemistry - A European Journal, 2017, 23, 2542-2547.	1.7	37
27	Crystalline Monomeric Allenyl/Propargyl Radical. Journal of the American Chemical Society, 2017, 139, 15620-15623.	6.6	62
28	B(C₆F₅)₃: A Lewis Acid that Brings the Light to the Solid State. Angewandte Chemie - International Edition, 2016, 55, 1196-1199.	7.2	52
29	New Pathways for the Dual Goldâ€Catalyzed Cyclization of Diynes. Chemistry - A European Journal, 2016, 22, 16286-16291.	1.7	25
30	The Propargyl Rearrangement to Functionalised Allylâ€Boron and Borocation Compounds. Chemistry - A European Journal, 2016, 22, 14618-14624.	1.7	22
31	Nucleophilic T-Shaped (LXL)Au(I)-Pincer Complexes: Protonation and Alkylation. Journal of the American Chemical Society, 2016, 138, 15873-15876.	6.6	56
32	Transition-Metal-like Behavior of Main Group Elements: Ligand Exchange at a Phosphinidene. Journal of the American Chemical Society, 2016, 138, 15885-15888.	6.6	116
33	Singlet (Phosphino)phosphinidenes are Electrophilic. Journal of the American Chemical Society, 2016, 138, 8356-8359.	6.6	148
34	Lewis acidâ€“base 1,2-addition reactions: synthesis of pyrylium borates from en-ynoate precursors. Dalton Transactions, 2016, 45, 5929-5932.	1.6	22
35	Insights into the Goldâ€Catalyzed Propargyl Ester Rearrangement/Tandem Cyclization Sequence: Radical versus Gold Catalysisâ€”Myersâ€“Saitoâ€versus Schmittelâ€Type Cyclization. Chemistry - A European Journal, 2015, 21, 14401-14409.	1.7	38
36	Pathways to Functionalized Heterocycles: Propargyl Rearrangement using B(C₆F₅)₃. Organometallics, 2015, 34, 5298-5309.	1.1	27

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37	Diverging Pathways in the Activation of Allenes with Lewis Acids and Bases: Addition, 1,2-Carboboration, and Cyclization. Organometallics, 2015, 34, 4127-4137.	1.1	43
38	Cyclopropanation/Carboboration Reactions of Enynes with B(C₆F₅)₃. Journal of the American Chemical Society, 2015, 137, 15469-15477.	6.6	77
39	Goldâ€Catalyzed Cyclization of Diynes: Controlling the Mode of 5â€<i>endo</i> versus 6â€<i>endo</i> Cyclizationâ€"An Experimental and Theoretical Study by Utilizing Diethynylthiophenes. Chemistry - A European Journal, 2014, 20, 2215-2223.	1.7	87
40	Synthesis of Highly Substituted 3â€Formylfurans by a Gold(I)â€Catalyzed Oxidation/1,2â€Alkynyl Migration/Cyclization Cascade. Angewandte Chemie - International Edition, 2014, 53, 3715-3719.	7.2	151
41	Activation of Alkynes with B(C₆F₅)₃ â€" Boron Allylation Reagents Derived from Propargyl Esters. Journal of the American Chemical Society, 2014, 136, 777-782.	6.6	71
42	B(C₆F₅)₃ promoted cyclisation of internal propargyl esters: structural characterisation of 1,3-dioxolium compounds. Chemical Communications, 2014, 50, 7243-7245.	2.2	33
43	Reactivity of Organogold Compounds with B(C₆F₅)₃: Goldâ€"Boron Transmetalation via Ïƒ-B/Ï€-Au Species. Organometallics, 2014, 33, 4461-4470.	1.1	39
44	Goldâ€Catalyzed Highly Diastereoselective Synthesis of Functionalized 3,4â€Disubstituted Butyrolactams <i>via</i> Phosphatyloxy or Carbonate Double Migrations. Advanced Synthesis and Catalysis, 2013, 355, 2037-2043.	2.1	22
45	A Theoretical DFTâ€Based and Experimental Study of the Transmetalation Step in Au/Pdâ€Mediated Crossâ€Coupling Reactions. Chemistry - A European Journal, 2013, 19, 15290-15303.	1.7	49
46	Cyclisation versus 1,1â€Carboboration: Reactions of B(C₆F₅)₃ with Propargyl Amides. Chemistry - A European Journal, 2013, 19, 11928-11938.	1.7	71
47	Goldâ€Catalyzed Formal 1,6â€Acyloxy Migration Leading to 3,4â€Disubstituted Pyrrolidinâ€2â€ones. Angewandte Chemie - International Edition, 2013, 52, 1329-1332.	7.2	81
48	Mechanistic Switch in Dual Gold Catalysis of Diynes: C(sp³)â€"H Activation through Bifurcationâ€"Vinylidene versus Carbene Pathways. Angewandte Chemie - International Edition, 2013, 52, 2593-2598.	7.2	214
49	Goldâ€"allenylidenes â€" an experimental and theoretical study. Chemical Science, 2013, 4, 1552.	3.7	104
50	Gold Meets Rhodium: Tandem One-Pot Synthesis of Î²-Disubstituted Ketones via Meyerâ€"Schuster Rearrangement and Asymmetric 1,4-Addition. Organic Letters, 2013, 15, 3226-3229.	2.4	78
51	Tandem Palladium(0) and Palladium(II)â€Catalyzed Allylic Alkylation Through Complementary Redox Cycles. Angewandte Chemie - International Edition, 2012, 51, 11522-11526.	7.2	45
52	Palladiumâ€Catalyzed Alkylation of 1,4â€Dienes by Cï£¿H Activation. Angewandte Chemie - International Edition, 2012, 51, 4950-4953.	7.2	90
53	Group 13 BN dehydrocoupling reagents, similar to transition metal catalysts but with unique reactivity. Chemical Science, 2011, 2, 1554.	3.7	83
54	Theoretical insights into the superior activity of gold catalysts and reactions of organogold intermediates with electrophiles. Faraday Discussions, 2011, 152, 179.	1.6	12

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55	Organic Fourâ€Electron Redox Systems Based on Bipyridine and Phenanthroline Carbene Architectures. Angewandte Chemie, 0, , .	1.6	2