Jan Paradies

List of Publications by Year
in descending order

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67	3,028	172386 29	168321 53
papers	citations	h-index	g-index

91	91	91	2227
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalâ€Free Hydrogenation of Unsaturated Hydrocarbons Employing Molecular Hydrogen. Angewandte Chemie - International Edition, 2014, 53, 3552-3557.	7.2	251
2	Metalâ€free Catalytic Olefin Hydrogenation: Lowâ€Temperature H₂â€…Activation by Frustrated Lewis Pairs. Angewandte Chemie - International Edition, 2012, 51, 10164-10168.	7.2	230
3	Palladium-Catalyzed Câ€“S Coupling: Access to Thioethers, Benzo[b]thiophenes, and Thieno[3,2-b]thiophenes. Organic Letters, 2011, 13, 4100-4103.	2.4	152
4	Functionalâ€Group Tolerance in Frustrated Lewis Pairs: Hydrogenation of Nitroolefins and Acrylates. Angewandte Chemie - International Edition, 2013, 52, 5876-5879.	7.2	140
5	Frustrated Lewis Pair Catalyzed Dehydrogenative Oxidation of Indolines and Other Heterocycles. Angewandte Chemie - International Edition, 2016, 55, 12219-12223.	7.2	129
6	[2.2]Paracyclophane Derivatives: Synthesis and Application in Catalysis. Synthesis, 2011, 2011, 3749-3766.	1.2	125
7	Catalytic metal-free Siâ€“N cross-dehydrocoupling. Chemical Communications, 2014, 50, 2318-2320.	2.2	113
8	Frustrated Lewis Pair Catalyzed Hydrogenations. Synlett, 2013, 24, 777-780.	1.0	105
9	Electronic effects of triarylphosphines in metal-free hydrogen activation: a kinetic and computational study. Chemical Science, 2013, 4, 2788.	3.7	93
10	From structure to novel reactivity in frustrated Lewis pairs. Coordination Chemistry Reviews, 2019, 380, 170-183.	9.5	73
11	Frustrated Lewis Pairâ€Catalyzed Cycloisomerization of 1,5â€Enynes via a 5â€endoâ€dig Cyclization/Protodeborylation Sequence. Angewandte Chemie - International Edition, 2016, 55, 4336-4339.	7.2	72
12	Frustrated Lewis Pair Catalyzed Hydrogenation of Amides: Halides as Active Lewis Base in the Metal-Free Hydrogen Activation. Journal of the American Chemical Society, 2019, 141, 159-162.	6.6	70
13	Readily available hydrogen bond catalysts for the asymmetric transfer hydrogenation of nitroolefins. Organic and Biomolecular Chemistry, 2011, 9, 4323.	1.5	69
14	Planarâ€Chiral Thioureas as Hydrogenâ€Bond Catalysts. European Journal of Organic Chemistry, 2010, 2010, 2265-2269.	1.2	59
15	[2.2]Paracyclophane derived bisphosphines for the activation of hydrogen by FLPs: application in domino hydrosilylation/hydrogenation of enones. Dalton Transactions, 2012, 41, 9056.	1.6	58
16	Autoinduced Catalysis and Inverse Equilibrium Isotope Effect in the Frustrated Lewis Pair Catalyzed Hydrogenation of Imines. Chemistry - A European Journal, 2015, 21, 8056-8059.	1.7	58
17	Mechanisms in Frustrated Lewis Pairâ€Catalyzed Reactions. European Journal of Organic Chemistry, 2019, 2019, 283-294.	1.2	57
18	Structureâ€“Reactivity Relationship in the Frustrated Lewis Pair (FLP)â€Catalyzed Hydrogenation of Imines. Chemistry - A European Journal, 2016, 22, 7422-7426.	1.7	54

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19	Boraneâ€Catalyzed Synthesis of Quinolines Bearing Tetrasubstituted Stereocenters by Hydride Abstractionâ€Induced Electrocyclization. Chemistry - A European Journal, 2018, 24, 16287-16291.	1.7	50
20	Ambidextrous Catalytic Access to Dithieno[3,2-b:2â€²,3â€²-d]thiophene (DTT) Derivatives by Both Palladium-Catalyzed Câ€“S and Oxidative Dehydro Câ€“H Coupling. Organic Letters, 2014, 16, 4086-4089.	2.4	44
21	Dehydrierende Oxidation von Indolinen und anderen Heterocyclen durch frustrierte Lewisâ€Paare. Angewandte Chemie, 2016, 128, 12407-12411.	1.6	42
22	Borane-catalyzed indole synthesis through intramolecular hydroamination. Dalton Transactions, 2017, 46, 1539-1545.	1.6	39
23	Electrophilic Phosphonium Cationâ€Mediated Phosphane Oxide Reduction Using Oxalyl Chloride and Hydrogen. Angewandte Chemie - International Edition, 2018, 57, 15253-15256.	7.2	37
24	Formation of an Organometallic Ladderane Derivative by Dynamic Topochemical Reaction Control. Angewandte Chemie - International Edition, 2006, 45, 7630-7633.	7.2	35
25	Frustrated Lewis pair catalyzed hydrosilylation and hydrosilane mediated hydrogenation of fulvenes. Organic and Biomolecular Chemistry, 2014, 12, 9139-9144.	1.5	33
26	Redox-responsive phosphonite gold complexes in hydroamination catalysis. Chemical Communications, 2019, 55, 5323-5326.	2.2	33
27	[2.2]Paracyclophanediyldiphosphane Complexes of Gold. European Journal of Inorganic Chemistry, 2012, 2012, 5033-5042.	1.0	32
28	Chiral Borane-Based Lewis Acids for Metal Free Hydrogenations. Topics in Organometallic Chemistry, 2017, , 193-216.	0.7	32
29	Functional-Group Chemistry of Organolithium Compounds: Photochemical [2+2] Cycloaddition of Alkenyl-Substituted Lithium Cyclopentadienides. Angewandte Chemie - International Edition, 2006, 45, 3079-3082.	7.2	30
30	Coupling of ortho-substituted aryl chlorides with bulky amides. Chemical Communications, 2011, 47, 11095.	2.2	30
31	Diastereoselective Synthesis of Dihydro-quinolin-4-ones by a Borane-Catalyzed Redox-Neutral endo-1,7-Hydride Shift. Organic Letters, 2021, 23, 3626-3630.	2.4	29
32	Dually Crosslinked Supramolecular Hydrogel for Cancer Biomarker Sensing. ACS Applied Materials & Interfaces, 2020, 12, 36873-36881.	4.0	28
33	Ansa-metallocene polymerization catalysts derived from [2+2]cycloaddition reactions of bis(1-methylethenyl-cyclopentadienyl)zirconium systems. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15333-15337.	3.3	26
34	Cycloisomerisierung von 1,5â€Eninen Ã¼ber eine 5â€endoâ€digâ€Cyclisierungsâ€Protodeborylierungsâ€Sequenz mit einem frustrierten Lewisâ€Paar als Katalysator. Angewandte Chemie, 2016, 128, 4408-4411.	1.6	23
35	[2.2]Paracyclophaneâ€Derived Planarâ€Chiral Hydrogenâ€Bond Receptors. Israel Journal of Chemistry, 2012, 52, 76-91.	1.0	21
36	Photogeneration of titanium(III) from titanium(IV) citrate in aqueous solution. Journal of Inorganic Biochemistry, 2006, 100, 1260-1264.	1.5	20

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37	Liquid crystalline dithienothiophene derivatives for organic electronics. Organic Electronics, 2018, 61, 266-275.	1.4	20
38	Insertion Reactions at Cyclobutylene-Bridged ansa-Metallocene Complexes:â€‰ A Quest for the Influence of Covering Phenylene Units. Organometallics, 2006, 25, 5333-5344.	1.1	19
39	Desymmetrization of 4,6-diprotected myo-inositol. Chemical Communications, 2013, 49, 7409.	2.2	18
40	Microwave-assisted FLP-catalyzed hydrogenations. Dalton Transactions, 2016, 45, 6124-6128.	1.6	18
41	Mixedâ€Valence Compounds as Polarizing Agents for Overhauser Dynamic Nuclear Polarization in Solids**. Angewandte Chemie - International Edition, 2021, 60, 15371-15375.	7.2	18
42	[2+2]-Cycloaddition and Subsequent meso/rac ansa-Metallocene Interconversion by Photolysis of a Bis(1,3-dialkenylcyclopentadienyl)zirconium Complex. Organometallics, 2006, 25, 3920-3925.	1.1	17
43	Heteroacene Synthesis through Câˆ'S Crossâ€Coupling/5â€endoâ€dig Cyclization. Chemistry - A European Journal, 2016, 22, 18559-18563.	1.7	16
44	Synthesis of Divinylsulfides. Synthesis, 2010, 2010, 947-952.	1.2	15
45	Monoâ€vs. Dinuclear Goldâ€Catalyzed Intermolecular Hydroamidation. European Journal of Organic Chemistry, 2014, 2014, 4515-4522.	1.2	15
46	Concise Synthesis of Dithiophene Derivatives by a Palladiumâ€Catalyzed Multiple Câ€“S Cross Coupling/Cyclization Sequence. Advanced Synthesis and Catalysis, 2016, 358, 3770-3776.	2.1	15
47	Doubleâ€Strand DNA Breaks Induced by Paracyclophane Gold(I) Complexes. Chemistry - A European Journal, 2017, 23, 6315-6322.	1.7	14
48	Unsymmetrical Bisphosphines for the Amidation of Aryl Chlorides: A Kinetic Study. European Journal of Organic Chemistry, 2014, 2014, 3637-3645.	1.2	10
49	Hydrogenation of Secondary Amides using Phosphane Oxide and Frustrated Lewis Pair Catalysis. Chemistry - A European Journal, 2021, 27, 14179-14183.	1.7	9
50	Development of Tartaric Acid Derived Hydrogen-Bond Donors. Synthesis, 2012, 44, 3209-3215.	1.2	8
51	Synthesis and photophysical properties of GemPhos noble metal complexes. Journal of Organometallic Chemistry, 2015, 795, 11-17.	0.8	7
52	Reduktion von Phosphanoxiden mit Oxalylchlorid und Wasserstoff, vermittelt durch ein elektrophiles Phosphoniumkation. Angewandte Chemie, 2018, 130, 15473-15476.	1.6	7
53	Perfluoroalkylated Main-Group Element Lewis Acids as Catalysts in Transfer Hydrogenation. European Journal of Inorganic Chemistry, 2017, 2017, 3053-3056.	1.0	7
54	Coupling of CO₂and epoxides catalysed by novelN-fused mesoionic carbene complexes of nickel(<scp>ii</scp>). Dalton Transactions, 2021, 50, 17361-17371.	1.6	7

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55	Impact of Heterocycle Annulation on NIR Absorbance in Quinoid Thioacene Derivatives. Chemistry - A European Journal, 2022, 28, .	1.7	7
56	Borane Catalyzed Redox Isomerization of 2â€Amino Chalcones: Hydride Abstraction or Hydride Migration?. European Journal of Organic Chemistry, 2021, 2021, 6334-6339.	1.2	6
57	Palladiumâ€Catalyzed Polycondensation for the Synthesis of Poly(Aryl)Sulfides. Macromolecular Rapid Communications, 2020, 41, e2000067.	2.0	5
58	Towards the development of FLP-catalyzed hydrogenations of tertiary and secondary carboxylic amides. Synthesis, 0, 0, .	1.2	5
59	Sigmatropic [1,5] Carbon Shift of Transient C3 Ammonium Enolates. Angewandte Chemie - International Edition, 2022, 61, .	7.2	5
60	Synthesis of Enantiopure Planar-Chiral Thiourea Derivatives. Synthesis, 2010, 2010, 3486-3492.	1.2	4
61	Paracyclophane Derivatives in Frustrated Lewis Pair Chemistry. Topics in Current Chemistry, 2012, 334, 81-100.	4.0	4
62	FLP-catalysis meets hydrogen-bond activation. Organic and Biomolecular Chemistry, 2020, 18, 7321-7325.	1.5	4
63	Gemischtvalente Verbindungen als polarisierende Mittel fÃ¼r die dynamische Kernâ€Overhauserâ€Polarisation in FestkÃ¶rpern**. Angewandte Chemie, 2021, 133, 15499-15503.	1.6	0
64	Improved organic thin-film transistor performance by dielectric layer patterning. , 2019, , .		0
65	Sigmatropic [1,5] carbon shift of transient C3 ammonium enolates. Angewandte Chemie, 0, , .	1.6	0
66	Titelbild: Sigmatrope [1,5]â€Kohlenstoffverschiebung transienter C3â€Ammoniumenolate (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock	1.6	0
67	Cover Picture: Sigmatropic [1,5] Carbon Shift of Transient C3 Ammonium Enolates (Angew. Chem. Int.) Tj ETQq1 1 0.784314 rgBT /O	7.2	0