

# Pedro J Perez

## List of Publications by Year in descending order

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208  
papers

11,002  
citations

26630

56  
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38395

95  
g-index

257  
all docs

257  
docs citations

257  
times ranked

7208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold nanoparticle-catalysed functionalization of carbon-hydrogen bonds by carbene transfer reactions. <i>Dalton Transactions</i> , 2022, 51, 5250-5256.	3.3	2
2	Mechanistic Studies on the Synthesis of Pyrrolidines and Piperidines via Copper-Catalyzed Intramolecular C-H Amination. <i>Organometallics</i> , 2022, 41, 1099-1105.	2.3	4
3	Selective Functionalization of Arene C(sp <sup>2</sup> )-H Bonds by Gold Catalysis: The Role of Carbene Substituents. <i>ACS Catalysis</i> , 2022, 12, 6851-6856.	11.2	7
4	Introducing the Catalytic Amination of Silanes via Nitrene Insertion. <i>Journal of the American Chemical Society</i> , 2022, 144, 10608-10614.	13.7	6
5	Direct Benzene Hydroxylation with Dioxygen Induced by Copper Complexes: Uncovering the Active Species by DFT Calculations. <i>Organometallics</i> , 2022, 41, 1892-1904.	2.3	4
6	Development of Molecular Complexity through Nitrene-Transfer Reactions Catalyzed by Copper and Silver Scorpionate Complexes. <i>Synlett</i> , 2021, 32, 763-774.	1.8	4
7	Recent Advances in Copper-Catalyzed Radical C-H Bond Activation Using N-F Reagents. <i>Synthesis</i> , 2021, 53, 51-64.	2.3	25
8	Graphene-Supported, Well-Defined Metal-Based Catalysts for C-H Bond Functionalization and Related Reactions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1740-1755.	4.3	4
9	Two Copper-Carbenes from One Diazo Compound. <i>Journal of the American Chemical Society</i> , 2021, 143, 4837-4843.	13.7	20
10	Metal-Catalyzed Postpolymerization Strategies for Polar Group Incorporation into Polyolefins Containing C=C, C•C, and Aromatic Rings. <i>Macromolecules</i> , 2021, 54, 4971-4985.	4.8	26
11	Copper-Catalyzed Dehydrogenative Amidation of Light Alkanes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18467-18471.	13.8	12
12	Copper-Catalyzed Dehydrogenative Amidation of Light Alkanes. <i>Angewandte Chemie</i> , 2021, 133, 18615-18619.	2.0	6
13	Heterogeneous Olefin Aziridination Reactions Catalyzed by Polymer-Bound Tris(triazolyl)methane Copper Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3727-3730.	2.0	3
14	Make It Green: Copper-Catalyzed Olefin Aziridination in Water with an Iminoiodonane. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 5091-5095.	2.0	4
15	The Tp x M Core in C-sp <sup>3</sup> -H Bond Functionalization Reactions: Comparing Carbene, Nitrene, and Oxo Insertion Processes (Tp x = Scorpionate Ligand; M = Cu, Ag). <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 879-885.	2.0	7
16	A Quantitative Model for Alkane Nucleophilicity Based on C-H Bond Structural/Topological Descriptors. <i>Angewandte Chemie</i> , 2020, 132, 3136-3140.	2.0	4
17	A Quantitative Model for Alkane Nucleophilicity Based on C-H Bond Structural/Topological Descriptors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3112-3116.	13.8	18
18	Copper-catalysed radical reactions of alkenes, alkynes and cyclopropanes with N-F reagents. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8757-8770.	2.8	14

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19	Aerobic intramolecular carbon-hydrogen bond oxidation promoted by Cu complexes. Dalton Transactions, 2020, 49, 14647-14655.	3.3	9
20	Gold Complexes with ADAP Ligands: Effect of Bulkiness in Catalytic Carbene Transfer Reactions (ADAP) Tj ETQq0 0.0,rgBT /Overlock 10	2.3	6
21	Pyrrole Functionalization by Copper-Catalyzed Nitrene Transfer Reactions. Israel Journal of Chemistry, 2020, 60, 485-489.	2.3	4
22	The Tp x M Core in C sp 3 -H Bond Functionalization Reactions: Comparing Carbene, Nitrene, and Oxo Insertion Processes (Tp x = Scorpionate Ligand; M = Cu, Ag). European Journal of Inorganic Chemistry, 2020, 2020, 869-869.	2.0	0
23	Intermolecular Allene Functionalization by Silver-Nitrene Catalysis. Journal of the American Chemical Society, 2020, 142, 13062-13071.	13.7	25
24	Copper-Catalyzed Selective Pyrrole Functionalization by Carbene Transfer Reaction. Advanced Synthesis and Catalysis, 2020, 362, 1998-2004.	4.3	11
25	Alkoxydiaminophosphine Ligands as Surrogates of NHCs in Copper Catalysis. Chemistry - A European Journal, 2020, 26, 10330-10335.	3.3	7
26	Methane functionalization in water with micellar catalysis. Chemical Communications, 2019, 55, 11243-11246.	4.1	11
27	Coinage metal complexes bearing fluorinated N-Heterocyclic carbene ligands. Journal of Organometallic Chemistry, 2019, 898, 120856.	1.8	10
28	Molybdenum and tungsten complexes with carbon dioxide and ethylene ligands. Chemical Science, 2019, 10, 8541-8546.	7.4	15
29	Ruthenium-Catalyzed Heck-Type Alkenylation of Alkyl Bromides. Journal of Organic Chemistry, 2019, 84, 8289-8296.	3.2	7
30	Group 11 tris(pyrazolyl)methane complexes: structural features and catalytic applications. Dalton Transactions, 2019, 48, 10772-10781.	3.3	15
31	Copper-Catalyzed N-F Bond Activation for Uniform Intramolecular C-H Amination Yielding Pyrrolidines and Piperidines. Angewandte Chemie - International Edition, 2019, 58, 8912-8916.	13.8	71
32	Trispyrazolylborate coinage metals complexes: Structural features and catalytic transformations. Coordination Chemistry Reviews, 2019, 390, 171-189.	18.8	40
33	Eine Kupfer-katalysierte N-F-Bindungsaktivierung für die einheitliche intramolekulare C-H-Aminierung zu Pyrrolidinen und Piperidinen. Angewandte Chemie, 2019, 131, 9004-9009.	2.0	13
34	<i>In My Element</i> : Copper. Chemistry - A European Journal, 2019, 25, 6650-6650.	3.3	0
35	Improving Catalyst Activity in Hydrocarbon Functionalization by Remote Pyrene-Graphene Stacking. Chemistry - A European Journal, 2019, 25, 9534-9539.	3.3	12
36	Gold-catalyzed ethylene cyclopropanation. Beilstein Journal of Organic Chemistry, 2019, 15, 67-71.	2.2	7

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37	Favoring Alkane Primary Carbon-Hydrogen Bond Functionalization in Supercritical Carbon Dioxide as Reaction Medium. ACS Sustainable Chemistry and Engineering, 2019, 7, 7346-7352.	6.7	5
38	Trispyrazolylborate Ligands Supported on Vinyl Addition Polynorbornenes and Their Copper Derivatives as Recyclable Catalysts. Chemistry - A European Journal, 2019, 25, 556-563.	3.3	9
39	Alkenyl Boronates: Synthesis and Applications. Chemistry - an Asian Journal, 2019, 14, 329-343.	3.3	159
40	Frontispiece: Enantio- and Diastereoselective Cyclopropanation of $\alpha$ -Alkenylboronates: Synthesis of $\beta$ -Boryl- $\gamma$ -Disubstituted Cyclopropanes. Angewandte Chemie - International Edition, 2018, 57, .	13.8	0
41	Enantio- and Diastereoselective Cyclopropanation of $\alpha$ -Alkenylboronates: Synthesis of $\beta$ -Boryl- $\gamma$ -Disubstituted Cyclopropanes. Angewandte Chemie, 2018, 130, 2358-2362.	2.0	12
42	Discrete Cu(I) complexes for azide-alkyne annulations of small molecules inside mammalian cells. Chemical Science, 2018, 9, 1947-1952.	7.4	47
43	Copper(I)-Arene Complexes with a Sterically Hindered Tris(pyrazolyl)borate Ligand. European Journal of Inorganic Chemistry, 2018, 2018, 2026-2030.	2.0	2
44	Mechanism of the Selective Fe-Catalyzed Arene Carbon-Hydrogen Bond Functionalization. ACS Catalysis, 2018, 8, 4313-4322.	11.2	32
45	Enantio- and Diastereoselective Cyclopropanation of $\alpha$ -Alkenylboronates: Synthesis of $\beta$ -Boryl- $\gamma$ -Disubstituted Cyclopropanes. Angewandte Chemie - International Edition, 2018, 57, 2334-2338.	13.8	48
46	Titelbild: Measuring the Relative Reactivity of the Carbon-Hydrogen Bonds of Alkanes as Nucleophiles (Angew. Chem. 42/2018). Angewandte Chemie, 2018, 130, 13885-13885.	2.0	0
47	Frontispiz: Enantio- and Diastereoselective Cyclopropanation of $\alpha$ -Alkenylboronates: Synthesis of $\beta$ -Boryl- $\gamma$ -Disubstituted Cyclopropanes. Angewandte Chemie, 2018, 130, .	2.0	0
48	Measuring the Relative Reactivity of the Carbon-Hydrogen Bonds of Alkanes as Nucleophiles. Angewandte Chemie, 2018, 130, 14044-14048.	2.0	12
49	Multigram Synthesis of Thallium Trispyrazolylborate Compounds. Synthesis, 2018, 50, 3333-3336.	2.3	2
50	Measuring the Relative Reactivity of the Carbon-Hydrogen Bonds of Alkanes as Nucleophiles. Angewandte Chemie - International Edition, 2018, 57, 13848-13852.	13.8	40
51	Catalytic Functionalization of C-H Bonds of Azulene by Carbene/Nitrene Incorporation. Journal of Organic Chemistry, 2018, 83, 11125-11132.	3.2	19
52	Functional-Group-Tolerant, Silver-Catalyzed N-N Bond Formation by Nitrene Transfer to Amines. Journal of the American Chemical Society, 2017, 139, 2216-2223.	13.7	62
53	The Elusive Palladium-Diazo Adduct Captured: Synthesis, Isolation and Structural Characterization of [(Ar)NHC(Ph) <sub>2</sub> ]Pd( $\eta$ -C <sub>6</sub> H <sub>5</sub> CO <sub>2</sub> Et) <sub>2</sub> . Chemistry - A European Journal, 2017, 23, 7667-7671.	3.3	9
54	Water as the Reaction Medium for Intermolecular C-H Alkane Functionalization in Micellar Catalysis. ACS Catalysis, 2017, 7, 3707-3711.	11.2	34

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55	Dimensioning the Term Carbenoid. Chemistry - A European Journal, 2017, 23, 14389-14393.	3.3	46
56	Triazolylidene- $\kappa$ -Iridium Complexes with a Pendant Pyridyl Group for Cooperative Metal-Ligand Induced Catalytic Dehydrogenation of Amines. Chemistry - A European Journal, 2017, 23, 8901-8911.	3.3	20
57	Frontispiece: Catalytic Nitrene Transfer To Alkynes: A Novel and Versatile Route for the Synthesis of Sulfinamides and Isothiazoles. Angewandte Chemie - International Edition, 2017, 56, .	13.8	0
58	Frontispiz: Catalytic Nitrene Transfer To Alkynes: A Novel and Versatile Route for the Synthesis of Sulfinamides and Isothiazoles. Angewandte Chemie, 2017, 129, .	2.0	0
59	A competing, dual mechanism for catalytic direct benzene hydroxylation from combined experimental-DFT studies. Chemical Science, 2017, 8, 8373-8383.	7.4	30
60	Frontispiece: Dimensioning the Term Carbenoid. Chemistry - A European Journal, 2017, 23, .	3.3	0
61	Alkane Carbon-Hydrogen Bond Functionalization as a Tool Toward a Steric Parameter for Hydrotris(pyrazolyl)borate (Tp <sup>x</sup> ) Ligands. Israel Journal of Chemistry, 2017, 57, 1047-1052.	2.3	2
62	Catalytic Nitrene Transfer To Alkynes: A Novel and Versatile Route for the Synthesis of Sulfinamides and Isothiazoles. Angewandte Chemie, 2017, 129, 13022-13027.	2.0	10
63	Catalytic Nitrene Transfer To Alkynes: A Novel and Versatile Route for the Synthesis of Sulfinamides and Isothiazoles. Angewandte Chemie - International Edition, 2017, 56, 12842-12847.	13.8	36
64	Mechanistic Studies on Gold-Catalyzed Direct Arene C-H Bond Functionalization by Carbene Insertion: The Coinage-Metal Effect. Organometallics, 2017, 36, 172-179.	2.3	52
65	Iron and Manganese Catalysts for the Selective Functionalization of Arene C(sp <sup>2</sup> )-H Bonds by Carbene Insertion. Angewandte Chemie - International Edition, 2016, 55, 6530-6534.	13.8	77
66	Iron and Manganese Catalysts for the Selective Functionalization of Arene C(sp <sup>2</sup> )-H Bonds by Carbene Insertion. Angewandte Chemie, 2016, 128, 6640-6644.	2.0	29
67	Homogeneous Metal-Based Catalysis in Supercritical Carbon Dioxide as Reaction Medium. ACS Catalysis, 2016, 6, 4265-4280.	11.2	48
68	Gold and diazo reagents: a fruitful tool for developing molecular complexity. Chemical Communications, 2016, 52, 7326-7335.	4.1	126
69	Synthesis and catalytic applications of 1,2,3-triazolylidene gold( $\kappa$ ) complexes in silver-free oxazoline syntheses and C-H bond activation. Dalton Transactions, 2016, 45, 14591-14602.	3.3	48
70	Copper-induced ammonia N-H functionalization. Dalton Transactions, 2016, 45, 14628-14633.	3.3	12
71	Direct Synthesis of Hemiaminal Ethers <i>via</i> a Three-Component Reaction of Aldehydes, Amines and Alcohols. Advanced Synthesis and Catalysis, 2015, 357, 2821-2826.	4.3	13
72	Functionalization of C <sub>n</sub> H <sub>2n+2</sub> Alkanes: Supercritical Carbon Dioxide Enhances the Reactivity towards Primary Carbon-Hydrogen Bonds. ChemCatChem, 2015, 7, 3254-3260.	3.7	23

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73	Copper $\pi$ -Carbene Intermediates in the Copper $\pi$ -Catalyzed Functionalization of O $\alpha$ -H Bonds. <i>Chemistry - A European Journal</i> , 2015, 21, 9769-9775.	3.3	48
74	Evidencing an inner-sphere mechanism for NHC-Au(I)-catalyzed carbene-transfer reactions from ethyl diazoacetate. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 2254-2260.	2.2	5
75	A fully recyclable heterogenized Cu catalyst for the general carbene transfer reaction in batch and flow. <i>Chemical Science</i> , 2015, 6, 1510-1515.	7.4	46
76	Catalyst design in the alkane C $\alpha$ -H bond functionalization of alkanes by carbene insertion with TpxM complexes (Tpx $\pi$ -hydrotrispyrazolylborate ligand; M $\pi$ =Cu, Ag). <i>Journal of Organometallic Chemistry</i> , 2015, 793, 108-113.	1.8	30
77	Copper-catalysed azide $\pi$ -alkyne cycloadditions (CuAAC): an update. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9528-9550.	2.8	436
78	Chiral, Sterically Demanding N-Heterocyclic Carbenes Fused into a Heterobiaryl Skeleton: Design, Synthesis, and Structural Analysis. <i>Organometallics</i> , 2015, 34, 1328-1338.	2.3	31
79	Discovering Copper for Methane C $\alpha$ -H Bond Functionalization. <i>ACS Catalysis</i> , 2015, 5, 3726-3730.	11.2	63
80	Catalytic functionalization of low reactive C(sp <sup>3</sup> ) $\pi$ -H and C(sp <sup>2</sup> ) $\pi$ -H bonds of alkanes and arenes by carbene transfer from diazo compounds. <i>Dalton Transactions</i> , 2015, 44, 20295-20307.	3.3	104
81	A computational view on the reactions of hydrocarbons with coinage metal complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 784, 2-12.	1.8	39
82	Catalytic Functionalization of Indoles by Copper $\pi$ -Mediated Carbene Transfer. <i>ChemCatChem</i> , 2014, 6, 2047-2052.	3.7	74
83	Reaction of Alkynes and Azides: Not Triazoles Through Copper $\pi$ -Acetylides but Oxazoles Through Copper $\pi$ -Nitrene Intermediates. <i>Chemistry - A European Journal</i> , 2014, 20, 3463-3474.	3.3	45
84	1,2,3-Triazoles from carbonyl azides and alkynes: filling the gap. <i>Chemical Communications</i> , 2014, 50, 8978.	4.1	30
85	Catalytic Copper-Mediated Ring Opening and Functionalization of Benzoxazoles. <i>ACS Catalysis</i> , 2014, 4, 4215-4222.	11.2	16
86	Syntheses of a Novel Fluorinated Trisphosphinoborate Ligand and Its Copper and Silver Complexes. Catalytic Activity toward Nitrene Transfer Reactions. <i>Inorganic Chemistry</i> , 2014, 53, 3991-3999.	4.0	26
87	Catalytic Functionalization of Methane and Light Alkanes in Supercritical Carbon Dioxide. <i>Chemistry - A European Journal</i> , 2014, 20, 11013-11018.	3.3	25
88	Silver $\pi$ -Catalyzed Functionalization of Esters by Carbene Transfer: The Role of Ylide Zwitterionic Intermediates. <i>ChemCatChem</i> , 2014, 6, 2206-2210.	3.7	22
89	Chemo-, Regio-, and Stereoselective Silver-Catalyzed Aziridination of Dienes: Scope, Mechanistic Studies, and Ring-Opening Reactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 5342-5350.	13.7	89
90	Synthesis, Structural Characterization, Reactivity, and Catalytic Properties of Copper(I) Complexes with a Series of Tetradentate Tripodal Tris(pyrazolylmethyl)amine Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 4192-4201.	4.0	32

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91	Catalytic cross-coupling of diazo compounds with coinage metal-based catalysts: an experimental and theoretical study. <i>Dalton Transactions</i> , 2013, 42, 4132.	3.3	57
92	Methane as raw material in synthetic chemistry: the final frontier. <i>Chemical Society Reviews</i> , 2013, 42, 8809.	38.1	262
93	Supercritical Carbon Dioxide: A Promoter of Carbon-Halogen Bond Heterolysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13298-13301.	13.8	11
94	A General Mechanism for the Copper- and Silver-Catalyzed Olefin Aziridination Reactions: Concomitant Involvement of the Singlet and Triplet Pathways. <i>Journal of the American Chemical Society</i> , 2013, 135, 1338-1348.	13.7	160
95	Functionalization of Non-activated C-H Bonds of Alkanes: An Effective and Recyclable Catalytic System Based on Fluorinated Silver Catalysts and Solvents. <i>Chemistry - A European Journal</i> , 2013, 19, 1327-1334.	3.3	35
96	Introducing Copper as Catalyst for Oxidative Alkane Dehydrogenation. <i>Journal of the American Chemical Society</i> , 2013, 135, 3887-3896.	13.7	89
97	Catalytic C-H amination of alkanes with sulfonimidamides: silver(I)-scorpionates vs. dirhodium(II) carboxylates. <i>Tetrahedron</i> , 2013, 69, 4488-4492.	1.9	43
98	Silver-catalyzed silicon-hydrogen bond functionalization by carbene insertion. <i>Dalton Transactions</i> , 2013, 42, 1191-1195.	3.3	25
99	An Effective Dual Copper-and Sulfide-Catalytic System for the Epoxidation of Aldehydes with Phenyldiazomethane. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2942-2951.	4.3	12
100	Introduction to the <i>Ennobling a Base Metal: Presenting Copper in Organometallic Chemistry</i> Issue. <i>Organometallics</i> , 2012, 31, 7631-7633.	2.3	19
101	Mild Catalytic Functionalization of Styrene-Butadiene Rubbers. <i>Macromolecules</i> , 2012, 45, 9267-9274.	4.8	14
102	Hydrotris(3-mesitylpyrazolyl)borato-copper(i) alkyne complexes: synthesis, structural characterization and rationalization of their activities as alkyne cyclopropanation catalysts. <i>Dalton Transactions</i> , 2012, 41, 5319.	3.3	22
103	[(PhBP <sub>3</sub> )Cu(PPh <sub>3</sub> )] as a Surrogate of Tp <sup>x</sup> CuI in Homogeneous Catalysis (PhBP <sub>3</sub> = PhB(CH <sub>2</sub> ) <sub>2</sub> PPh <sub>3</sub> ); Tp <sup>x</sup> = Tj ETQ <sub>3</sub> (1.0784314 g)	1.0	1
104	Copper-Catalyzed Nitrene Transfer as a Tool for the Synthesis of N-Substituted 1,2-Dihydro- and 1,2,3,4-Tetrahydropyridines. <i>Organometallics</i> , 2012, 31, 7839-7843.	2.3	20
105	Intramolecular cycloaddition of azomethine ylides, from imines of O-acylsalicylic aldehyde and ethyl diazoacetate, to ester carbonyl - experimental and DFT computational study. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5582.	2.8	17
106	Copper(I) Complexes with Trispyrazolylmethane Ligands: Synthesis, Characterization, and Catalytic Activity in Cross-Coupling Reactions. <i>Inorganic Chemistry</i> , 2012, 51, 8298-8306.	4.0	26
107	Cu(i)-catalyzed atom transfer radical cyclization of trichloroacetamides tethered to electron-deficient, -neutral, and -rich alkenes: synthesis of polyfunctionalized 2-azabicyclo[3.3.1]nonanes. <i>Chemical Communications</i> , 2012, 48, 8799.	4.1	31
108	Catalytic Hydrocarbon Functionalization with Gold Complexes Containing N-Heterocyclic Carbene Ligands with Pendant Donor Groups. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1380-1386.	2.0	32

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109	Polynuclear Copper(I) Complexes with Chelating Bis- and Tris- <i>N</i> -Heterocyclic Carbene Ligands: Catalytic Activity in Nitrene and Carbene Transfer Reactions. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1367-1372.	2.4	49
110	Direct, copper-catalyzed oxidation of aromatic C-H bonds with hydrogen peroxide under acid-free conditions. <i>Chemical Communications</i> , 2011, 47, 8154.	4.1	68
111	Mechanistic and Computational Studies of the Atom Transfer Radical Addition of CCl <sub>4</sub> to Styrene Catalyzed by Copper Homoscorpionate Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 2458-2467.	4.0	36
112	Exclusive Aromatic vs Aliphatic C-H Bond Functionalization by Carbene Insertion with Gold-Based Catalysts. <i>Organometallics</i> , 2011, 30, 2855-2860.	2.3	115
113	Regioselective Formation of 2,5-Disubstituted Oxazoles Via Copper(I)-Catalyzed Cycloaddition of Acyl Azides and 1-Alkynes. <i>Journal of the American Chemical Society</i> , 2011, 133, 191-193.	13.7	146
114	Gold-catalyzed naphthalene functionalization. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 653-657.	2.2	37
115	Mechanism of Side Reactions in Alkane C-H Bond Functionalization by Diazo Compounds Catalyzed by Ag and Cu Homoscorpionate Complexes—A DFT Study. <i>ChemCatChem</i> , 2011, 3, 1646-1652.	3.7	47
116	Intermetallic coinage metal-catalyzed functionalization of alkanes with ethyl diazoacetate: Gold as a ligand. <i>Inorganica Chimica Acta</i> , 2011, 369, 146-149.	2.4	14
117	Atom Transfer Radical Reactions as a Tool for Olefin Functionalization — On the Way to Practical Applications. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 3155-3164.	2.0	113
118	Silver-Catalyzed C-C Bond Formation Between Methane and Ethyl Diazoacetate in Supercritical CO <sub>2</sub> . <i>Science</i> , 2011, 332, 835-838.	12.6	228
119	Efficient Silver-Catalyzed Regio- and Stereospecific Aziridination of Dienes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7092-7095.	13.8	86
120	Catalytic cyclopropanation of polybutadienes. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4439-4444.	2.3	17
121	Copper(I)-Olefin Complexes: The Effect of the Trispyrazolylborate Ancillary Ligand in Structure and Reactivity. <i>Organometallics</i> , 2010, 29, 3481-3489.	2.3	32
122	An Efficient, Selective, and Reducing Agent-Free Copper Catalyst for the Atom-Transfer Radical Addition of Halo Compounds to Activated Olefins. <i>Inorganic Chemistry</i> , 2010, 49, 642-645.	4.0	36
123	Efficient Atom-Transfer Radical Polymerization of Methacrylates Catalyzed by Neutral Copper Complexes. <i>Macromolecules</i> , 2010, 43, 3221-3227.	4.8	13
124	Copper(I) complexes as catalysts for the synthesis of <i>N</i> -sulfonyl-1,2,3-triazoles from <i>N</i> -sulfonylazides and alkynes. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 536-538.	2.8	54
125	Selective Synthesis of <i>N</i> -Substituted 1,2-Dihydropyridines from Furans by Copper-Induced Concurrent Tandem Catalysis. <i>Journal of the American Chemical Society</i> , 2010, 132, 4600-4607.	13.7	66
126	Metal-Catalyzed Olefin Cyclopropanation with Ethyl Diazoacetate: Control of the Diastereoselectivity. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1137-1144.	2.0	82



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127	Hydrotrispyrazolylborate-copper complexes as catalysts for the styrene cyclopropanation reaction with ethyl diazoacetate under homogeneous and heterogeneous conditions. <i>Inorganica Chimica Acta</i> , 2009, 362, 4599-4602.	2.4	7
128	Gold-catalyzed olefin cyclopropanation. <i>Tetrahedron</i> , 2009, 65, 1790-1793.	1.9	108
129	Rediscovering copper-based catalysts for intramolecular carbon-hydrogen bond functionalization by carbene insertion. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4777.	2.8	24
130	The Mechanism of the Catalytic Functionalization of Haloalkanes by Carbene Insertion: An Experimental and Theoretical Study. <i>Organometallics</i> , 2009, 28, 5968-5981.	2.3	49
131	Dinuclear Copper(I) Complexes as Precatalysts in Ullmann and Goldberg Coupling Reactions. <i>Organometallics</i> , 2009, 28, 3815-3821.	2.3	50
132	Asymmetric $\beta$ -Boration of $\alpha,\beta$ -Unsaturated Esters with Chiral (NHC)Cu Catalysts. <i>Organometallics</i> , 2009, 28, 659-662.	2.3	201
133	Highly active gold-based catalyst for the reaction of benzaldehyde with ethyl diazoacetate. <i>Chemical Communications</i> , 2009, , 5153.	4.1	31
134	Nitrene transfer reactions catalysed by copper(I) complexes in ionic liquid using chloramine-T. <i>Dalton Transactions</i> , 2009, , 730-734.	3.3	18
135	Copper-Catalyzed Synthesis of 1,2-Disubstituted Cyclopentanes from 1,6-Dienes by Ring-Closing Kharasch Addition of Carbon Tetrachloride. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2365-2372.	4.3	55
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