Jan-E BÃ¤ckvall

List of Publications by Year
in descending order

374 papers	24,078 citations	8159 76 h-index	13727 129 g-index
419 all docs	419 docs citations	419 times ranked	11626 citing authors

#	Article	IF	Citations
1	Efficient Heterogeneous Copper-Catalyzed Alder-Ene Reaction of Allenynamides to Pyrrolines. ACS Catalysis, 2022, 12, 1791-1796.	5.5	9
2	Iron-catalyzed cross-couplings of propargylic substrates with Grignard reagents. Journal of Organometallic Chemistry, 2022, 964, 122304.	0.8	3
3	Aminoâ€Supported Palladium Catalyst for Chemoâ€•and Stereoselective Domino Reactions. Angewandte Chemie, 2021, 133, 680-684.	1.6	3
4	Aminoâ€Supported Palladium Catalyst for Chemoâ€•and Stereoselective Domino Reactions. Angewandte Chemie - International Edition, 2021, 60, 670-674.	7.2	17
5	Investigation of the Deactivation and Reactivation Mechanism of a Heterogeneous Palladium(II) Catalyst in the Cycloisomerization of Acetylenic Acids by In Situ XASâ€¯. ACS Catalysis, 2021, 11, 2999-3008.	5.5	6
6	Efficient Aerobic Oxidation of Organic Molecules by Multistep Electron Transfer. Angewandte Chemie - International Edition, 2021, 60, 15686-15704.	7.2	45
7	Efficient Aerobic Oxidation of Organic Molecules by Multistep Electron Transfer. Angewandte Chemie, 2021, 133, 15818-15836.	1.6	8
8	Recent Advances in Enantioselective Pd-Catalyzed Allylic Substitution: From Design to Applications. Chemical Reviews, 2021, 121, 4373-4505.	23.0	302
9	Efficient Heterogeneous Palladium Catalysts in Oxidative Cascade Reactions. Accounts of Chemical Research, 2021, 54, 2275-2286.	7.6	36
10	Iron(II)â€Catalyzed Aerobic Biomimetic Oxidation of Amines using a Hybrid Hydroquinone/Cobalt Catalyst as Electron Transfer Mediator. Angewandte Chemie, 2021, 133, 11925-11929.	1.6	2
11	Iron(II)â€Catalyzed Aerobic Biomimetic Oxidation of Amines using a Hybrid Hydroquinone/Cobalt Catalyst as Electron Transfer Mediator. Angewandte Chemie - International Edition, 2021, 60, 11819-11823.	7.2	13
12	Aerobic Heterogeneous Palladium-Catalyzed Oxidative Allenic Cî—¸H Arylation: Benzoquinone as a Direct Redox Mediator between O ₂ and Pd. CCS Chemistry, 2021, 3, 1127-1137.	4.6	6
13	Chemoenzymatic Dynamic Kinetic Asymmetric Transformations of Î²â€Hydroxyketones. Chemistry - A European Journal, 2021, 27, 15623-15627.	1.7	4
14	Ironâ€Catalyzed Crossâ€Coupling of Propargyl Ethers with Grignard Reagents for the Synthesis of Functionalized Allenes and Allenols. Angewandte Chemie, 2021, 133, 22352-22357.	1.6	1
15	Ironâ€Catalyzed Crossâ€Coupling of Propargyl Ethers with Grignard Reagents for the Synthesis of Functionalized Allenes and Allenols. Angewandte Chemie - International Edition, 2021, 60, 22178-22183.	7.2	38
16	Iron(II)â€Catalyzed Aerobic Biomimetic Oxidation of Nâ€Heterocycles. Chemistry - A European Journal, 2021, 27, 13725-13729.	1.7	7
17	Artificial plant cell walls as multi-catalyst systems for enzymatic cooperative asymmetric catalysis in non-aqueous media. Chemical Communications, 2021, 57, 8814-8817.	2.2	11
18	Metal-catalyzed biomimetic aerobic oxidation of organic substrates. Advances in Catalysis, 2021, 69, 1-57.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Efficient Heterogeneous Palladiumâ€Catalyzed Oxidative Cascade Reactions of Enallenols to Furan and Oxaborole Derivatives. Angewandte Chemie - International Edition, 2020, 59, 1992-1996.	7.2	24
20	Highly Diastereoselective Palladium-Catalyzed Oxidative Cascade Carbonylative Carbocyclization of Enallenols. Organic Letters, 2020, 22, 417-421.	2.4	8
21	Palladium-catalyzed oxidative dehydrogenative carbonylation reactions using carbon monoxide and mechanistic overviews. Chemical Society Reviews, 2020, 49, 341-353.	18.7	85
22	Efficient Heterogeneous Palladiumâ€Catalyzed Oxidative Cascade Reactions of Enallenols to Furan and Oxaborole Derivatives. Angewandte Chemie, 2020, 132, 2008-2012.	1.6	10
23	Efficient Palladiumâ€Catalyzed Aerobic Oxidative Carbocyclization to Sevenâ€Membered Heterocycles. Chemistry - A European Journal, 2020, 26, 15513-15518.	1.7	12
24	Nanocatalysis Meets Biology. Topics in Organometallic Chemistry, 2020, , 243-278.	0.7	0
25	On the Use of Iron in Organic Chemistry. Molecules, 2020, 25, 1349.	1.7	35
26	Synthesis of Cross-Conjugated Polyenes via Palladium-Catalyzed Oxidative Câ€“C Bond Forming Cascade Reactions of Allenes. Journal of Organic Chemistry, 2020, 85, 5428-5437.	1.7	7
27	Efficient Stereoselective Carbocyclization to cis-1,4-Disubstituted Heterocycles Enabled by Dual Pd/Electron Transfer Mediator (ETM) Catalysis. Journal of the American Chemical Society, 2020, 142, 5751-5759.	6.6	21
28	Silverâ€Triggered Activity of a Heterogeneous Palladium Catalyst in Oxidative Carbonylation Reactions. Angewandte Chemie - International Edition, 2020, 59, 10391-10395.	7.2	25
29	Silverâ€Triggered Activity of a Heterogeneous Palladium Catalyst in Oxidative Carbonylation Reactions. Angewandte Chemie, 2020, 132, 10477-10481.	1.6	10
30	In Situ Structural Determination of a Homogeneous Ruthenium Racemization Catalyst and Its Activated Intermediates Using Xâ€Ray Absorption Spectroscopy. Chemistry - A European Journal, 2020, 26, 3411-3419.	1.7	10
31	Iron(II)â€Catalyzed Biomimetic Aerobic Oxidation of Alcohols. Angewandte Chemie - International Edition, 2020, 59, 5403-5406.	7.2	35
32	Iron(II)â€Catalyzed Biomimetic Aerobic Oxidation of Alcohols. Angewandte Chemie, 2020, 132, 5441-5444.	1.6	19
33	An Efficient Approach to Regioâ€and Stereodefined Fullyâ€Substituted Alkenylsilanes by Pdâ€Catalyzed Allenic C(sp 3)â"H Oxidation. Chemistry - A European Journal, 2019, 25, 11566-11573.	1.7	3
34	Transesterification of a Tertiary Alcohol by Engineered Candida antarctica Lipaseâ€...A. ChemBioChem, 2019, 20, 1438-1443.	1.3	13
35	Diastereoselective Synthesis of N-Protected 2,3-Dihydropyrroles via Iron-Catalyzed Cycloisomerization of Î±-Allenic Sulfonamides. ACS Catalysis, 2019, 9, 1733-1737.	5.5	26
36	Chemoenzymatic Dynamic Kinetic Resolution of Primary Benzylic Amines using Pd⁰â€CalB CLEA as a Biohybrid Catalyst. Chemistry - A European Journal, 2019, 25, 9174-9179.	1.7	35

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37	Palladium-Catalyzed Stereospecific Oxidative Cascade Reaction of Allenes for the Construction of Pyrrole Rings: Control of Reactivity and Selectivity. ACS Catalysis, 2019, 9, 5184-5190.	5.5	31
38	Efficient 1,3â€Oxazolidinâ€2â€one Synthesis through Heterogeneous Pd^{II}â€Catalyzed Intramolecular Hydroamination of Propargylic Carbamates. Chemistry - A European Journal, 2019, 25, 6295-6299.	1.7	7
39	Diastereoselective Cyclobutenol Synthesis: A Heterogeneous Palladiumâ€Catalyzed Oxidative Carbocyclizationâ€Borylation of Enallenols. Chemistry - A European Journal, 2019, 25, 210-215.	1.7	26
40	Highly Diastereoselective Palladium-Catalyzed Oxidative Carbocyclization of Enallenes Assisted by a Weakly Coordinating Hydroxyl Group. Journal of the American Chemical Society, 2018, 140, 3210-3214.	6.6	23
41	Mechanistic Insight into Enantioselective Palladiumâ€Catalyzed Oxidative Carbocyclizationâ€“Borylation of Enallenes. Chemistry - A European Journal, 2018, 24, 2433-2439.	1.7	11
42	Efficient Formation of 2,3-Dihydrofurans via Iron-Catalyzed Cycloisomerization of Î±-Allenols. ACS Catalysis, 2018, 8, 12-16.	5.5	42
43	Kinetics and Mechanism of the Palladium-Catalyzed Oxidative Arylating Carbocyclization of Allenynes. Journal of the American Chemical Society, 2018, 140, 298-309.	6.6	23
44	Heterogeneous Acidâ€Catalyzed Racemization of Tertiary Alcohols. Chemistry - A European Journal, 2018, 24, 77-80.	1.7	15
45	Efficient Palladiumâ€Catalyzed Aerobic Arylative Carbocyclization of Enallenynes. Angewandte Chemie, 2018, 130, 17084-17088.	1.6	18
46	Highly Selective Palladium-Catalyzed Hydroborylative Carbocyclization of Bisallenes to Seven-Membered Rings. Journal of the American Chemical Society, 2018, 140, 14324-14333.	6.6	38
47	Efficient Palladiumâ€Catalyzed Aerobic Arylative Carbocyclization of Enallenynes. Angewandte Chemie - International Edition, 2018, 57, 16842-16846.	7.2	29
48	Chemodivergent and Diastereoselective Synthesis of Î³-Lactones and Î³-Lactams: A Heterogeneous Palladium-Catalyzed Oxidative Tandem Process. Journal of the American Chemical Society, 2018, 140, 14604-14608.	6.6	64
49	Control of Selectivity in Palladium(II)-Catalyzed Oxidative Transformations of Allenes. Accounts of Chemical Research, 2018, 51, 1520-1531.	7.6	156
50	Selective Cascade Reaction of Bisallenes via Palladiumâ€Catalyzed Aerobic Oxidative Carbocyclizationâ€“Borylation and Aldehyde Trapping. Angewandte Chemie, 2017, 129, 1612-1616.	1.6	13
51	Selective Cascade Reaction of Bisallenes via Palladiumâ€Catalyzed Aerobic Oxidative Carbocyclizationâ€“Borylation and Aldehyde Trapping. Angewandte Chemie - International Edition, 2017, 56, 1590-1594.	7.2	34
52	Design of a Pd(0)-CalB CLEA Biohybrid Catalyst and Its Application in a One-Pot Cascade Reaction. ACS Catalysis, 2017, 7, 1601-1605.	5.5	64
53	Palladiumâ€Catalyzed Oxidative Cascade Carbonylative Spirolactonization of Enallenols. Angewandte Chemie, 2017, 129, 3269-3273.	1.6	10
54	Palladiumâ€Catalyzed Oxidative Cascade Carbonylative Spirolactonization of Enallenols. Angewandte Chemie - International Edition, 2017, 56, 3221-3225.	7.2	40

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55	Highly Selective Olefinâ€Assisted Pd^{II}â€Catalyzed Oxidative Alkynylation of Enallenes. Chemistry - A European Journal, 2017, 23, 7896-7899.	1.7	11
56	Water oxidation mediated by ruthenium oxide nanoparticles supported on siliceous mesocellular foam. Catalysis Science and Technology, 2017, 7, 293-299.	2.1	13
57	Enantioselective Palladiumâ€Catalyzed Carbonylative Carbocyclization of Enallenes via Crossâ€Dehydrogenative Coupling with Terminal Alkynes: Efficient Construction of Î±â€Chirality of Ketones. Angewandte Chemie - International Edition, 2017, 56, 4535-4539.	7.2	43
58	Enantioselective Palladiumâ€Catalyzed Carbonylative Carbocyclization of Enallenes via Crossâ€Dehydrogenative Coupling with Terminal Alkynes: Efficient Construction of Î±â€Chirality of Ketones. Angewandte Chemie, 2017, 129, 4606-4610.	1.6	16
59	Chemoenzymatic Dynamic Kinetic Resolution of Secondary Alcohols Using an Airâ€•and Moistureâ€Stable Iron Racemization Catalyst. Chemistry - A European Journal, 2017, 23, 1048-1051.	1.7	44
60	Synthesis of Benzofurans and Indoles from Terminal Alkynes and Iodoaromatics Catalyzed by Recyclable Palladium Nanoparticles Immobilized on Siliceous Mesocellular Foam. Chemistry - A European Journal, 2017, 23, 12886-12891.	1.7	33
61	Selective Palladiumâ€Catalyzed Allenic Câ^'H Bond Oxidation for the Synthesis of [3]Dendralenes. Angewandte Chemie - International Edition, 2017, 56, 13112-13116.	7.2	29
62	Selective Palladiumâ€Catalyzed Allenic Câ^'H Bond Oxidation for the Synthesis of [3]Dendralenes. Angewandte Chemie, 2017, 129, 13292-13296.	1.6	13
63	Highly selective olefin-assisted palladium-catalyzed oxidative carbocyclization via remote olefin insertion. Chemical Science, 2017, 8, 616-620.	3.7	41
64	New Concepts for Increasing the Efficiency in Directed Evolution of Stereoselective Enzymes. Chemistry - A European Journal, 2016, 22, 5046-5054.	1.7	74
65	Evaluation of Fe and Ru Pincerâ€Type Complexes as Catalysts for the Racemization of Secondary Benzylic Alcohols. Chemistry - A European Journal, 2016, 22, 11583-11586.	1.7	12
66	Application of Pd Nanoparticles Supported on Mesoporous Hollow Silica Nanospheres for the Efficient and Selective Semihydrogenation of Alkynes. ChemCatChem, 2016, 8, 773-778.	1.8	30
67	Palladiumâ€Catalyzed Oxidative Carbocyclizationâ€"Borylation of Enallenes to Cyclobutenes. Angewandte Chemie, 2016, 128, 6630-6634.	1.6	27
68	Removing the Activeâ€Site Flap in Lipaseâ€...A from Candida antarctica Produces a Functional Enzyme without Interfacial Activation. ChemBioChem, 2016, 17, 141-145.	1.3	21
69	Ironâ€catalyzed Crossâ€Coupling of Propargyl Carboxylates and Grignard Reagents: Synthesis of Substituted Allenes. Angewandte Chemie, 2016, 128, 3798-3802.	1.6	22
70	Highly Selective Construction of Sevenâ€Membered Carbocycles by Olefinâ€Assisted Palladiumâ€Catalyzed Oxidative Carbocyclizationâ€"Alkoxycarbonylation of Bisallenes. Angewandte Chemie - International Edition, 2016, 55, 14405-14408.	7.2	53
71	A Synthesis of Substituted Î±-Allenols via Iron-Catalyzed Cross-Coupling of Propargyl Carboxylates with Grignard Reagents. ACS Catalysis, 2016, 6, 7448-7451.	5.5	37
72	Highly Efficient Cascade Reaction for Selective Formation of Spirocyclobutenes from Dienallenes via Palladium-Catalyzed Oxidative Double Carbocyclizationâ€"Carbonylationâ€"Alkynylation. Journal of the American Chemical Society, 2016, 138, 13846-13849.	6.6	49

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73	Palladium-Catalyzed Oxidative Domino Carbocyclizationâ€“Arylation of Bisallenes. ACS Catalysis, 2016, 6, 6398-6402.	5.5	26
74	Highly Selective Construction of Sevenâ€Membered Carbocycles by Olefinâ€Assisted Palladiumâ€Catalyzed Oxidative Carbocyclizationâ€“Alkoxycarbonylation of Bisallenes. Angewandte Chemie, 2016, 128, 14617-14620.	1.6	24
75	Palladiumâ€Catalyzed Oxidative Synthesis of Î±â€Acetoxylated Enones from Alkynes. Angewandte Chemie, 2016, 128, 5918-5922.	1.6	3
76	Enzymeâ€•and Rutheniumâ€Catalyzed Enantioselective Transformation of Î±â€Allenic Alcohols into 2,3â€Dihydrofurans. Angewandte Chemie, 2016, 128, 5658-5662.	1.6	15
77	Palladiumâ€Catalyzed Oxidative Carbocyclizationâ€“Borylation of Enallenes to Cyclobutenes. Angewandte Chemie - International Edition, 2016, 55, 6520-6524.	7.2	66
78	Mild and Selective Catalytic Hydrogenation of the C=C Bond in Î±,Î²â€Unsaturated Carbonyl Compounds Using Supported Palladium Nanoparticles. Chemistry - A European Journal, 2016, 22, 7184-7189.	1.7	37
79	Palladiumâ€Catalyzed Oxidative Synthesis of Î±â€Acetoxylated Enones from Alkynes. Angewandte Chemie - International Edition, 2016, 55, 5824-5828.	7.2	21
80	Olefinâ€Directed Palladiumâ€Catalyzed Regioâ€•and Stereoselective Hydroboration of Allenes. Chemistry - A European Journal, 2016, 22, 2939-2943.	1.7	45
81	Enzymeâ€•and Rutheniumâ€Catalyzed Enantioselective Transformation of Î±â€Allenic Alcohols into 2,3â€Dihydrofurans. Angewandte Chemie - International Edition, 2016, 55, 5568-5572.	7.2	46
82	Ironâ€catalyzed Crossâ€Coupling of Propargyl Carboxylates and Grignard Reagents: Synthesis of Substituted Allenes. Angewandte Chemie - International Edition, 2016, 55, 3734-3738.	7.2	82
83	Nanopalladium-catalyzed conjugate reduction of Michael acceptors â€“ application in flow. Green Chemistry, 2016, 18, 2632-2637.	4.6	11
84	Olefinâ€Directed Palladiumâ€Catalyzed Regioâ€•and Stereoselective Oxidative Arylation of Allenes. Angewandte Chemie - International Edition, 2015, 54, 9066-9069.	7.2	72
85	Artificial Metalloenzymes in Asymmetric Catalysis: Key Developments and Future Directions. Advanced Synthesis and Catalysis, 2015, 357, 1567-1586.	2.1	67
86	Combinatorial Library Based Engineering of Candida antarctica Lipaseâ€…A for Enantioselective Transacylation of secâ€Alcohols in Organic Solvent. Angewandte Chemie - International Edition, 2015, 54, 4284-4288.	7.2	40
87	Preparation of Tetrasubstituted Olefins Using Mono or Double Aerobic Direct Câ€“H Functionalization Strategies: Importance of Steric Effects. Journal of Organic Chemistry, 2015, 80, 2796-2803.	1.7	29
88	Mild Deoxygenation of Aromatic Ketones and Aldehydes over Pd/C Using Polymethylhydrosiloxane as the Reducing Agent. Angewandte Chemie - International Edition, 2015, 54, 5122-5126.	7.2	80
89	Dispersed Gold Nanoparticles Supported in the Pores of Siliceous Mesocellular Foam: A Catalyst for Cycloisomerization of Alkynoic Acids to Î³â€Alkylidene Lactones. European Journal of Organic Chemistry, 2015, 2015, 2250-2255.	1.2	12
90	Palladium(II)-Catalyzed Tandem Oxidative Acetoxylation/ortho Câ€“H Activation/Carbocyclization of Arylallenes. Journal of the American Chemical Society, 2015, 137, 9559-9562.	6.6	39

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91	Chemoenzymatic Dynamic Kinetic Resolution: A Powerful Tool for the Preparation of Enantiomerically Pure Alcohols and Amines. Journal of the American Chemical Society, 2015, 137, 3996-4009.	6.6	324
92	Palladium(II)/BrÃ¸nsted Acidâ€Catalyzed Enantioselective Oxidative Carbocyclizationâ€“Borylation of Enallenes. Angewandte Chemie - International Edition, 2015, 54, 6024-6027.	7.2	72
93	Wellâ€Defined Palladium Nanoparticles Supported on Siliceous Mesocellular Foam as Heterogeneous Catalysts for the Oxidation of Water. Chemistry - A European Journal, 2015, 21, 5909-5915.	1.7	15
94	Racemization of Olefinic Alcohols by a Carbonyl(cyclopentadienyl)ruthenium Complex: Inhibition by the Carbonâ€“Carbon Double Bond. European Journal of Organic Chemistry, 2015, 2015, 2388-2393.	1.2	1
95	Highly Selective Cascade Câ€“C Bond Formation via Palladium- Catalyzed Oxidative Carbonylationâ€“Carbocyclizationâ€“Carbonylationâ€“Alkynylation of Enallenes. Journal of the American Chemical Society, 2015, 137, 11868-11871.	6.6	83
96	The syn/antiâ€Dichotomy in the Palladiumâ€Catalyzed Addition of Nucleophiles to Alkenes. Chemistry - A European Journal, 2015, 21, 36-56.	1.7	112
97	Mesoporous silica nanoparticles applied as a support for Pd and Au nanocatalysts in cycloisomerization reactions. APL Materials, 2014, 2, 113316.	2.2	20
98	Investigation of the Impact of Water on the Enantioselectivity Displayed by CALB in the Kinetic Resolution of Î²â€Functionalized Alkanâ€2â€ol Derivatives. Chemistry - A European Journal, 2014, 20, 13517-13521.	1.7	12
99	Epimerization of Glycal Derivatives by a Cyclopentadienylruthenium Catalyst: Application to Metalloenzymatic DYKAT. Chemistry - A European Journal, 2014, 20, 14756-14762.	1.7	4
100	Aerobic Double Dehydrogenative Cross Coupling between Cyclic Saturated Ketones and Simple Arenes. Chemistry - A European Journal, 2014, 20, 5890-5894.	1.7	33
101	Efficient Palladiumâ€Catalyzed Aminocarbonylation of Aryl Iodides Using Palladium Nanoparticles Dispersed on Siliceous Mesocellular Foam. Chemistry - A European Journal, 2014, 20, 5885-5889.	1.7	36
102	Cycloisomerization of Acetylenic Acids to Î³-Alkylidene Lactones using a Palladium(II) Catalyst Supported on Amino-Functionalized Siliceous Mesocellular Foam. Journal of Organic Chemistry, 2014, 79, 1399-1405.	1.7	33
103	Mild and Selective Hydrogenation of Nitro Compounds using Palladium Nanoparticles Supported on Aminoâ€Functionalized Mesocellular Foam. ChemCatChem, 2014, 6, 3153-3159.	1.8	55
104	Migratory Dynamic Kinetic Resolution of Carbocyclic Allylic Alcohols. Organic Letters, 2014, 16, 5952-5955.	2.4	16
105	Transition metal-catalyzed redox isomerization of codeine and morphine in water. RSC Advances, 2014, 4, 39519-39522.	1.7	17
106	Palladium-Catalyzed Oxidative Domino Carbocyclizationâ€“Carbonylationâ€“Alkynylation of Enallenes. Organic Letters, 2014, 16, 4174-4177.	2.4	45
107	Câ€2 Selective Arylation of Indoles with Heterogeneous Nanopalladium and Diaryliodonium Salts. Chemistry - A European Journal, 2014, 20, 13531-13535.	1.7	63
108	Palladiumâ€Catalyzed Oxidative Arylating Carbocyclization of Allenynes: Control of Selectivity and Role of H₂O. Angewandte Chemie - International Edition, 2014, 53, 8696-8699.	7.2	35

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109	Aerobic Direct Câ€“H Arylation of Nonbiased Olefins. Organic Letters, 2014, 16, 4432-4435.	2.4	43
110	Nanopalladium on Aminoâ€Functionalized Mesocellular Foam as an Efficient and Recyclable Catalyst for the Selective Transfer Hydrogenation of Nitroarenes to Anilines. ChemCatChem, 2014, 6, 205-211.	1.8	35
111	Palladium-Catalyzed Intramolecular Hydroamination of Propargylic Carbamates and Carbamothioates. Organic Letters, 2014, 16, 1434-1437.	2.4	48
112	Access to Cinnamyl Derivatives from Arenes and Allyl Esters by a Biomimetic Aerobic Oxidative Dehydrogenative Coupling. Organic Letters, 2014, 16, 1664-1667.	2.4	47
113	Palladium-Catalyzed Oxidative Carbocyclization-Carbonylation of Allenynes and Enallenes. Chemistry - A European Journal, 2014, 20, 7608-7612.	1.7	36
114	A General Suzuki Cross-Coupling Reaction of Heteroaromatics Catalyzed by Nanopalladium on Amino-Functionalized Siliceous Mesocellular Foam. Journal of Organic Chemistry, 2014, 79, 3946-3954.	1.7	31
115	Chemoenzymatic Dynamic Kinetic Resolution of Primary Amines Using a Recyclable Palladium Nanoparticle Catalyst Together with Lipases. Journal of Organic Chemistry, 2014, 79, 3747-3751.	1.7	54
116	A computational study of the CO dissociation in cyclopentadienyl ruthenium complexes relevant to the racemization of alcohols. Dalton Transactions, 2013, 42, 927-934.	1.6	19
117	Synthesis of Conjugated Dienes via a Biomimetic Aerobic Oxidative Coupling of Two C_{vinyl}ï£¿H Bonds. Chemistry - A European Journal, 2013, 19, 10799-10803.	1.7	74
118	Scalable Synthesis of Oxazolones from Propargylic Alcohols through Multistep Palladium(II) Catalysis: Î²â€Selective Oxidative Heck Coupling of Cyclic Sulfonyl Enamides and Aryl Boroxines. Angewandte Chemie - International Edition, 2013, 52, 13745-13750.	7.2	27
119	Coâ€immobilization of an Enzyme and a Metal into the Compartments of Mesoporous Silica for Cooperative Tandem Catalysis: An Artificial Metalloenzyme. Angewandte Chemie - International Edition, 2013, 52, 14006-14010.	7.2	196
120	Enzyme- and Ruthenium-Catalyzed Dynamic Kinetic Resolution of Functionalized Cyclic Allylic Alcohols. Journal of Organic Chemistry, 2013, 78, 12114-12120.	1.7	27
121	Dynamic Kinetic Resolution of Homoallylic Alcohols: Application to the Synthesis of Enantiomerically Pure 5,6â€Dihydropyranâ€2â€ones and Îâ€Lactones. Chemistry - A European Journal, 2013, 19, 13859-13864.	1.7	35
122	Palladiumâ€Catalyzed Oxidative Acyloxylation/Carbocyclization of Allenynes. Angewandte Chemie - International Edition, 2013, 52, 3217-3221.	7.2	51
123	Aerobic Oxidative Coupling of Arenes and Olefins through a Biomimetic Approach. Chemistry - A European Journal, 2013, 19, 4140-4145.	1.7	61
124	Performance of a biomimetic oxidation catalyst immobilized on silica particles. Journal of Catalysis, 2013, 303, 16-21.	3.1	9
125	Mechanistic Aspects on Cyclopentadienylruthenium Complexes in Catalytic Racemization of Alcohols. Accounts of Chemical Research, 2013, 46, 2545-2555.	7.6	62
126	Nanopalladium on Aminoâ€Functionalized Mesocellular Foam: An Efficient Catalyst for Suzuki Reactions and Transfer Hydrogenations. ChemCatChem, 2013, 5, 612-618.	1.8	40

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127	Palladiumâ€Catalyzed Oxidative Regioâ€and Diastereoselective Diarylating Carbocyclization of Dienynes. Chemistry - A European Journal, 2013, 19, 6571-6575.	1.7	15
128	Control of Selectivity in Palladiumâ€Catalyzed Oxidative Carbocyclization/Borylation of Allenynes. Angewandte Chemie - International Edition, 2013, 52, 6283-6287.	7.2	73
129	Palladiumâ€Catalyzed Aerobic Domino Oxidative Carbocyclizationâ€Alkynylation of Allenynes. Angewandte Chemie - International Edition, 2013, 52, 14209-14213.	7.2	64
130	Application and Mechanistic Studies of a Waterâ€Oxidation Catalyst in Alcohol Oxidation by Employing Oxygenâ€Transfer Reagents. Chemistry - A European Journal, 2012, 18, 16947-16954.	1.7	8
131	Palladium(II)â€Catalyzed Oxidative Cyclization of Allylic Tosylcarbamates: Scope, Derivatization, and Mechanistic Aspects. Chemistry - A European Journal, 2012, 18, 15151-15157.	1.7	28
132	Palladium-Catalyzed Oxidative Diarylating Carbocyclization of Enynes. Organic Letters, 2012, 14, 3538-3541.	2.4	43
133	Kinetic resolution of diarylmethanols using a mutated variant of lipase CALB. Tetrahedron, 2012, 68, 7613-7618.	1.0	11
134	Enantioselective Route to Ketones and Lactones from Exocyclic Allylic Alcohols via Metal and Enzyme Catalysis. Organic Letters, 2012, 14, 5094-5097.	2.4	36
135	Palladiumâ€Catalyzed Oxidative Carbocyclizations. Chemistry - A European Journal, 2012, 18, 11498-11523.	1.7	103
136	Biomimetic Aerobic Oxidation of Amino Alcohols to Lactams. Chemistry - A European Journal, 2012, 18, 11524-11527.	1.7	40
137	Highly Dispersed Palladium Nanoparticles on Mesocellular Foam: An Efficient and Recyclable Heterogeneous Catalyst for Alcohol Oxidation. Chemistry - A European Journal, 2012, 18, 12202-12206.	1.7	80
138	Biomimetic Oxidative Coupling of Benzylamines and 2â€Aminophenols: Synthesis of Benzoxazoles. Chemistry - A European Journal, 2012, 18, 13609-13613.	1.7	58
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