Franziska Schoenebeck

List of Publications by Year
in descending order

141	9,168	26630 56	48315 88
papers	citations	h-index	g-index

176	176	176	6119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Access to Cyclic N-Trifluoromethyl Ureas through Photocatalytic Activation of Carbamoyl Azides. Journal of the American Chemical Society, 2022, 144, 6100-6106.	13.7	24
2	Modular Generation of (Iodinated) Polyarenes Using Triethylgermane as Orthogonal Masking Group. Angewandte Chemie - International Edition, 2022, 61, .	13.8	13
3	Direct Câ€“H Dehydrogenative Germylation of Terminal Alkynes with Hydrogermanes. Organic Letters, 2022, 24, 2728-2732.	4.6	12
4	Modularity in the C_{sp3} Spaceâ”€Alkyl Germanes as Orthogonal Molecular Handles for Chemoselective Diversification. ACS Catalysis, 2022, 12, 4833-4839.	11.2	28
5	Hydrogermylation of Alkenes via Organophotoredox-Initiated HAT Catalysis. Organic Letters, 2022, 24, 406-409.	4.6	25
6	Nâ€CF₃ Imidazolidinâ€2â€one Derivatives via Photocatalytic and Silverâ€Catalyzed Cyclizations. Chemistry - A European Journal, 2022, 28, .	3.3	7
7	Orthogonal and Modular Arylation of Alkynylgermanes. ACS Catalysis, 2022, 12, 8048-8054.	11.2	19
8	Catalysis with Palladium(I) Dimers. Angewandte Chemie - International Edition, 2021, 60, 3355-3366.	13.8	59
9	Catalysis with Palladium(I) Dimers. Angewandte Chemie, 2021, 133, 3395-3406.	2.0	9
10	Baseâ€Free Crossâ€Couplings of Aryl Diazonium Salts in Methanol: Pd II â€“Alkoxy as Reactivityâ€Controlling Intermediate. Angewandte Chemie, 2021, 133, 7083-7088.	2.0	0
11	Baseâ€Free Crossâ€Couplings of Aryl Diazonium Salts in Methanol: Pd II â€“Alkoxy as Reactivityâ€Controlling Intermediate. Angewandte Chemie - International Edition, 2021, 60, 7007-7012.	13.8	9
12	Selective Synthesis of Z-Silyl Enol Ethers via Ni-Catalyzed Remote Functionalization of Ketones. Journal of the American Chemical Society, 2021, 143, 8375-8380.	13.7	35
13	Transition-Metal-Free, Formal Câ€“H Germylation of Arenes and Styrenes via Dibenzothiophenium Salts. Organic Letters, 2021, 23, 4779-4784.	4.6	40
14	Base-Mediated Direct Câ€“H Germylation of Heteroarenes and Arenes. Organic Letters, 2021, 23, 6010-6013.	4.6	13
15	Synthesis of N-CF₃ Alkynamides and Derivatives Enabled by Ni-Catalyzed Alkynylation of N-CF₃ Carbamoyl Fluorides. Journal of the American Chemical Society, 2021, 143, 13029-13033.	13.7	30
16	Site-Selective Î±-Câ€“H Functionalization of Trialkylamines via Reversible Hydrogen Atom Transfer Catalysis. Journal of the American Chemical Society, 2021, 143, 18952-18959.	13.7	43
17	Airâ€Stable Pd(I) Dimer enabled Remote Functionalization: Access to Fluorinated 1,1â€Diaryl Alkanes with Unprecedented Speed. Angewandte Chemie - International Edition, 2021, , .	13.8	8
18	Accelerated dinuclear palladium catalyst identification through unsupervised machine learning. Science, 2021, 374, 1134-1140.	12.6	63

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19	Siteâ€Selective, Modular Diversification of Polyhalogenated Aryl Fluorosulfates (ArOSO 2 F) Enabled by an Airâ€Stable Pd I Dimer. Angewandte Chemie - International Edition, 2020, 59, 2115-2119.	13.8	56
20	Facile Access to AgOCF₃ and Its New Applications as a Reservoir for OCF₂ for the Direct Synthesis of Nâ”CF₃, Aryl or Alkyl Carbamoyl Fluorides. Chemistry - A European Journal, 2020, 26, 2183-2186.	3.3	35
21	Chemoselektive, modulare Diversifikation polyhalogenierter Arylfluorosulfate (ArOSO 2 F), ermÃ¶glicht durch ein luftstabiles Pd I â€Dimer. Angewandte Chemie, 2020, 132, 2132-2136.	2.0	25
22	Selective Methylation of Amides, N-Heterocycles, Thiols, and Alcohols with Tetramethylammonium Fluoride. Organic Letters, 2020, 22, 331-334.	4.6	18
23	Orthogonal Stability and Reactivity of Aryl Germanes Enables Rapid and Selective (Multi)Halogenations. Angewandte Chemie, 2020, 132, 18876-18881.	2.0	10
24	A Review on Oxidative Goldâ€Catalyzed Câ€H Arylation of Arenes â€“ Challenges and Opportunities. European Journal of Organic Chemistry, 2020, 2020, 7119-7130.	2.4	29
25	Established and Emerging Computational Tools to Study Homogeneous Catalysisâ€”From Quantum Mechanics to Machine Learning. CheM, 2020, 6, 1904-1913.	11.7	44
26	Organogermanes as Orthogonal Coupling Partners in Synthesis and Catalysis. Accounts of Chemical Research, 2020, 53, 2715-2725.	15.6	72
27	A Nextâ€Generation Airâ€Stable Palladium(I) Dimer Enables Olefin Migration and Selective Câ”C Coupling in Air. Angewandte Chemie, 2020, 132, 22114-22118.	2.0	11
28	A Nextâ€Generation Airâ€Stable Palladium(I) Dimer Enables Olefin Migration and Selective Câ”C Coupling in Air. Angewandte Chemie - International Edition, 2020, 59, 21930-21934.	13.8	35
29	Modular and Selective Arylation of Aryl Germanes (Câ”GeEt₃) over Câ”Bpin, Câ”SiR₃ and Halogens Enabled by Lightâ€Activated Gold Catalysis. Angewandte Chemie - International Edition, 2020, 59, 15543-15548.	13.8	80
30	Modular and Selective Arylation of Aryl Germanes (Câ”GeEt 3) over Câ”Bpin, Câ”SiR 3 and Halogens Enabled by Lightâ€Activated Gold Catalysis. Angewandte Chemie, 2020, 132, 15673-15678.	2.0	13
31	Germylation of Arenes via Pd(I) Dimer Enabled Sulfonium Salt Functionalization. Organic Letters, 2020, 22, 4802-4805.	4.6	53
32	Selective ortho â€Functionalization of Adamantylarenes Enabled by Dispersion and an Airâ€Stable Palladium(I) Dimer. Angewandte Chemie, 2020, 132, 7795-7799.	2.0	14
33	Gold-Catalyzed Chemoselective Couplings of Polyfluoroarenes with Aryl Germanes and Downstream Diversification. Journal of the American Chemical Society, 2020, 142, 7754-7759.	13.7	94
34	Orthogonal Stability and Reactivity of Aryl Germanes Enables Rapid and Selective (Multi)Halogenations. Angewandte Chemie - International Edition, 2020, 59, 18717-18722.	13.8	44
35	Selectiveorthoâ€Functionalization of Adamantylarenes Enabled by Dispersion and an Airâ€Stable Palladium(I) Dimer. Angewandte Chemie - International Edition, 2020, 59, 7721-7725.	13.8	38
36	N â€Trifluoromethyl Hydrazines, Indoles and Their Derivatives. Angewandte Chemie, 2020, 132, 12006-12010.	2.0	9

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37	Nâ€Trifluoromethyl Hydrazines, Indoles and Their Derivatives. Angewandte Chemie - International Edition, 2020, 59, 11908-11912.	13.8	39
38	A General and Airâ€tolerant Strategy to Conjugated Polymers within Seconds under Palladium(I) Dimer Catalysis. Angewandte Chemie, 2019, 131, 10285-10289.	2.0	10
39	Orthogonal Nanoparticle Catalysis with Organogermanes. Angewandte Chemie, 2019, 131, 17952-17959.	2.0	24
40	Orthogonal Nanoparticle Catalysis with Organogermanes. Angewandte Chemie - International Edition, 2019, 58, 17788-17795.	13.8	80
41	Gold-Catalyzed Câ€“H Functionalization with Aryl Germanes. ACS Catalysis, 2019, 9, 9231-9236.	11.2	84
42	Straightforward access to N-trifluoromethyl amides, carbamates, thiocarbamates and ureas. Nature, 2019, 573, 102-107.	27.8	96
43	Orthogonal Selectivity in Câ€“H Olefination: Synthesis of Branched Vinylarene with Unactivated Aliphatic Substitution. ACS Catalysis, 2019, 9, 9606-9613.	11.2	30
44	E -Olefins through intramolecular radical relocation. Science, 2019, 363, 391-396.	12.6	120
45	Arylation of Axially Chiral Phosphorothioate Salts by Dinuclear Pd^I Catalysis. Angewandte Chemie, 2019, 131, 11517-11521.	2.0	10
46	Arylation of Axially Chiral Phosphorothioate Salts by Dinuclear Pd^I Catalysis. Angewandte Chemie - International Edition, 2019, 58, 11395-11399.	13.8	50
47	A General and Airâ€tolerant Strategy to Conjugated Polymers within Seconds under Palladium(I) Dimer Catalysis. Angewandte Chemie - International Edition, 2019, 58, 10179-10183.	13.8	22
48	Selenolation of Aryl Iodides and Bromides Enabled by aâ€‰Benchâ€Stable Pd^I Dimer. Chemistry - A European Journal, 2019, 25, 9419-9422.	3.3	19
49	Câ€”Hâ€Selective Crossâ€Coupling Enabled by a Cationic Palladium Trimer. Angewandte Chemie, 2019, 131, 217-221.	2.0	35
50	Câ€”Hâ€Selective Crossâ€Coupling Enabled by a Cationic Palladium Trimer. Angewandte Chemie - International Edition, 2019, 58, 211-215.	13.8	44
51	Palladiumâ€Catalyzed Decarbonylative Trifluoromethylation of Acid Fluorides. Angewandte Chemie - International Edition, 2018, 57, 4073-4077.	13.8	127
52	Investigation of (Me₄N)SCF₃ as a Stable, Solid and Safe Reservoir for S=CF₂ as a Surrogate for Thiophosgene. Chemistry - A European Journal, 2018, 24, 567-571.	3.3	18
53	Palladiumâ€Catalyzed Decarbonylative Trifluoromethylation of Acid Fluorides. Angewandte Chemie, 2018, 130, 4137-4141.	2.0	39
54	Chemoselektive Pdâ€katalysierte Câ€TeCF 3 â€Kupplung von Aryliodiden. Angewandte Chemie, 2018, 130, 17146-17149.	2.0	8

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55	[1,3]-Sigmatropic Shift of an Allylic Chloride. Helvetica Chimica Acta, 2018, 101, e1800148.	1.6	3
56	Chemoselective Pdâ€Catalyzed Câ€TeCF₃ Coupling of Aryl Iodides. Angewandte Chemie - International Edition, 2018, 57, 16903-16906.	13.8	18
57	Divergent Reactivity of Stannane and Silane in the Trifluoromethylation of PdII: Cyclic Transition State versus Difluorocarbene Release. Angewandte Chemie, 2018, 130, 15301-15305.	2.0	8
58	Divergent Reactivity of Stannane and Silane in the Trifluoromethylation of Pd^{II}: Cyclic Transition State versus Difluorocarbene Release. Angewandte Chemie - International Edition, 2018, 57, 15081-15085.	13.8	27
59	Î±-Arylation of Esters and Ketones Enabled by a Bench-Stable Pd(I) Dimer Catalyst. Synthesis, 2018, 50, 4471-4475.	2.3	14
60	Direct Î±-alkylation of primary aliphatic amines enabled by CO2 and electrostatics. Nature Chemistry, 2018, 10, 1037-1041.	13.6	160
61	Siteâ€Selective Câˆ'S Bond Formation at Câˆ'Br over Câˆ'OTf and Câˆ'Cl Enabled by an Airâ€Stable, Easily Recoverable, and Recyclable Palladium(I) Catalyst. Angewandte Chemie - International Edition, 2018, 57, 12425-12429.	13.8	73
62	Siteâ€Selective Câˆ'S Bond Formation at Câˆ'Br over Câˆ'OTf and Câˆ'Cl Enabled by an Airâ€Stable, Easily Recoverable, and Recyclable Palladium(I) Catalyst. Angewandte Chemie, 2018, 130, 12605-12609.	2.0	26
63	Modular Functionalization of Arenes in a Triply Selective Sequence: Rapid C(sp²) and C(sp³) Coupling of Câˆ'Br, Câˆ'OTf, and Câˆ'Cl Bonds Enabled by a Single Palladium(I) Dimer. Angewandte Chemie, 2018, 130, 12753-12757.	2.0	55
64	Modular Functionalization of Arenes in a Triply Selective Sequence: Rapid C(sp²) and C(sp³) Coupling of Câˆ'Br, Câˆ'OTf, and Câˆ'Cl Bonds Enabled by a Single Palladium(I) Dimer. Angewandte Chemie - International Edition, 2018, 57, 12573-12577.	13.8	96
65	When Weaker Can Be Tougher: The Role of Oxidation State (I) in P- vs N-Ligand-Derived Ni-Catalyzed Trifluoromethylthiolation of Aryl Halides. ACS Catalysis, 2017, 7, 2126-2132.	11.2	100
66	Mechanistic insights on the Pd-catalyzed addition of Câ€“X bonds across alkynes â€“ a combined experimental and computational study. Chemical Science, 2017, 8, 2914-2922.	7.4	83
67	Synthesis and Optical Characterization of Hybrid Organicâ€“Inorganic Heterofluorene Polymers. Macromolecules, 2017, 50, 2338-2343.	4.8	33
68	Palladium(I) Dimer Enabled Extremely Rapid and Chemoselective Alkylation of Aryl Bromides over Triflates and Chlorides in Air. Angewandte Chemie - International Edition, 2017, 56, 7078-7082.	13.8	99
69	Synthesis of Isothiocyanates and Unsymmetrical Thioureas with the Bench-Stable Solid Reagent (Me₄N)SCF₃. Organic Letters, 2017, 19, 1831-1833.	4.6	33
70	Understanding the Unusual Reduction Mechanism of Pd(II) to Pd(I): Uncovering Hidden Species and Implications in Catalytic Cross-Coupling Reactions. Journal of the American Chemical Society, 2017, 139, 5194-5200.	13.7	97
71	A Holy Grail in Chemistry: Computational Catalyst Design: Feasible or Fiction?. Accounts of Chemical Research, 2017, 50, 605-608.	15.6	111
72	Rapid Roomâ€Temperature, Chemoselective Câˆ'C Coupling of Poly(pseudo)halogenated Arenes Enabled by Palladium(I) Catalysis in Air. Angewandte Chemie - International Edition, 2017, 56, 1581-1585.	13.8	119

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73	Rapid Roomâ€Temperature, Chemoselective Câ”C Coupling of Poly(pseudo)halogenated Arenes Enabled by Palladium(I) Catalysis in Air. Angewandte Chemie, 2017, 129, 1603-1607.	2.0	61
74	Efficient Synthesis of Trifluoromethyl Amines through a Formal Umpolung Strategy from the Benchâ€Stable Precursor (Me₄N)SCF₃. Angewandte Chemie, 2017, 129, 227-230.	2.0	28
75	Efficient Synthesis of Trifluoromethyl Amines through a Formal Umpolung Strategy from the Benchâ€Stable Precursor (Me₄N)SCF₃. Angewandte Chemie - International Edition, 2017, 56, 221-224.	13.8	85
76	Direct Synthesis of Acyl Fluorides from Carboxylic Acids with the Bench-Stable Solid Reagent (Me₄N)SCF₃. Organic Letters, 2017, 19, 5740-5743.	4.6	83
77	Divergent Reactivity of a Dinuclear (NHC)Nickel(I) Catalyst versus Nickel(0) Enables Chemoselective Trifluoromethylselenolation. Angewandte Chemie, 2017, 129, 13616-13620.	2.0	33
78	Divergent Reactivity of a Dinuclear (NHC)Nickel(I) Catalyst versus Nickel(0) Enables Chemoselective Trifluoromethylselenolation. Angewandte Chemie - International Edition, 2017, 56, 13431-13435.	13.8	93
79	Remote Câ”H alkylation and Câ”C bond cleavage enabled by an in situ generated palladacycle. Nature Chemistry, 2017, 9, 361-368.	13.6	164
80	Mild and selective base-free Câ€“H arylation of heteroarenes: experiment and computation. Chemical Science, 2017, 8, 1046-1055.	7.4	91
81	Palladium(I) Dimer Enabled Extremely Rapid and Chemoselective Alkylation of Aryl Bromides over Triflates and Chlorides in Air. Angewandte Chemie, 2017, 129, 7184-7188.	2.0	56
82	Lewis Acid Assisted Nickelâ€Catalyzed Crossâ€Coupling of Aryl Methyl Ethers by Câ”O Bondâ€Cleaving Alkylation: Prevention of Undesired Î²â€Hydride Elimination. Angewandte Chemie - International Edition, 2016, 55, 6093-6098.	13.8	136
83	Asymmetric Synthesis of Spiropyrazolones by Sequential Organoâ€and Silver Catalysis. Angewandte Chemie, 2016, 128, 1829-1832.	2.0	31
84	Asymmetric Synthesis of Spiropyrazolones by Sequential Organoâ€and Silver Catalysis. Angewandte Chemie - International Edition, 2016, 55, 1797-1800.	13.8	109
85	Computation and Experiment: A Powerful Combination to Understand and Predict Reactivities. Accounts of Chemical Research, 2016, 49, 1311-1319.	15.6	167
86	Bench-Stable and Recoverable Palladium(I) Dimer as an Efficient Catalyst for Heck Cross-Coupling. Synthesis, 2016, 49, 115-120.	2.3	10
87	Stereoselective Synthesis of Methylene Oxindoles via Palladium(II)-Catalyzed Intramolecular Cross-Coupling of Carbamoyl Chlorides. Journal of the American Chemical Society, 2016, 138, 14441-14448.	13.7	63
88	Computationally deciphering palladiumâ€catalyzed reaction mechanisms. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2016, 6, 226-242.	14.6	34
89	Franziska Schoenebeck. Angewandte Chemie - International Edition, 2016, 55, 9824-9824.	13.8	2
90	Lewisâ€SÃ¤ureâ€unterstÃ¼tzte metallkatalysierte Kreuzkupplung: Alkylierung von Arylmethylethern unter Câ€Oâ€Bindungsspaltung ohne Î²â€Hydrideliminierung. Angewandte Chemie, 2016, 128, 6198-6203.	2.0	36

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91	Factors That Control Câ€“C Cleavage versus Câ€“H Bond Hydroxylation in Copper-Catalyzed Oxidations of Ketones with O₂. Journal of the American Chemical Society, 2016, 138, 518-526.	13.7	149
92	Nickel-catalyzed trifluoromethylthiolation of Csp²â€“O bonds. Chemical Science, 2016, 7, 1076-1081.	7.4	89
93	Highly Efficient Cï£¿SeCF₃ Coupling of Aryl Iodides Enabled by an Airâ€Stable Dinuclear Pd^I Catalyst. Angewandte Chemie - International Edition, 2015, 54, 10322-10326.	13.8	133
94	An Exclusively transâ€Selective Chlorocarbamoylation of Alkynes Enabled by a Palladium/Phosphaadamantane Catalyst. Angewandte Chemie - International Edition, 2015, 54, 15897-15900.	13.8	90
95	Dispersion Makes the Difference: Bisligated Transition States Found for the Oxidative Addition of Pd(PtBu₃)₂ to Ar-OSO₂R and Dispersion-Controlled Chemoselectivity in Reactions with Pd[P(iPr)(tBu₂)]₂. Organometallics, 2015, 34, 805-812.	2.3	106
96	Computational Studies of Synthetically Relevant Homogeneous Organometallic Catalysis Involving Ni, Pd, Ir, and Rh: An Overview of Commonly Employed DFT Methods and Mechanistic Insights. Chemical Reviews, 2015, 115, 9532-9586.	47.7	479
97	Trifluoromethylthiolation of Aryl Iodides and Bromides Enabled by a Benchâ€Stable and Easyâ€Toâ€Recover Dinuclear Palladium(I) Catalyst. Angewandte Chemie - International Edition, 2015, 54, 6809-6813.	13.8	169
98	Fundamental Studies and Development of Nickel-Catalyzed Trifluoromethylthiolation of Aryl Chlorides: Active Catalytic Species and Key Roles of Ligand and Traceless MeCN Additive Revealed. Journal of the American Chemical Society, 2015, 137, 4164-4172.	13.7	252
99	Pentafluorosulfanyl-containing flufenamic acid analogs: Syntheses, properties and biological activities. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4437-4440.	2.2	30
100	Air-Stable Dinuclear Iodine-Bridged Pd(I) Complex - Catalyst, Precursor, or Parasite? The Additive Decides. Systematic Nucleophile-Activity Study and Application as Precatalyst in Cross-Coupling. Organometallics, 2015, 34, 5191-5195.	2.3	81
101	Strainâ€Accelerated Formation of Chiral, Optically Active Butaâ€1,3â€dienes. Angewandte Chemie - International Edition, 2015, 54, 349-354.	13.8	31
102	PROFILE: Early Excellence in Physical Organic Chemistry. Journal of Physical Organic Chemistry, 2014, 27, 1-1.	1.9	0
103	Combining the Reactivity Properties of PCy₃ and PtBu₃ into a Single Ligand, P(iPr)(tBu)₂. Reaction via Mono- or Bisphosphine Palladium(0) Centers and Palladium(I) Dimer Formation. Organometallics, 2014, 33, 6879-6884.	2.3	67
104	Computational Ligand Design for the Reductive Elimination of ArCF₃ from a Small Bite Angle Pd^{II} Complex: Remarkable Effect of a Perfluoroalkyl Phosphine. Angewandte Chemie - International Edition, 2014, 53, 5903-5906.	13.8	107
105	Mechanistic Insight into the Spirocyclopropane Isoxazolidine Ring Contraction. Organic Letters, 2014, 16, 960-963.	4.6	23
106	Combining Experimental and Computational Studies to Understand and Predict Reactivities of Relevance to Homogeneous Catalysis. Chemistry - A European Journal, 2014, 20, 16432-16441.	3.3	43
107	Kinetic and Computational Studies on Pd(I) Dimer-Mediated Halogen Exchange of Aryl Iodides. Journal of Organic Chemistry, 2014, 79, 12041-12046.	3.2	53
108	Experiment and computation: a combined approach to study the reactivity of palladium complexes in oxidation states 0 to<scp>iv</scp>. Chemical Society Reviews, 2014, 43, 6609.	38.1	136

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109	Trifluoromethylation of Ketones and Aldehydes with Bu₃SnCF₃. Journal of Organic Chemistry, 2013, 78, 7749-7753.	3.2	24
110	Dinuclear Pd(i) complexesâ€"solely precatalysts? Demonstration of direct reactivity of a Pd(i) dimer with an aryl iodide. Chemical Science, 2013, 4, 4434.	7.4	103
111	Chemoselectivity in the Reductive Elimination from High Oxidation State Palladium Complexes â€“ Scrambling Mechanism Uncovered. Journal of the American Chemical Society, 2013, 135, 1978-1985.	13.7	56
112	On the role of anionic ligands in the site-selectivity of oxidative Câ€"H functionalization reactions of arenes. Chemical Science, 2013, 4, 2767.	7.4	84
113	Oxidative addition transition states of Pd(0) complexes in polar solventâ€"a DFT study involving implicit and explicit solvation. Tetrahedron, 2013, 69, 5715-5718.	1.9	32
114	The 48th EUCHEMS Conference on Stereochemistry BÃ¼rgenstock Conference 2013. Chimia, 2013, 67, 671.	0.6	0
115	Orthogonal Selectivities under Pd(0) Catalysis with Solvent Polarity: An Interplay of Computational and Experimental Studies. Synlett, 2012, 23, 645-648.	1.8	19
116	The YFM 2012 â€“ Emerging Research and Established Needs: Fund Raising, Publishing and Career Advancement. Chimia, 2012, 66, 716.	0.6	0
117	Tandem Nucleophilic Addition/Oxy-2-azonia-Cope Rearrangement for the Formation of Homoallylic Amides and Lactams: Total Synthesis and Structural Verification of Motuporamine G. Journal of the American Chemical Society, 2012, 134, 20009-20012.	13.7	35
118	Culâ€Mediated Trifluoromethylations with Stannanes. Preliminary Communication. Helvetica Chimica Acta, 2012, 95, 2231-2236.	1.6	20
119	Reactivity and Stability of Dinuclear Pd(I) Complexes: Studies on the Active Catalytic Species, Insights into Precatalyst Activation and Deactivation, and Application in Highly Selective Cross-Coupling Reactions. Journal of the American Chemical Society, 2012, 134, 606-612.	13.7	161
120	A computational study of the origin of stereoinduction in NHC-catalyzed annulation reactions of Î±,Î²-unsaturated acyl azoliums. Chemical Science, 2012, 3, 2346.	7.4	88
121	Electron Transfer to Benzenes by Photoactivated Neutral Organic Electron Donor Molecules. Angewandte Chemie - International Edition, 2012, 51, 3673-3676.	13.8	89
122	Tandem Crossâ€Dimerisation/Oxoniaâ€Cope Reaction of Carbonyl Compounds to Homoallylic Esters and Lactones. Angewandte Chemie - International Edition, 2012, 51, 5647-5651.	13.8	29
123	Redox Reactions in Palladium Catalysis: On the Accelerating and/or Inhibiting Effects of Copper and Silver Salt Additives in Crossâ€Coupling Chemistry Involving Electronâ€rich Phosphine Ligands. Angewandte Chemie - International Edition, 2012, 51, 7226-7230.	13.8	92
124	Expanding the chemical space for push-pull chromophores by non-concerted [2+2] and [4+2] cycloadditions: access to a highly functionalised 6,6-dicyanopentafulvene with an intense, low-energy charge-transfer band. Chemical Communications, 2011, 47, 4520.	4.1	47
125	Solvent Effect on Palladiumâ€Catalyzed Crossâ€Coupling Reactions and Implications on the Active Catalytic Species. Angewandte Chemie - International Edition, 2011, 50, 8192-8195.	13.8	184
126	Reductive Elimination of ArCF₃ from Bidentate Pd^{II} Complexes: A Computational Study. Chemistry - A European Journal, 2011, 17, 12340-12346.	3.3	47

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127	Ligand-Controlled Regioselectivity in Palladium-Catalyzed Cross Coupling Reactions. Journal of the American Chemical Society, 2010, 132, 2496-2497.	13.7	243
128	Computational Study of Factors Controlling the Boat and Chair Transition States of Irelandâ"Claisen Rearrangements. Journal of Organic Chemistry, 2010, 75, 2115-2118.	3.2	28
129	Reductions of Challenging Organic Substrates by a Nickel Complex of a Noninnocent Crown Carbene Ligand. Journal of the American Chemical Society, 2010, 132, 15462-15464.	13.7	63
130	Nature of Intermediates in Organo-SOMO Catalysis of Î±-Arylation of Aldehydes. Journal of the American Chemical Society, 2010, 132, 6001-6005.	13.7	116
131	Unprecedented thermal rearrangement of pushâ€"pull-chromophoreâ€"[60]fullerene conjugates: formation of chiral 1,2,9,12-tetrakis-adducts. Chemical Communications, 2010, 46, 5334.	4.1	31
132	Reactivity and Regioselectivity in 1,3-Dipolar Cycloadditions of Azides to Strained Alkynes and Alkenes: A Computational Study. Journal of the American Chemical Society, 2009, 131, 8121-8133.	13.7	197
133	Theoretical Study of the Catalysis of Cyanohydrin Formation by the Cyclic Dipeptide Catalyst cyclo[(S)-His-(S)-Phe]. Journal of Organic Chemistry, 2009, 74, 1464-1472.	3.2	24
134	Theoretical Bond Dissociation Energies of Halo-Heterocycles: Trends and Relationships to Regioselectivity in Palladium-Catalyzed Cross-Coupling Reactions. Journal of the American Chemical Society, 2009, 131, 6632-6639.	13.7	123
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