Frank Glorius

List of Publications by Citations

506 papers	54,377 citations	120 h-index	217 g-index
692 ext. papers	60,879 ext. citations	10.6 avg, IF	8.63 L-index

#	Paper	IF	Citations
506	An overview of N-heterocyclic carbenes. *Nature*, **2014**, 510, 485-96	50.4	2650
505	Towards mild metal-catalyzed C-H bond activation. *Chemical Society Reviews*, **2011**, 40, 4740-61	58.5	2118
504	C-H bond activation enables the rapid construction and late-stage diversification of functional molecules. *Nature Chemistry*, **2013**, 5, 369-75	17.6	1798
503	Beyond directing groups: transition-metal-catalyzed C-H activation of simple arenes. *Angewandte Chemie - International Edition*, **2012**, 51, 10236-54	16.4	1404
502	Mild metal-catalyzed C-H activation: examples and concepts. *Chemical Society Reviews*, **2016**, 45, 2900-36	58.5	1267
501	Organocatalytic umpolung: N-heterocyclic carbenes and beyond. *Chemical Society Reviews*, **2012**, 41, 3511-22	58.5	1031
500	The measure of all rings--N-heterocyclic carbenes. *Angewandte Chemie - International Edition*, **2010**, 49, 6940-52	16.4	1016
499	Formal SN-Type Reactions in Rhodium(III)-Catalyzed C?H Bond Activation. *Advanced Synthesis and Catalysis*, **2014**, 356, 1443-1460	5.6	714
498	Surveying sterically demanding N-heterocyclic carbene ligands with restricted flexibility for palladium-catalyzed cross-coupling reactions. *Accounts of Chemical Research*, **2008**, 41, 1523-33	24.3	656
497	Rh(III)-catalyzed directed C-H olefination using an oxidizing directing group: mild, efficient, and versatile. *Journal of the American Chemical Society*, **2011**, 133, 2350-3	16.4	645
496	Organocatalyzed conjugate umpolung of alpha,beta-unsaturated aldehydes for the synthesis of gamma-butyrolactones. *Angewandte Chemie - International Edition*, **2004**, 43, 6205-8	16.4	629
495	Extending NHC-catalysis: coupling aldehydes with unconventional reaction partners. *Accounts of Chemical Research*, **2011**, 44, 1182-95	24.3	627
494	Dual catalysis sees the light: combining photoredox with organo-, acid, and transition-metal catalysis. *Chemistry - A European Journal*, **2014**, 20, 3874-86	4.8	560
493	Asymmetric heterogeneous catalysis. *Angewandte Chemie - International Edition*, **2006**, 45, 4732-62	16.4	541
492	Pyrrole synthesis via allylic sp3 C-H activation of enamines followed by intermolecular coupling with unactivated alkynes. *Journal of the American Chemical Society*, **2010**, 132, 9585-7	16.4	514
491	Sterically demanding, bioxazoline-derived N-heterocyclic carbene ligands with restricted flexibility for catalysis. *Journal of the American Chemical Society*, **2004**, 126, 15195-201	16.4	500
490	Co(III)-catalyzed C-H activation/formal SN-type reactions: selective and efficient cyanation, halogenation, and allylation. *Journal of the American Chemical Society*, **2014**, 136, 17722-5	16.4	460

489	Ohne dirigierende Gruppen: Übergangsmetallkatalysierte C-H-Aktivierung einfacher Arene. *Angewandte Chemie*, **2012**, 124, 10382-10401	3.6	452
488	Energy transfer catalysis mediated by visible light: principles, applications, directions. *Chemical Society Reviews*, **2018**, 47, 7190-7202	58.5	440
487	Rhodium-catalyzed oxidative olefination of C-H bonds in acetophenones and benzamides. *Angewandte Chemie - International Edition*, **2011**, 50, 1064-7	16.4	407
486	Merging Visible Light Photoredox and Gold Catalysis. *Accounts of Chemical Research*, **2016**, 49, 2261-2272	24.3	406
485	Combining gold and photoredox catalysis: visible light-mediated oxy- and aminoarylation of alkenes. *Journal of the American Chemical Society*, **2013**, 135, 5505-8	16.4	405
484	An N-heterocyclic carbene ligand with flexible steric bulk allows Suzuki cross-coupling of sterically hindered aryl chlorides at room temperature. *Angewandte Chemie - International Edition*, **2003**, 42, 3690-3	16.4	403
483	A robustness screen for the rapid assessment of chemical reactions. *Nature Chemistry*, **2013**, 5, 597-601	17.6	392
482	Rh(III)-catalyzed synthesis of multisubstituted isoquinoline and pyridine N-oxides from oximes and diazo compounds. *Journal of the American Chemical Society*, **2013**, 135, 12204-7	16.4	376
481	Palladium-catalyzed oxidative cyclization of N-aryl enamines: from anilines to indoles. *Angewandte Chemie - International Edition*, **2008**, 47, 7230-3	16.4	373
480	Rh catalyzed olefination and vinylation of unactivated acetanilides. *Journal of the American Chemical Society*, **2010**, 132, 9982-3	16.4	372
479	Palladium-catalyzed intramolecular direct arylation of benzoic acids by tandem decarboxylation/C-H activation. *Journal of the American Chemical Society*, **2009**, 131, 4194-5	16.4	365
478	High-yielding, versatile, and practical [Rh(III)Cp*]-catalyzed ortho bromination and iodination of arenes. *Journal of the American Chemical Society*, **2012**, 134, 8298-301	16.4	344
477	Mild Rh(III)-catalyzed C-H activation and annulation with alkyne MIDA boronates: short, efficient synthesis of heterocyclic boronic acid derivatives. *Journal of the American Chemical Society*, **2012**, 134, 19592-5	16.4	340
476	Diverse strategies toward indenol and fulvene derivatives: Rh-catalyzed C-H activation of aryl ketones followed by coupling with internal alkynes. *Journal of the American Chemical Society*, **2011**, 133, 2154-6	16.4	335
475	N-Heterocyclic Carbenes in Transition Metal Catalysis. *Topics in Organometallic Chemistry*, **2007**,	0.6	332
474	Das Maßgeschneiderte Ringe – N-heterocyclische Carbene. *Angewandte Chemie*, **2010**, 122, 7094-7107	3.6	329
473	Asymmetric hydrogenation of aromatic compounds. *Organic and Biomolecular Chemistry*, **2005**, 3, 4171-5	3.9	314
472	Indole synthesis by rhodium(III)-catalyzed hydrazine-directed C-H activation: redox-neutral and traceless by N-N bond cleavage. *Angewandte Chemie - International Edition*, **2013**, 52, 12426-9	16.4	311

471	Mild rhodium(III)-catalyzed C-H activation and intermolecular annulation with allenes. *Angewandte Chemie - International Edition*, **2012**, 51, 7318-22	16.4	310
470	Cobalt(III)-catalyzed directed C-H coupling with diazo compounds: straightforward access towards extended π-systems. *Angewandte Chemie - International Edition*, **2015**, 54, 4508-11	16.4	291
469	Rh(III)/Cu(II)-cocatalyzed synthesis of 1H-indazoles through C-H amidation and N-N bond formation. *Journal of the American Chemical Society*, **2013**, 135, 8802-5	16.4	275
468	Privileged chiral N-heterocyclic carbene ligands for asymmetric transition-metal catalysis. *Chemical Society Reviews*, **2017**, 46, 4845-4854	58.5	259
467	Oxidizing directing groups enable efficient and innovative C-H activation reactions. *Angewandte Chemie - International Edition*, **2011**, 50, 1977-9	16.4	258
466	Asymmetric nanocatalysis: N-heterocyclic carbenes as chiral modifiers of Fe3O4/Pd nanoparticles. *Angewandte Chemie - International Edition*, **2010**, 49, 7786-9	16.4	255
465	Mild rhodium(III)-catalyzed direct C-H allylation of arenes with allyl carbonates. *Angewandte Chemie - International Edition*, **2013**, 52, 5386-9	16.4	252
464	Rh[III]-catalyzed direct C-H amination using N-chloroamines at room temperature. *Organic Letters*, **2012**, 14, 656-9	6.2	249
463	Palladium-catalyzed intermolecular decarboxylative coupling of 2-phenylbenzoic acids with alkynes via C-H and C-C bond activation. *Journal of the American Chemical Society*, **2010**, 132, 14006-8	16.4	246
462	Palladium-catalyzed amidation of unactivated C(sp(3))-H bonds: from anilines to indolines. *Angewandte Chemie - International Edition*, **2009**, 48, 6892-5	16.4	242
461	Transition-Metal-Free, Visible-Light-Enabled Decarboxylative Borylation of Aryl N-Hydroxyphthalimide Esters. *Journal of the American Chemical Society*, **2017**, 139, 7440-7443	16.4	238
460	Deaminative Strategy for the Visible-Light-Mediated Generation of Alkyl Radicals. *Angewandte Chemie - International Edition*, **2017**, 56, 12336-12339	16.4	227
459	[RhIIICp*]-catalyzed dehydrogenative aryl-aryl bond formation. *Angewandte Chemie - International Edition*, **2012**, 51, 2247-51	16.4	226
458	Cooperative N-Heterocyclic Carbene/Palladium-Catalyzed Enantioselective Umpolung Annulations. *Journal of the American Chemical Society*, **2016**, 138, 7840-3	16.4	222
457	Organokatalysierte konjugierte Umpolung von α,β-ungesättigten Aldehyden zur Synthese von γ-Butyrolactonen. *Angewandte Chemie*, **2004**, 116, 6331-6334	3.6	218
456	Oxazolines as chiral building blocks for imidazolium salts and N-heterocyclic carbene ligands. *Chemical Communications*, **2002**, 2704-5	5.8	213
455	N-Heterocyclic Carbenes in Catalysis—An Introduction. *Topics in Organometallic Chemistry*, **2006**, 1-20	0.6	207
454	Rh(III)-catalyzed oxidative olefination of vinylic C-H bonds: efficient and selective access to di-unsaturated γ-amino acid derivatives and other linear 1,3-butadienes. *Chemistry - A European Journal*, **2011**, 17, 7167-71	4.8	192

453	Chiral olefin ligands-new "spectators" in asymmetric catalysis. *Angewandte Chemie - International Edition*, **2004**, 43, 3364-6	16.4	192
452	IBiox[(-)-menthyl]: a sterically demanding chiral NHC ligand. *Journal of the American Chemical Society*, **2009**, 131, 8344-5	16.4	191
451	Visible-Light-Promoted Activation of Unactivated C(sp)-H Bonds and Their Selective Trifluoromethylthiolation. *Journal of the American Chemical Society*, **2016**, 138, 16200-16203	16.4	190
450	N-heterocyclic carbene-catalyzed cascade reaction involving the hydroacylation of unactivated alkynes. *Journal of the American Chemical Society*, **2010**, 132, 5970-1	16.4	189
449	Highly enantioselective synthesis of β-amino acid derivatives by an NHC-catalyzed intermolecular Stetter reaction. *Angewandte Chemie - International Edition*, **2011**, 50, 1410-4	16.4	184
448	N-heterocyclic carbene-catalyzed hydroacylation of unactivated double bonds. *Journal of the American Chemical Society*, **2009**, 131, 14190-1	16.4	183
447	Rhodium(III) and hexabromobenzene-a catalyst system for the cross-dehydrogenative coupling of simple arenes and heterocycles with arenes bearing directing groups. *Angewandte Chemie - International Edition*, **2012**, 51, 13001-5	16.4	180
446	Efficient asymmetric hydrogenation of pyridines. *Angewandte Chemie - International Edition*, **2004**, 43, 2850-2	16.4	180
445	Visible Light-Mediated Direct Decarboxylative C–H Functionalization of Heteroarenes. *ACS Catalysis* , **2017**, 7, 4057-4061	13.1	178
444	The first palladium-catalyzed Sonogashira coupling of unactivated secondary alkyl bromides. *Tetrahedron Letters*, **2006**, 47, 2925-2928	2	177
443	N-heterocyclic carbene catalyzed umpolung of Michael acceptors for intermolecular reactions. *Angewandte Chemie - International Edition*, **2011**, 50, 8412-5	16.4	176
442	Efficient synthesis of pyrazoles: oxidative C-C/N-N bond-formation cascade. *Angewandte Chemie - International Edition*, **2010**, 49, 7790-4	16.4	173
441	Selective rhodium(III)-catalyzed cross-dehydrogenative coupling of furan and thiophene derivatives. *Angewandte Chemie - International Edition*, **2012**, 51, 8230-4	16.4	171
440	Dual Photoredox and Gold Catalysis: Intermolecular Multicomponent Oxyarylation of Alkenes. *Advanced Synthesis and Catalysis*, **2014**, 356, 2794-2800	5.6	168
439	Cobalt(III)-Catalyzed Directed C-H Allylation. *Organic Letters*, **2015**, 17, 3714-7	6.2	162
438	Cooperative Lewis Acid/Cp*Co(III) Catalyzed C-H Bond Activation for the Synthesis of Isoquinolin-3-ones. *Angewandte Chemie - International Edition*, **2016**, 55, 5577-81	16.4	162
437	Mild rhodium(III)-catalyzed cyclization of amides with α,β-unsaturated aldehydes and ketones to azepinones: application to the synthesis of the homoprotoberberine framework. *Angewandte Chemie - International Edition*, **2013**, 52, 5393-7	16.4	162
436	Highly asymmetric NHC-catalyzed hydroacylation of unactivated alkenes. *Angewandte Chemie - International Edition*, **2011**, 50, 4983-7	16.4	160

435	A Domino Copper-Catalyzed C?N and C?O Cross-Coupling for the Conversion of Primary Amides into Benzoxazoles. *Advanced Synthesis and Catalysis*, **2004**, 346, 1661-1664	5.6	160
434	Cobalt-Catalyzed C-H Thiolation through Dehydrogenative Cross-Coupling. *Angewandte Chemie - International Edition*, **2016**, 55, 11287-91	16.4	157
433	Palladium-catalyzed selective dehydrogenative cross-couplings of heteroarenes. *Angewandte Chemie - International Edition*, **2011**, 50, 7479-81	16.4	157
432	Preparation of conjugated 1,3-enynes by Rh(III)-catalysed alkynylation of alkenes via C-H activation. *Chemical Communications*, **2014**, 50, 4459-61	5.8	155
431	Highly Enantioselective [5 + 2] Annulations through Cooperative N-Heterocyclic Carbene (NHC) Organocatalysis and Palladium Catalysis. *Journal of the American Chemical Society*, **2018**, 140, 3551-3554	16.4	154
430	Ligand-controlled highly regioselective and asymmetric hydrogenation of quinoxalines catalyzed by ruthenium N-heterocyclic carbene complexes. *Angewandte Chemie - International Edition*, **2011**, 50, 3803-6	16.4	153
429	Transition Metal-Catalyzed [5 + 2] Cycloadditions of Allenes and Vinylcyclopropanes: First Studies of Endo□Exo Selectivity, Chemoselectivity, Relative Stereochemistry, and Chirality Transfer. *Journal of the American Chemical Society*, **1999**, 121, 5348-5349	16.4	153
428	Exploring the oxidative cyclization of substituted N-aryl enamines: Pd-catalyzed formation of indoles from anilines. *Chemistry - A European Journal*, **2011**, 17, 7298-303	4.8	152
427	Cobalt(III)-Catalyzed Redox-Neutral Synthesis of Unprotected Indoles Featuring an N-N Bond Cleavage. *Angewandte Chemie - International Edition*, **2016**, 55, 3208-11	16.4	151
426	Contemporary screening approaches to reaction discovery and development. *Nature Chemistry*, **2014**, 6, 859-71	17.6	150
425	Rh(III)-catalyzed C□H functionalization/aromatization cascade with 1,3-dienes: a redox-neutral and regioselective access to isoquinolines. *Chemical Science*, **2014**, 5, 2869	9.4	150
424	Dual Activation in N-Heterocyclic Carbene-organocatalysis. *Chemistry Letters*, **2011**, 40, 786-791	1.7	150
423	Synthesis of fluorenones via quaternary ammonium salt-promoted intramolecular dehydrogenative arylation of aldehydes. *Chemical Science*, **2013**, 4, 829-833	9.4	149
422	Rhodium(III)-catalyzed dehydrogenative Heck reaction of salicylaldehydes. *Angewandte Chemie - International Edition*, **2012**, 51, 8092-6	16.4	149
421	Increasing Catalyst Efficiency in C-H Activation Catalysis. *Angewandte Chemie - International Edition*, **2018**, 57, 2296-2306	16.4	149
420	Deaminative Borylation of Aliphatic Amines Enabled by Visible Light Excitation of an Electron Donor-Acceptor Complex. *Chemistry - A European Journal*, **2018**, 24, 17210-17214	4.8	148
419	N-heterocyclic carbene catalyzed formal [3+2] annulation reaction of enals: an efficient enantioselective access to spiro-heterocycles. *Angewandte Chemie - International Edition*, **2014**, 53, 10232-6	16.4	147
418	N-heterocyclic carbene catalyzed switchable reactions of enals with azoalkenes: formal [4 + 3] and [4 + 1] annulations for the synthesis of 1,2-diazepines and pyrazoles. *Journal of the American Chemical Society*, **2014**, 136, 17402-5	16.4	147

417	Imidazo[1,5-a]pyridine-3-ylidenes□pyridine derived N-heterocyclic carbene ligands. *Tetrahedron*, **2005**, 61, 6207-6217	2.4	147
416	Application of a chiral metal-organic framework in enantioselective separation. *Chemical Communications*, **2011**, 47, 12089-91	5.8	145
415	Heterogeneously catalyzed direct C-H thiolation of heteroarenes. *Angewandte Chemie - International Edition*, **2015**, 54, 5772-6	16.4	144
414	Pd/C as a catalyst for completely regioselective C-H functionalization of thiophenes under mild conditions. *Angewandte Chemie - International Edition*, **2014**, 53, 1809-13	16.4	144
413	Completely regioselective direct C-H functionalization of benzo[b]thiophenes using a simple heterogeneous catalyst. *Journal of the American Chemical Society*, **2013**, 135, 7450-3	16.4	143
412	The C-H activation/1,3-diyne strategy: highly selective direct synthesis of diverse bisheterocycles by Rh(III) catalysis. *Angewandte Chemie - International Edition*, **2014**, 53, 9650-4	16.4	142
411	Ruthenium NHC catalyzed highly asymmetric hydrogenation of benzofurans. *Angewandte Chemie - International Edition*, **2012**, 51, 1710-3	16.4	142
410	Rhodium-katalysierte oxidative Olefinierung von C-H-Bindungen in Acetophenonen und Benzamiden. *Angewandte Chemie*, **2011**, 123, 1096-1099	3.6	142
409	Efficient and versatile synthesis of indoles from enamines and imines by cross-dehydrogenative coupling. *Angewandte Chemie - International Edition*, **2012**, 51, 9220-2	16.4	139
408	Ballbot-type motion of N-heterocyclic carbenes on gold surfaces. *Nature Chemistry*, **2017**, 9, 152-156	17.6	138
407	Rapid Assessment of the Reaction-Condition-Based Sensitivity of Chemical Transformations. *Angewandte Chemie - International Edition*, **2019**, 58, 8572-8576	16.4	137
406	Negatively Charged N-Heterocyclic Carbene-Stabilized Pd and Au Nanoparticles and Efficient Catalysis in Water. *ACS Catalysis*, **2015**, 5, 5414-5420	13.1	137
405	[3]Dendralene synthesis: rhodium(III)-catalyzed alkenyl C-H activation and coupling reaction with allenyl carbinol carbonate. *Angewandte Chemie - International Edition*, **2013**, 52, 12430-4	16.4	137
404	Visible-Light Photoredox-Catalyzed Semipinacol-Type Rearrangement: Trifluoromethylation/Ring Expansion by a Radical-Polar Mechanism. *Angewandte Chemie - International Edition*, **2015**, 54, 11577-80	16.4	137
403	Rh[III]-catalyzed C-H amidation using aroyloxycarbamates to give N-Boc protected arylamines. *Organic Letters*, **2013**, 15, 3014-7	6.2	135
402	Switchable selectivity in an NHC-catalysed dearomatizing annulation reaction. *Nature Chemistry*, **2015**, 7, 842-7	17.6	134
401	□MsO/TsO/Cl ketones as oxidized alkyne equivalents: redox-neutral rhodium(III)-catalyzed C-H activation for the synthesis of N-heterocycles. *Angewandte Chemie - International Edition*, **2014**, 53, 2754-8	16.4	134
400	Intermolecular N-heterocyclic carbene catalyzed hydroacylation of arynes. *Angewandte Chemie - International Edition*, **2010**, 49, 9761-4	16.4	134

399	N-formylation of amines by methanol activation. *Organic Letters*, **2013**, 15, 1776-9	6.2	132
398	Dual gold/photoredox-catalyzed C(sp)-H arylation of terminal alkynes with diazonium salts. *Chemical Science*, **2016**, 7, 89-93	9.4	131
397	Multicomponent Oxyalkylation of Styrenes Enabled by Hydrogen-Bond-Assisted Photoinduced Electron Transfer. *Angewandte Chemie - International Edition*, **2017**, 56, 3708-3711	16.4	131
396	Unnatural Amino Acid Synthesis Enabled by the Regioselective Cobalt(III)-Catalyzed Intermolecular Carboamination of Alkenes. *Angewandte Chemie - International Edition*, **2016**, 55, 15166-15170	16.4	131
395	Control over Organometallic Intermediate Enables Cp*Co(III) Catalyzed Switchable Cyclization to Quinolines and Indoles. *ACS Catalysis*, **2016**, 6, 2352-2356	13.1	131
394	Redox-Neutral Manganese(I)-Catalyzed C-H Activation: Traceless Directing Group Enabled Regioselective Annulation. *Angewandte Chemie - International Edition*, **2017**, 56, 12778-12782	16.4	130
393	N-Heterocyclic carbene (NHC)-catalyzed intermolecular hydroacylation of cyclopropenes. *Journal of the American Chemical Society*, **2011**, 133, 8130-3	16.4	129
392	N-Heterocyclic Carbenes in Asymmetric Hydrogenation. *ACS Catalysis*, **2016**, 6, 5978-5988	13.1	129
391	Mechanistic Studies on a Cooperative NHC Organocatalysis/Palladium Catalysis System: Uncovering Significant Lessons for Mixed Chiral Pd(NHC)(PR) Catalyst Design. *Journal of the American Chemical Society*, **2017**, 139, 4443-4451	16.4	127
390	A Comparative Investigation: Group 9 Cp*M(III)-Catalyzed Formal [4+ 2] Cycloaddition as an Atom-Economic Approach to Quinazolines. *Organic Letters*, **2016**, 18, 2090-3	6.2	126
389	Manganese-catalyzed allylation sequential C-H and C-C/C-Het bond activation. *Chemical Science*, **2017**, 8, 3379-3383	9.4	124
388	Tailor-made N-heterocyclic carbenes for nanoparticle stabilization. *Chemical Communications*, **2014**, 50, 3204-7	5.8	123
387	Catalysis-based enantioselective total synthesis of the macrocyclic spermidine alkaloid isooncinotine. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 11960-5	11.5	122
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385	Phosphoryl-related directing groups in rhodium(III) catalysis: a general strategy to diverse P-containing frameworks. *Organic Letters*, **2013**, 15, 4504-7	6.2	120
384	Hydrogenation of fluoroarenes: Direct access to all--(multi)fluorinated cycloalkanes. *Science*, **2017**, 357, 908-912	33.3	120
383	Rhodium(III)-catalyzed cyclative capture approach to diverse 1-aminoindoline derivatives at room temperature. *Angewandte Chemie - International Edition*, **2015**, 54, 1657-61	16.4	119
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380	Visible-Light-Mediated Deaminative Three-Component Dicarbofunctionalization of Styrenes with Benzylic Radicals. *ACS Catalysis*, **2019**, 9, 236-241	13.1	119
379	A family of chiral metal-organic frameworks. *Chemistry - A European Journal*, **2011**, 17, 2099-106	4.8	118
378	Asymmetric cross-coupling of non-activated secondary alkyl halides. *Angewandte Chemie - International Edition*, **2008**, 47, 8347-9	16.4	117
377	Superparamagnetic nanoparticles for asymmetric catalysis□ perfect match. *Catalysis Science and Technology*, **2011**, 1, 13	5.5	116
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375	Conjugate umpolung of □,□-disubstituted enals by dual catalysis with an N-heterocyclic carbene and a Br□sted acid: facile construction of contiguous quaternary stereocenters. *Angewandte Chemie - International Edition*, **2014**, 53, 10515-9	16.4	115
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373	Asymmetric hydrogenation of thiophenes and benzothiophenes. *Journal of the American Chemical Society*, **2012**, 134, 15241-4	16.4	114
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371	Triplet Energy Transfer Photocatalysis: Unlocking the Next Level. *CheM*, **2020**, 6, 1888-1903	16.2	110
370	Rh(III)-catalyzed dehydrogenative alkylation of (hetero)arenes with allylic alcohols, allowing aldol condensation to indenes. *Chemical Communications*, **2013**, 49, 6489-91	5.8	109
369	Milde Rhodium(III)-katalysierte C-H-Aktivierung und intermolekulare Anellierung mit Allenen. *Angewandte Chemie*, **2012**, 124, 7430-7434	3.6	109
368	Rh(III) -Catalyzed C-H Activation with Pyridotriazoles: Direct Access to Fluorophores for Metal-Ion Detection. *Angewandte Chemie - International Edition*, **2015**, 54, 10975-9	16.4	108
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366	Diastereoselective Allylation of Aldehydes by Dual Photoredox and Chromium Catalysis. *Journal of the American Chemical Society*, **2018**, 140, 12705-12709	16.4	106
365	Rh(III)-catalyzed halogenation of vinylic C-H Bonds: rapid and general access to Z-halo acrylamides. *Organic Letters*, **2013**, 15, 3860-3	6.2	105
364	Indolsynthese durch Rhodium(III)-katalysierte Hydrazin-dirigierte C-H-Aktivierung: redoxneutral und spurlos durch N-N-Bindungsspaltung. *Angewandte Chemie*, **2013**, 125, 12652-12656	3.6	105

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362	Tunable Heterogeneous Catalysis: N-Heterocyclic Carbenes as Ligands for Supported Heterogeneous Ru/K-Al2O3 Catalysts To Tune Reactivity and Selectivity. *Journal of the American Chemical Society*, **2016**, 138, 10718-21	16.4	104
361	Palladium-catalyzed C-allylation of benzoins and an NHC-catalyzed three component coupling derived thereof: compatibility of NHC- and Pd-catalysts. *Organic Letters*, **2008**, 10, 4243-6	6.2	103
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