

Martin Oestreich

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

387
papers

13,573
citations

65
h-index

95
g-index

488
ext. papers

15,549
ext. citations

8.5
avg, IF

7.53
L-index

#	Paper	IF	Citations
387	A unified survey of Si-H and H-H bond activation catalysed by electron-deficient boranes. <i>Chemical Society Reviews</i> , 2015 , 44, 2202-20	58.5	381
386	Conclusive evidence for an S(N)2-Si mechanism in the B(C6F5)3-catalyzed hydrosilylation of carbonyl compounds: implications for the related hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5997-6000	16.4	334
385	Main-Group Lewis Acids for C-H Bond Activation. <i>ACS Catalysis</i> , 2013 , 3, 1578-1587	13.1	288
384	Activation of the Si-B interelement bond: mechanism, catalysis, and synthesis. <i>Chemical Reviews</i> , 2013 , 113, 402-41	68.1	267
383	Polishing a diamond in the rough: "Cu--H" catalysis with silanes. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 498-504	16.4	244
382	Cooperative catalytic activation of Si-H bonds by a polar Ru-S bond: regioselective low-temperature C-H silylation of indoles under neutral conditions by a Friedel-Crafts mechanism. <i>Journal of the American Chemical Society</i> , 2011 , 133, 3312-5	16.4	197
381	Enantioselective formal hydration of α -unsaturated acceptors: asymmetric conjugate addition of silicon and boron nucleophiles. <i>Chemical Communications</i> , 2011 , 47, 7917-32	5.8	187
380	Catalytic asymmetric synthesis of quaternary carbons bearing two aryl substituents. Enantioselective synthesis of 3-alkyl-3-aryl oxindoles by catalytic asymmetric intramolecular heck reactions. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6261-71	16.4	184
379	Silylum ions in catalysis. <i>Dalton Transactions</i> , 2010 , 39, 9176-84	4.3	177
378	Enantioselective conjugate borylation. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1194-6	16.4	168
377	Experimental analysis of the catalytic cycle of the borane-promoted imine reduction with hydrosilanes: spectroscopic detection of unexpected intermediates and a refined mechanism. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17537-46	16.4	145
376	Catalytic generation of boreniun ions by cooperative B-H bond activation: the elusive direct electrophilic borylation of nitrogen heterocycles with pinacolborane. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10978-81	16.4	141
375	Schlesiger Nachweis eines SN2-Si-Mechanismus in der B(C6F5)3-katalysierten Hydrosilylierung von Carbonylverbindungen: Einsichten in die verwandte Hydrierung. <i>Angewandte Chemie</i> , 2008 , 120, 6086-6089	3.6	127
374	Strategies for catalytic asymmetric electrophilic alpha halogenation of carbonyl compounds. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2324-7	16.4	127
373	Kinetic resolution of chiral secondary alcohols by dehydrogenative coupling with recyclable silicon-stereogenic silanes. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7620-4	16.4	127
372	Potassium tert-Butoxide-Catalyzed Dehydrogenative C-H Silylation of Heteroaromatics: A Combined Experimental and Computational Mechanistic Study. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6867-6879	16.4	122
371	3-Silylated cyclohexa-1,4-dienes as precursors for gaseous hydrosilanes: the B(C6F5)3-catalyzed transfer hydrosilylation of alkenes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11905-7	16.4	116

370	Silicon-Stereogenic Silanes in Asymmetric Catalysis. <i>Synlett</i> , 2007 , 2007, 1629-1643	2.2	116
369	Electrophilic Aromatic Substitution with Silicon Electrophiles: Catalytic Friedel-Crafts C-H Silylation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 52-59	16.4	112
368	Rhodium-catalyzed enantioselective conjugate silyl transfer: 1,4-addition of silyl boronic esters to cyclic enones and lactones. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 5675-7	16.4	108
367	Catalytic asymmetric C-Si bond formation to acyclic alpha,beta-unsaturated acceptors by Rh(I)-catalyzed conjugate silyl transfer using a Si-B linkage. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3818-20	16.4	107
366	Temperature-Dependent Chemoselective Hydrosilylation of Carbon Dioxide to Formaldehyde or Methanol Oxidation State. <i>Organometallics</i> , 2015 , 34, 543-546	3.8	103
365	C(sp ³)-F bond activation of CF ₃ -substituted anilines with catalytically generated silicon cations: spectroscopic evidence for a hydride-bridged Ru-S dimer in the catalytic cycle. <i>Journal of the American Chemical Society</i> , 2013 , 135, 1248-51	16.4	103
364	B(C ₆ F ₅) ₃ -Catalyzed Reduction of Ketones and Imines Using Silicon-Stereogenic Silanes: Stereoinduction by Single-Point Binding. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 5047-5056	3.2	98
363	Transfer Hydrosilylation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 494-9	16.4	93
362	Catalytic 1,4-selective hydrosilylation of pyridines and benzannulated congeners. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10076-9	16.4	92
361	Cooperative Catalysis at Metal-Sulfur Bonds. <i>Accounts of Chemical Research</i> , 2017 , 50, 1258-1269	24.3	91
360	Copper-Catalyzed Decarboxylative Radical Silylation of Redox-Active Aliphatic Carboxylic Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11649-11652	16.4	90
359	Brønsted Acid-Promoted Formation of Stabilized Silylium Ions for Catalytic Friedel-Crafts C-H Silylation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7868-71	16.4	89
358	Illuminating the mechanism of the borane-catalyzed hydrosilylation of imines with both an axially chiral borane and silane. <i>Chemistry - A European Journal</i> , 2012 , 18, 14079-84	4.8	89
357	Asymmetric Si-O coupling of alcohols. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 1497-504	3.9	88
356	Silylium ion-catalyzed challenging Diels-Alder reactions: the danger of hidden proton catalysis with strong Lewis acids. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4421-8	16.4	87
355	Copper-catalyzed Si-B bond activation in branched-selective allylic substitution of linear allylic chlorides. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8513-5	16.4	87
354	Taming the silylium ion for low-temperature Diels-Alder reactions. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9077-9	16.4	86
353	Neighbouring-Group Effects in Heck Reactions. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 783-792	3.9	84

352	Insight into the mechanism of carbonyl hydrosilylation catalyzed by Brookhart's cationic iridium(III) pincer complex. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6912-5	16.4	81
351	Formal SiH4 chemistry using stable and easy-to-handle surrogates. <i>Nature Chemistry</i> , 2015 , 7, 816-22	17.6	80
350	Catalytic dehydrogenative Si-N coupling of pyrroles, indoles, carbazoles as well as anilines with hydrosilanes without added base. <i>Chemical Communications</i> , 2013 , 49, 1506-8	5.8	80
349	Si-H bond activation: bridging Lewis acid catalysis with Brookhart's iridium(III) pincer complex and B(C6F5)3. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5216-8	16.4	80
348	B(C6F5)3-catalyzed transfer hydrogenation of imines and related heteroarenes using cyclohexa-1,4-dienes as a dihydrogen source. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1965-8	16.4	79
347	Friedel-Crafts-Type Intermolecular C-H Silylation of Electron-Rich Arenes Initiated by Base-Metal Salts. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3204-7	16.4	79
346	Activation of the Si-B linkage: copper-catalyzed addition of nucleophilic silicon to imines. <i>Organic Letters</i> , 2011 , 13, 2094-7	6.2	78
345	Vom Schleifen eines Rohdiamanten die Cu-H-Katalyse mit Silanen. <i>Angewandte Chemie</i> , 2007 , 119, 504-510	3.6	78
344	Kinetic resolution and desymmetrization by stereoselective silylation of alcohols. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 248-50	16.4	78
343	Oxidative palladium(II)-catalyzed C-7 alkenylation of indolines. <i>Organic Letters</i> , 2013 , 15, 5374-7	6.2	77
342	Enantioselective FujiwaraMoritani Indole and Pyrrole Annulations Catalyzed by Chiral Palladium(II)NcOx Complexes. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 174-182	3.2	76
341	Direct and Transfer Hydrosilylation Reactions Catalyzed by Fully or Partially Fluorinated Triarylboranes: A Systematic Study. <i>Organometallics</i> , 2015 , 34, 790-799	3.8	75
340	Asymmetric synthesis of chiral allylic silanes by enantioconvergent E-selective copper(I)-catalyzed allylic silylation. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4650-3	16.4	74
339	Oxidative palladium(II)-catalyzed dehydrogenative C-H/C-H cross-coupling of 2,3-substituted indolines with arenes at the C7 position. <i>Chemistry - A European Journal</i> , 2013 , 19, 10845-8	4.8	73
338	Asymmetric conjugate silyl transfer in iterative catalytic sequences: synthesis of the C7-C16 fragment of (+)-neopeltolide. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6195-8	16.4	73
337	Catalytic Friedel-Crafts C-H Borylation of Electron-Rich Arenes: Dramatic Rate Acceleration by Added Alkenes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3712-3717	16.4	71
336	Intermolecular chirality transfer from silicon to carbon: interrogation of the two-silicon cycle for Pd-catalyzed hydrosilylation by stereoisotopochromic crossover. <i>Journal of the American Chemical Society</i> , 2007 , 129, 502-3	16.4	71
335	Stereoselective alcohol silylation by dehydrogenative Si-O coupling: scope, limitations, and mechanism of the cu-h-catalyzed non-enzymatic kinetic resolution with silicon-stereogenic silanes. <i>Chemistry - A European Journal</i> , 2008 , 14, 11512-28	4.8	71

334	Preparation of a Privileged Silicon-Stereogenic Silane: Classical versus Kinetic Resolution. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 1171-1182	5.6	71
333	Copper-Catalyzed Cross-Coupling of Silicon Pronucleophiles with Unactivated Alkyl Electrophiles Coupled with Radical Cyclization. <i>Journal of the American Chemical Society</i> , 2016 , 138, 14222-14225	16.4	70
332	Mechanism of the cooperative Si-H bond activation at Ru-S bonds. <i>Chemical Science</i> , 2015 , 6, 4324-4334	9.4	69
331	Aerobic palladium(II)-catalyzed 5-endo-trig cyclization: an entry into the diastereoselective C-2 alkenylation of indoles with tri- and tetrasubstituted double bonds. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1265-9	16.4	69
330	The Asymmetric Piers Hydrosilylation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6940-3	16.4	69
329	Peripheral mechanism of a carbonyl hydrosilylation catalysed by an SiNSi iron pincer complex. <i>Chemical Science</i> , 2015 , 6, 7143-7149	9.4	68
328	Copper-catalyzed 1,2-addition of nucleophilic silicon to aldehydes: mechanistic insight and catalytic systems. <i>Chemistry - A European Journal</i> , 2011 , 17, 13538-43	4.8	68
327	Enantioselective addition of silicon nucleophiles to aldimines using a preformed NHC-Copper(I) complex as the catalyst. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4964-7	16.4	67
326	The family of ferrocene-stabilized silylum ions: synthesis, ^{29}Si NMR characterization, Lewis acidity, substituent scrambling, and quantum-chemical analyses. <i>Chemistry - A European Journal</i> , 2013 , 19, 16579-1674	4.8	67
325	Exceptionally mild palladium(II)-catalyzed dehydrogenative C-H/C-H arylation of indolines at the C-7 position under air. <i>Organic Letters</i> , 2014 , 16, 6020-3	6.2	66
324	Transition-Metal-Catalyzed C-P Cross-Coupling Reactions. <i>Synthesis</i> , 2010 , 2010, 3037-3062	2.9	66
323	Rhodium(I)-catalyzed enantioselective 1,4-addition of nucleophilic silicon. <i>Tetrahedron</i> , 2009 , 65, 5513-5520	6.2	65
322	Chiral recognition with silicon-stereogenic silanes: remarkable selectivity factors in the kinetic resolution of donor-functionalized alcohols. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 9335-8	16.4	65
321	A unique transition metal-stabilized silicon cation. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12442-4	16.4	64
320	Catalytic asymmetric Si-O coupling of simple achiral silanes and chiral donor-functionalized alcohols. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 2223-6	16.4	64
319	Kinetische Racematspaltung von chiralen sekundären Alkoholen durch dehydrierende Kupplung mit zurückgewinnbaren, siliciumstereogenen Silanen. <i>Angewandte Chemie</i> , 2005 , 117, 7793-7797	3.6	63
318	A new direction in C-H alkenylation: silanol as a helping hand. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1763-5	16.4	62
317	Cationic silicon Lewis acids in catalysis. <i>Nature Reviews Chemistry</i> , 2020 , 4, 54-62	34.6	62

316	Self-regeneration of a silylum ion catalyst in carbonyl reduction. <i>Chemical Communications</i> , 2011 , 47, 334-6	5.8	61
315	"True" chirality transfer from silicon to carbon: asymmetric amplification in a reagent-controlled palladium-catalyzed hydrosilylation. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1661-4	16.4	61
314	Metal-Free Phosphine Oxide Reductions Catalyzed by B(C ₆ F ₅) ₃ and Electrophilic Fluorophosphonium Cations. <i>Organometallics</i> , 2016 , 35, 1030-1035	3.8	61
313	B(C ₆ F ₅) ₃ -catalyzed transfer of dihydrogen from one unsaturated hydrocarbon to another. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12158-62	16.4	60
312	Potassium tert-butoxide-catalyzed dehydrogenative Si-O coupling: reactivity pattern and mechanism of an underappreciated alcohol protection. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 406-10	4.5	60
311	Silicon- and tin-based cuprates: now catalytic in copper!. <i>Chemistry - A European Journal</i> , 2010 , 16, 402-124.8	14.8	59
310	An axially chiral, electron-deficient borane: synthesis, coordination chemistry, Lewis acidity, and reactivity. <i>Chemistry - A European Journal</i> , 2011 , 17, 9406-14	4.8	57
309	Enantioselektive konjugierte Borylierung. <i>Angewandte Chemie</i> , 2010 , 122, 1214-1216	3.6	57
308	Catalytic Electrophilic C-H Silylation of Pyridines Enabled by Temporary Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15876-9	16.4	56
307	Base-free dehydrogenative coupling of enolizable carbonyl compounds with silanes. <i>Organic Letters</i> , 2012 , 14, 2842-5	6.2	56
306	Chirality transfer from silicon to carbon. <i>Chemistry - A European Journal</i> , 2005 , 12, 30-7	4.8	56
305	Breaking news on the enantioselective intermolecular Heck reaction. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2282-5	16.4	55
304	Stereoselective preparation and reactions of configurationally defined dialkylzinc compounds. <i>Chemistry - A European Journal</i> , 2000 , 6, 2748-61	4.8	55
303	Boron Lewis Acid-Catalyzed Hydroboration of Alkenes with Pinacolborane: BAr Does What B(C ₆ F ₅) ₃ Cannot Do!. <i>Chemistry - A European Journal</i> , 2016 , 22, 13840-13844	4.8	54
302	Emerging Strategies for CH ₃ Silylation. <i>Trends in Chemistry</i> , 2020 , 2, 13-27	14.8	54
301	On the Mechanism of the Reductive Metallation of Asymmetrically Substituted Silyl Chlorides. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 184-195	3.2	53
300	Hypervalent Silicon as a Reactive Site in Selective Bond-Forming Processes. <i>Synthesis</i> , 2005 , 2005, 1727-1747	14.8	53
299	Thwarting Hydride Elimination: Capture of the Alkylpalladium Intermediate of an Asymmetric Intramolecular Heck Reaction. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 1439-1442	16.4	53

298	Copper-Catalyzed Conjugate Addition of a Bis(triorganosilyl) Zinc and a Methyl(triorganosilyl) Magnesium. <i>Synlett</i> , 2004 , 2004, 2139-2142	2.2	51
297	Trans-selective radical silylzincation of ynamides. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11333-7	16.4	50
296	A Catalytic SE Ar Approach to Dibenzosiloles Functionalized at Both Benzene Cores. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10276-9	16.4	50
295	Silylzincation of carbon-carbon multiple bonds revisited. <i>Chemical Communications</i> , 2006 , 311-3	5.8	50
294	BArF ₃ -Catalyzed Imine Hydroboration with Pinacolborane Not Requiring the Assistance of an Additional Lewis Base. <i>Organometallics</i> , 2017 , 36, 2381-2384	3.8	49
293	Two-directional desymmetrization by double 1,4-addition of silicon and boron nucleophiles. <i>Organic Letters</i> , 2012 , 14, 2406-9	6.2	49
292	Silylium Ion Promoted Reduction of Imines with Hydrosilanes. <i>Organometallics</i> , 2013 , 32, 6643-6646	3.8	49
291	BINAP versus BINAP(O) in asymmetric intermolecular Mizoroki-Heck reactions: substantial effects on selectivities. <i>Chemistry - A European Journal</i> , 2011 , 17, 11914-8	4.8	49
290	Direct catalytic access to N-silylated enamines from enolizable imines and hydrosilanes by base-free dehydrogenative Si-N coupling. <i>Chemistry - A European Journal</i> , 2014 , 20, 9250-4	4.8	48
289	Ferrocene-Stabilized Silicon Cations as Catalysts for Diels-Alder Reactions: Attempted Experimental Quantification of Lewis Acidity and ReactIR Kinetic Analysis. <i>Organometallics</i> , 2014 , 33, 302-308	3.8	48
288	Copper(I)-catalyzed regioselective propargylic substitution involving Si-B bond activation. <i>Organic Letters</i> , 2011 , 13, 4462-5	6.2	48
287	Copper(I)-catalyzed regio- and chemoselective single and double addition of nucleophilic silicon to propargylic chlorides and phosphates. <i>Organic Letters</i> , 2012 , 14, 4010-3	6.2	47
286	Kinetic resolution of donor-functionalised tertiary alcohols by Cu-H-catalysed stereoselective silylation using a strained silicon-stereogenic silane. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 1435-40	3.9	47
285	Silylium Ions: From Elusive Reactive Intermediates to Potent Catalysts. <i>Chemical Reviews</i> , 2021 , 121, 5889-5985	68.1	47
284	3-Silylierte Cyclohexa-1,4-diene als Vorstufen für gasförmige Hydrosilane: die B(C ₆ F ₅) ₃ -katalysierte Transferhydrosilylierung von Alkenen. <i>Angewandte Chemie</i> , 2013 , 125, 12121-12124	3.6	46
283	Catalytic desymmetrizing intramolecular Heck reaction: evidence for an unusual hydroxy-directed migratory insertion. <i>Angewandte Chemie - International Edition</i> , 2004 , 44, 149-52	16.4	46
282	B(C ₆ F ₅) ₃ -catalyzed hydrogenation of oxime ethers without cleavage of the N-O bond. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13278-81	16.4	45
281	C(sp ³)Si Cross-Coupling. <i>ACS Catalysis</i> , 2019 , 9, 16-24	13.1	45

280	B(C ₆ F ₅) ₃ -Catalyzed Chemoselective Defunctionalization of Ether-Containing Primary Alkyl Tosylates with Hydrosilanes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3389-3391	16.4	43
279	Transfer Hydrocyanation of α - and β -Substituted Styrenes Catalyzed by Boron Lewis Acids. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3579-3583	16.4	41
278	Expedient access to branched allylic silanes by copper-catalysed allylic substitution of linear allylic halides. <i>Chemical Communications</i> , 2010 , 46, 568-70	5.8	40
277	Rhodiumkatalysierter enantioselektiver konjugierter Silyltransfer: 1,4-Addition von Silylboronsäureestern an cyclische Enone und Lactone. <i>Angewandte Chemie</i> , 2006 , 118, 5803-5805	3.6	40
276	Oxygen donor-mediated equilibration of diastereomeric alkene-palladium(II) intermediates in enantioselective desymmetrizing Heck cyclizations. <i>Journal of the American Chemical Society</i> , 2007 , 129, 13455-63	16.4	40
275	Mechanistic insight into copper-catalysed allylic substitutions with bis(triorganosilyl) zincs. Enantiospecific preparation of alpha-chiral silanes. <i>Chemical Communications</i> , 2006 , 3643-5	5.8	40
274	Beyond Carbon: Enantioselective and Enantiospecific Reactions with Catalytically Generated Boryl- and Silylcopper Intermediates. <i>ACS Central Science</i> , 2020 , 6, 1070-1081	16.8	39
273	Katalytische asymmetrische C-Si-Bindungsknüpfung an acyclischen α -ungesättigten Akzeptoren durch Rh-katalysierten konjugierten Silyltransfer mithilfe einer Si-B-Bindung. <i>Angewandte Chemie</i> , 2008 , 120, 3878-3880	3.6	39
272	Transferhydrosilylierung. <i>Angewandte Chemie</i> , 2016 , 128, 504-509	3.6	39
271	Tertiary β -Silyl Alcohols by Diastereoselective Coupling of 1,3-Dienes and Acylsilanes Initiated by Enantioselective Copper-Catalyzed Borylation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8211-8215 ^{16.4} ³⁸		
270	Kinetische Racematspaltung und Desymmetrisierung durch stereoselektive Silylierung von Alkoholen. <i>Angewandte Chemie</i> , 2008 , 120, 254-257	3.6	38
269	Synthesis of 2,6-Dihalogenated Purine Nucleosides by Thermostable Nucleoside Phosphorylases. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 1237-1244	5.6	37
268	Practical Synthesis of Allylic Silanes from Allylic Esters and Carbamates by Stereoselective Copper-Catalyzed Allylic Substitution Reactions. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 637-640	5.6	37
267	Single-Electron Transfer Reactions in Frustrated and Conventional Silylium Ion/Phosphane Lewis Pairs. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15267-15271	16.4	37
266	Ligand-controlled diastereodivergent, enantio- and regioselective copper-catalyzed hydroxyalkylboration of 1,3-dienes with ketones. <i>Chemical Science</i> , 2019 , 10, 9679-9683	9.4	36
265	Salt-Free Preparation of Trimethylsilyl Ethers by B(C ₆ F ₅) ₃ -Catalyzed Transfer Silylation by Using a Me ₃ SiH Surrogate. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 2077-2083	3.2	36
264	A Convergent Method for the Synthesis of Highly Enantiomerically Enriched Cyclic Silanes with Silicon-Centered Chirality. <i>Synthesis</i> , 2003 , 2003, 2725-2739	2.9	36
263	Kinetic Resolution of Tertiary Propargylic Alcohols by Enantioselective Cu-H-Catalyzed Si-O Coupling. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1970-1974	16.4	36

262	Cyclohexa-1,4-dienes in transition-metal-free ionic transfer processes. <i>Chemical Science</i> , 2017 , 8, 4688-4695	35
261	Access to Fully Alkylated Germanes by B(CF) ₃ -Catalyzed Transfer Hydrogermylation of Alkenes. <i>Organic Letters</i> , 2017 , 19, 1898-1901	6.2 35
260	Chirale Erkennung mit siliciumstereogenen Silanen: außergewöhnliche Selektivitätsfaktoren bei der kinetischen Racematspaltung von donorfunktionalisierten Alkoholen. <i>Angewandte Chemie</i> , 2007 , 119, 9496-9499	3.6 35
259	Intramolecularly Sulfur-Stabilized Silicon Cations as Lewis Acid Catalysts. <i>Organometallics</i> , 2014 , 33, 3618-3628	34
258	Kupferkatalysierte decarboxylierende radikalische Silylierung von redoxaktiven aliphatischen Carbonsäurederivaten. <i>Angewandte Chemie</i> , 2017 , 129, 11808-11811	3.6 34
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