Teck-Peng Loh

List of Publications by Year in Descending Order

452 papers	17,855 citations	74 h-index	102 g-index
615 ext. papers	20,065 ext. citations	6.6 avg, IF	7.32 L-index

#	Paper	IF	Citations
452	Metal-Free Access to (Spirocyclic)Tetrahydro-carbolines in Water Using an Ion-Pair as a Superacidic Precatalyst. *ACS Catalysis*, **2022**, 12, 2052-2057	13.1	3
451	Recent developments in chemical conjugation strategies targeting native amino acids in proteins and their applications in antibody-drug conjugates. *Chemical Science*, **2021**, 12, 13613-13647	9.4	9
450	Dehydrative Allylation of Alkenyl sp C-H Bonds. *Organic Letters*, **2021**, 23, 4368-4373	6.2	0
449	Targeting RNA editing of antizyme inhibitor 1: A potential oligonucleotide-based antisense therapy for cancer. *Molecular Therapy*, **2021**, 29, 3258-3273	11.7	2
448	Direct Synthesis of -Amino Nitriles from Sulfonamides via Base-Mediated C-H Cyanation. *Organic Letters*, **2021**, 23, 4018-4022	6.2	2
447	Visible-Light-Induced Trifluoromethylation of Allylic Alcohols. *Organic Letters*, **2021**, 23, 5235-5240	6.2	5
446	Access to multi-functionalized oxazolines via silver-catalyzed heteroannulation of enamides with sulfoxonium ylides. *Chinese Chemical Letters*, **2021**, 32, 1411-1414	8.1	2
445	Additive-free N-methylation of amines with methanol over supported iridium catalyst. *Catalysis Science and Technology*, **2021**, 11, 3364-3375	5.5	2
444	Photoinitiated stereoselective direct C(sp2)H perfluoroalkylation and difluoroacetylation of enamides. *Organic Chemistry Frontiers*, **2021**, 8, 4086-4094	5.2	8
443	Visible light-induced mono-bromination of arenes with BrCCl. *Chemical Communications*, **2021**, 57, 5977-5980	5.8	4
442	Copper-Catalyzed Meta-Selective Arylation of Phenol Derivatives: An Easy Access to m-Aryl Phenols. *ACS Catalysis*, **2021**, 11, 2302-2309	13.1	5
441	Water-Tolerant -Acylation of Phenols. *Organic Letters*, **2021**, 23, 6594-6598	6.2	1
440	Intramolecular AlkeneAlkene Coupling via Rh(III)-Catalyzed Alkenyl sp2 CH Functionalization: Divergent Pathways to Indene or -Naphthol Derivatives. *ACS Catalysis*, **2021**, 11, 11494-11500	13.1	2
439	Metal-free C(sp)-H functionalization of sulfonamides strain-release rearrangement. *Chemical Science*, **2021**, 12, 4034-4040	9.4	4
438	Synthesis of Vinylic Sulfones in Aqueous Media. *Organic Letters*, **2021**, 23, 1060-1065	6.2	6
437	Readily useable bulk phenoxazine-based covalent organic framework cathode materials with superior kinetics and high redox potentials. *Journal of Materials Chemistry A*, **2021**, 9, 10661-10665	13	7
436	Dehydrative allylation of PH species under metal-free conditions. *Green Chemistry*, **2021**, 23, 1633-1637	10	2

435	Practical allylation with unactivated allylic alcohols under mild conditions. *Organic Chemistry Frontiers*, **2021**, 8, 3354-3359	5.2	0
434	Directed Palladium(II)-Catalyzed Intermolecular Anti-Markovnikov Hydroarylation of Unactivated Alkenes with (Hetero)arylsilanes. *Organic Letters*, **2020**, 22, 9022-9028	6.2	7
433	Palladium-Catalyzed anti-Michael Reductive Heck Reaction of □,□Unsaturated Esters. *ACS Catalysis*, **2020**, 10, 7262-7268	13.1	11
432	Reciprocal-Activation Strategy for Allylic Sulfination with Unactivated Allylic Alcohols. *Organic Letters*, **2020**, 22, 4893-4897	6.2	8
431	Direct Hiyama Cross-Coupling of (Hetero)arylsilanes with C(sp)-H Bonds Enabled by Cobalt Catalysis. *Organic Letters*, **2020**, 22, 2663-2668	6.2	13
430	2-Azirines as Potential Bifunctional Chemical Linkers of Cysteine Residues in Bioconjugate Technology. *Organic Letters*, **2020**, 22, 2038-2043	6.2	9
429	Cleavage and Reassembly C?C Bonds of Ynones to Access Highly Functionalized Ketones. *ACS Catalysis*, **2020**, 10, 3664-3669	13.1	5
428	Selective Dehydrogenative Acylation of Enamides with Aldehydes Leading to Valuable □Ketoenamides. *Organic Letters*, **2020**, 22, 944-949	6.2	10
427	Stereoselective synthesis of trifluoromethyl-substituted 2H-furan-amines from enaminones. *Chemical Communications*, **2020**, 56, 2043-2046	5.8	17
426	Dehydrative Cross-Coupling of Allylic Alcohols with Alkynes. *Organic Letters*, **2020**, 22, 1599-1604	6.2	11
425	Intermolecular Reductive Heck Reaction of Unactivated Aliphatic Alkenes with Organohalides. *Organic Letters*, **2020**, 22, 694-699	6.2	12
424	Alkaline-Earth Metal Catalyzed Dehydrative Allylic Alkylation. *Organic Letters*, **2020**, 22, 31-35	6.2	12
423	Dichloroacetophenone Derivatives: A Class of Bioconjugation Reagents for Disulfide Bridging. *Organic Letters*, **2020**, 22, 8193-8197	6.2	3
422	Hydrazine as Facile Nitrogen Source for Direct Synthesis of Amines over a Supported Pt Catalyst. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 16283-16295	8.3	3
421	Regio- and stereoselective C(sp2)□H acylation of enamides with aldehydes via transition-metal-free photoredox catalysis. *Green Chemistry*, **2020**, 22, 5497-5503	10	13
420	Stereoselective Synthesis of Vinylcyclopropa□indolines via a Rh-Migration Strategy. *Organic Letters*, **2020**, 22, 5978-5983	6.2	3
419	Palladium-Catalyzed Intermolecular Polarity-Mismatched Addition of Unactivated Alkyl Radicals to Unactivated Alkenes. *ACS Catalysis*, **2020**, 10, 14107-14116	13.1	7
418	Macrolactam Synthesis via Ring-Closing Alkene-Alkene Cross-Coupling Reactions. *Organic Letters*, **2020**, 22, 9724-9728	6.2	4

417	Buckyball-Based Spherical Display of Crown Ethers for Custom Design of Ion Transport Selectivity. *Journal of the American Chemical Society*, **2020**, 142, 21082-21090	16.4	10
416	Decarboxylative C-H Alkylation of Heteroarene -Oxides by Visible Light/Copper Catalysis. *Organic Letters*, **2020**, 22, 8978-8983	6.2	11
415	Visible-Light-Induced Regio- and Stereoselective C(sp)-H Trifluoroethylation of Enamides with 2,2,2-Trifluoroethyl Iodide. *Organic Letters*, **2020**, 22, 9029-9035	6.2	10
414	An efficient method for the synthesis of 2-pyridones C-H bond functionalization. *Chemical Communications*, **2020**, 56, 15020-15023	5.8	7
413	Cancer Biomarker-Triggered Disintegrable DNA Nanogels for Intelligent Drug Delivery. *Nano Letters*, **2020**, 20, 8399-8407	11.5	10
412	Iridium-promoted deoxyglycoside synthesis: stereoselectivity and mechanistic insight. *Chemical Science*, **2020**, 12, 2209-2216	9.4	4
411	Transition-Metal-Free Deaminative Vinylation of Alkylamines. *Advanced Synthesis and Catalysis*, **2019**, 361, 4902-4908	5.6	21
410	Calcium-catalyzed regioselective dehydrative cross-coupling of propargylic alcohols with 1,3-dicarbonyl compounds. *Green Chemistry*, **2019**, 21, 5207-5211	10	11
409	MoS2-nanosheet-decorated C-N/Co4S3 nanorod hybrid as a bifunctional electrocatalyst. *Electrochemistry Communications*, **2019**, 106, 106515	5.1	7
408	Selectfluor□catalyzed oxidative cyclization of ynamides enables facile synthesis of oxazolidine-2,4-diones. *Organic Chemistry Frontiers*, **2019**, 6, 3644-3648	5.2	10
407	Stereoselective C(sp)-H Alkylation of Enamides with Unactivated Aliphatic Carboxylic Acids via Decarboxylative Cross-Coupling Reactions. *Organic Letters*, **2019**, 21, 8395-8399	6.2	24
406	Metallic salt-catalyzed direct indium insertion into alkyl iodides and their applications in cross-coupling reactions. *Organic Chemistry Frontiers*, **2019**, 6, 313-318	5.2	14
405	Reactions of 5-Aminoisoxazoles with □-Diazocarbonyl Compounds: Wolff Rearrangement vs N-H Insertion. *Journal of Organic Chemistry*, **2019**, 84, 2676-2688	4.2	3
404	Transition-Metal-Catalyzed Alkenyl sp2 C□H Activation: A Short Account. *Synthesis*, **2019**, 51, 1049-1062	2.9	34
403	Cu(OTf)2-mediated C(sp2)□H arylsulfonylation of enamides via the insertion of sulfur dioxide. *Organic Chemistry Frontiers*, **2019**, 6, 94-98	5.2	41
402	Copper-catalyzed regiodivergent 1,4- and 1,6-conjugate silyl addition to diendioates: access to functionalized allylsilanes. *Organic and Biomolecular Chemistry*, **2019**, 17, 6122-6126	3.9	7
401	Manganese-Catalyzed Ring-Opening Coupling Reactions of Cyclopropanols with Enones. *Organic Letters*, **2019**, 21, 5101-5105	6.2	20
400	Allylic Phosphorus Ylides Directly Generated from Alcohols with Water as the Only Byproduct. *Organic Letters*, **2019**, 21, 4168-4172	6.2	12

399	Reduced graphene oxide-supported cobalt oxide decorated N-doped graphitic carbon for efficient bifunctional oxygen electrocatalysis.. *RSC Advances*, **2019**, 9, 16534-16540	3.7	12
398	Regioselective (Hetero)aryl C–H Thianthrenation and Late-Stage Transformations. *CheM*, **2019**, 5, 1025-1037	23.2	1
397	Palladium-Catalyzed Dialkylation of C-C Triple Bonds: Access to Multi-Functionalized Indenes. *Organic Letters*, **2019**, 21, 3696-3700	6.2	10
396	Palladium-Catalyzed Cascade Intramolecular Cyclization and Allylation of Enynoates with Allylic Alcohols. *Journal of Organic Chemistry*, **2019**, 84, 6729-6736	4.2	12
395	Site-selective C(sp)-H amination of thioamide with anthranils under Cp*Co catalysis. *Chemical Communications*, **2019**, 55, 5519-5522	5.8	29
394	Direct C(sp2)-H Arylsulfonylation of Enamides via Iridium(III)-Catalyzed Insertion of Sulfur Dioxide with Aryldiazonium Tetrafluoroborates. *Advanced Synthesis and Catalysis*, **2019**, 361, 3593-3598	5.6	39
393	Iron-mediated highly diastereoselective allylation of carbonyl compounds with cyclic allylic halides. *Organic Chemistry Frontiers*, **2019**, 6, 1581-1586	5.2	11
392	Regioselective C-H Amidation of (Alkyl)arenes by Iron(II) Catalysis. *Organic Letters*, **2019**, 21, 2736-2739	6.2	8
391	Palladium(II)-Catalyzed Stereospecific Alkenyl C–H Bond Alkylation of Allylamines with Alkyl Iodides. *ACS Catalysis*, **2019**, 9, 4271-4276	13.1	27
390	Lead-Mediated Highly Diastereoselective Allylation of Aldehydes with Cyclic Allylic Halides. *Journal of Organic Chemistry*, **2019**, 84, 5348-5356	4.2	12
389	Supported Iridium Catalyst for the Green Synthesis of 3,3?-Bis(indolyl)methanes Using Methanol As the Bridging Methylene Source. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 8429-8439	8.3	15
388	Divergent Protosilylation and Protoborylation of Polar Enynes. *Organic Letters*, **2019**, 21, 2932-2936	6.2	10
387	Divergent C-H Oxidative Radical Functionalization of Olefins to Install Tertiary Alkyl Motifs Enabled by Copper Catalysis. *Organic Letters*, **2019**, 21, 1607-1611	6.2	15
386	Preparation of Alkyl Indium Reagents by Iodine-Catalyzed Direct Indium Insertion and Their Applications in Cross-Coupling Reactions. *Journal of Organic Chemistry*, **2019**, 84, 3017-3023	4.2	16
385	Cobalt-Catalyzed N-O and C-C Bond Cleavage in 1,2-Oxazetidines: Solvent-Controlled C-H Aminomethylation and Hydroxymethylation of Heteroarenes. *Organic Letters*, **2019**, 21, 1602-1606	6.2	24
384	A Ba/Pd Catalytic System Enables Dehydrative Cross-Coupling and Excellent -Selective Wittig Reactions. *Organic Letters*, **2019**, 21, 7055-7059	6.2	5
383	The ruthenium-catalyzed C-H functionalization of enamides with isocyanates: easy entry to pyrimidin-4-ones. *Chemical Communications*, **2019**, 55, 11115-11118	5.8	15
382	Palladium-Catalyzed Cycloaromatization/Alkylation of -(Alkynyl)styrenes. *Journal of Organic Chemistry*, **2019**, 84, 12848-12855	4.2	4

381	-Amino Acetal: A Synthetic Intermediate for the Construction of Aza-Polycycles. *Organic Letters*, **2019**, 21, 6357-6360	6.2	4
380	Photoredox-catalyzed stereoselective alkylation of enamides with -hydroxyphthalimide esters decarboxylative cross-coupling reactions. *Chemical Science*, **2019**, 10, 8792-8798	9.4	36
379	Iron(0)-Mediated Reformatsky Reaction for the Synthesis of Hydroxyl Carbonyl Compounds. *Organic Letters*, **2019**, 21, 5873-5878	6.2	9
378	Regioselective and Stereoselective Difluoromethylation of Enamides with Difluoromethyltriphenylphosphonium Bromide via Photoredox Catalysis. *Organic Letters*, **2019**, 21, 6155-6159	6.2	31
377	Iron-Catalyzed Carbamoylation of Enamides with Formamides as a Direct Approach to N-Acyl Enamine Amides. *ACS Catalysis*, **2019**, 9, 8128-8135	13.1	19
376	Rhodium-Catalyzed Defluorinative Vinylation of gem-Difluoroalkenes for the Synthesis of 2-Fluoro-1,3-dienes. *Chinese Journal of Chemistry*, **2019**, 37, 1036-1040	4.9	12
375	Chemo- and Regioselective Ring Construction Driven by Visible-Light Photoredox Catalysis: an Access to Fluoroalkylated Oxazolidines Featuring an All-Substituted Carbon Stereocenter. *Advanced Synthesis and Catalysis*, **2019**, 361, 4082-4090	5.6	14
374	Synthesis of Functionalized -Vinyl Aldehydes from Enaminones. *Angewandte Chemie - International Edition*, **2019**, 58, 12674-12679	16.4	23
373	Synthesis of Functionalized -Vinyl Aldehydes from Enaminones. *Angewandte Chemie*, **2019**, 131, 12804-12809	3.6	2
372	Copper-Catalyzed Asymmetric Silylation of Propargyl Dichlorides: Access to Enantioenriched Functionalized Allenylsilanes. *Angewandte Chemie - International Edition*, **2019**, 58, 16538-16542	16.4	21
371	Oxidant-directed chemoselective sulfonylation and sulfonyloximation of alkenes via cleaving the C bond in TosMIC. *Organic Chemistry Frontiers*, **2019**, 6, 835-840	5.2	20
370	Bismuth-Mediated Diastereoselective Allylation Reaction of Carbonyl Compounds with Cyclic Allylic Halides or Cinnamyl Halide. *Advanced Synthesis and Catalysis*, **2019**, 361, 542-549	5.6	13
369	Formal synthesis of chelamidine alkaloids and their derivatives. *Chemical Communications*, **2018**, 54, 3150-3153	5.8	5
368	Combining Fluoroalkylation and Defluorination to Enable Formal [3 + 2 + 1] Heteroannulation by Using Visible-Light Photoredox Organocatalysis. *Organic Letters*, **2018**, 20, 2749-2752	6.2	30
367	Hoveyda-Grubbs II Catalyst: A Useful Catalyst for One-Pot Visible-Light-Promoted Ring Contraction and Olefin Metathesis Reactions. *Organic Letters*, **2018**, 20, 2774-2777	6.2	24
366	Water-promoted C-S bond formation reactions. *Nature Communications*, **2018**, 9, 1321	17.4	52
365	Macrolide Synthesis through Intramolecular Oxidative Cross-Coupling of Alkenes. *Angewandte Chemie*, **2018**, 130, 564-568	3.6	9
364	Copper-catalyzed three-component cyclization of amidines, styrenes, and fluoroalkyl halides for the synthesis of modular fluoroalkylated pyrimidines. *Chemical Communications*, **2018**, 54, 2615-2618	5.8	38

363	Palladium-catalyzed silaborative carbocyclizations of 1,6-diynes. *Chemical Communications*, **2018**, 54, 2357-2360	5.8	11
362	Highly Site-Selective Metal-Free C-H Acyloxylation of Stable Enamines. *Organic Letters*, **2018**, 20, 1256-1260	6.2	38
361	Pyrroline Synthesis via Visible-Light-Promoted Hydroimination of Unactivated Alkenes with N,N?-Dimethylpropylene Urea as H-Donor. *Advanced Synthesis and Catalysis*, **2018**, 360, 1262-1266	5.6	20
360	Directing Group Participated Benzylic C(sp)-H/C(sp)-H Cross-Dehydrogenative Coupling (CDC): Synthesis of Azapolycycles. *Organic Letters*, **2018**, 20, 652-655	6.2	20
359	Indium(III)-Catalyzed Hydration and Hydroalkoxylation of □,□Unsaturated Ketones in Aqueous Media. *Advanced Synthesis and Catalysis*, **2018**, 360, 2632-2637	5.6	14
358	Rh-Catalyzed C-H bond alkylation of indoles with □,□-difluorovinyl tosylate via indolyl group migration. *Chemical Communications*, **2018**, 54, 5618-5621	5.8	23
357	Catalytically Asymmetric Synthesis of 1,3-Bis(silyl)propenes via Copper-Catalyzed Double Proto-Silylations of Polar Enynes. *ACS Catalysis*, **2018**, 8, 5306-5312	13.1	19
356	Synthesis of Alkyl Indium Reagents by Using Unactivated Alkyl Chlorides and Their Applications in Palladium-Catalyzed Cross-Coupling Reactions with Aryl Halides. *Organic Letters*, **2018**, 20, 1902-1905	6.2	27
355	Iridium(III)-Catalyzed Selective and Mild C-H Amidation of Cyclic N-Sulfonyl Ketimines with Organic Azides. *Advanced Synthesis and Catalysis*, **2018**, 360, 416-421	5.6	15
354	In(III)-TMSBr-Catalyzed Cascade Reaction of Diarylalkynes with Acrylates for the Synthesis of Aryldihydronaphthalene Derivatives. *Molecules*, **2018**, 23,	4.8	3
353	Multi-catalyst promoted asymmetric relay reactions. *Organic Chemistry Frontiers*, **2018**, 5, 2765-2768	5.2	10
352	Direct Substitution of Secondary and Tertiary Alcohols To Generate Sulfones under Catalyst- and Additive-Free Conditions. *Organic Letters*, **2018**, 20, 5353-5356	6.2	23
351	Chromium(III)-Catalyzed Addition of Water and Alcohol to □,□Unsaturated Ketones for the Synthesis of □Hydroxyl and □Alkoxyl Ketones in Aqueous Media. *Journal of Organic Chemistry*, **2018**, 83, 10898-10907	4.2	12
350	Visible Light-Mediated Trifluoromethylation of Fluorinated Alkenes via C□ Bond Cleavage. *Advanced Synthesis and Catalysis*, **2018**, 360, 3894-3899	5.6	57
349	Bioinspired Deamination of □-Amino Acid Derivatives Catalyzed by a Palladium/Nickel Complex. *Advanced Synthesis and Catalysis*, **2018**, 360, 3900-3905	5.6	7
348	Palladium-Catalyzed Regioselective Olefination of O-Acetyl Cyanohydrins. *Journal of Organic Chemistry*, **2018**, 83, 8265-8271	4.2	8
347	Regioselective Formal [4 + 2] Cycloadditions of Enaminones with Diazocarbonyls through Rh-Catalyzed C-H Bond Functionalization. *Organic Letters*, **2018**, 20, 3975-3979	6.2	18
346	Palladium-Catalyzed Regiocontrollable Reductive Heck Reaction of Unactivated Aliphatic Alkenes. *Journal of the American Chemical Society*, **2018**, 140, 9332-9336	16.4	83

345	Macrolide Synthesis through Intramolecular Oxidative Cross-Coupling of Alkenes. *Angewandte Chemie - International Edition*, **2018**, 57, 555-559	16.4	48
344	Selective Binding to mRNA Duplex Regions by Chemically Modified Peptide Nucleic Acids Stimulates Ribosomal Frameshifting. *Biochemistry*, **2018**, 57, 149-159	3.2	21
343	Recent Advances in Radical-Initiated C(sp3)□H Bond Oxidative Functionalization of Alkyl Nitriles. *ACS Catalysis*, **2018**, 8, 258-271	13.1	120
342	Polycyclic heteroaromatic ring construction driven by silver/cobalt co-catalyzed desulfonylative and defluorinative fragment-recombination of enol nonaflates with amidines. *Chemical Communications*, **2018**, 54, 12722-12725	5.8	16
341	Synthesis of Polyaromatic Rings: Rh(III)-Catalyzed [5 + 1] Annulation of Enaminones with Vinyl Esters through C-H Bond Functionalization. *Organic Letters*, **2018**, 20, 7326-7331	6.2	30
340	Palladium-Catalyzed One-Pot Highly Regioselective 6- Endo Cyclization and Alkylation of Enynoates: Synthesis of 2-Alkanone Pyrones. *Journal of Organic Chemistry*, **2018**, 83, 13414-13426	4.2	12
339	Barium-catalyzed C-OH/P-H dehydrative cross-coupling for C-P bond construction. *Chemical Communications*, **2018**, 54, 11132-11135	5.8	17
338	Copper-Catalyzed Stereo- and Enantioselective 1,4-Protosilylation of □,□Unsaturated Ketimines To Synthesize Functionalized Allylsilanes. *ACS Catalysis*, **2018**, 8, 6239-6245	13.1	24
337	Bronsted Acid/Organic Photoredox Cooperative Catalysis: Easy Access to Tri- and Tetrasubstituted Alkenylphosphorus Compounds from Alcohols and P-H Species. *Organic Letters*, **2018**, 20, 3341-3344	6.2	30
336	Copper-Catalyzed Dehydrogenative Diels-Alder Reaction. *Organic Letters*, **2018**, 20, 3215-3219	6.2	14
335	Regioselective Copper-Catalyzed Oxidative Coupling of □-Alkylated Styrenes with Tertiary Alkyl Radicals. *Organic Letters*, **2018**, 20, 4032-4035	6.2	15
334	C-F Bond Cleavage Enabled Redox-Neutral [4+1] Annulation via C-H Bond Activation. *Journal of the American Chemical Society*, **2017**, 139, 1762-1765	16.4	98
333	Palladium-Catalyzed Direct Intramolecular C-N Bond Formation: Access to Multisubstituted Dihydropyrroles. *Organic Letters*, **2017**, 19, 914-917	6.2	19
332	The C□O/P□H dehydrative cross-coupling for the construction of the P□C bond under metal-free conditions. *Green Chemistry*, **2017**, 19, 2135-2139	10	31
331	Rhodium(III)-catalyzed directed C□H benzylation and allylation of indoles with organosilicon reagents. *Organic Chemistry Frontiers*, **2017**, 4, 303-307	5.2	16
330	Copper-catalyzed trifluoromethylation of styrene derivatives with CF3SO2Na. *Organic Chemistry Frontiers*, **2017**, 4, 1872-1875	5.2	37
329	Switchable C-H Functionalization of N-Tosyl Acrylamides with Acryloylsilanes. *Organic Letters*, **2017**, 19, 2869-2872	6.2	29
328	Direct coupling of sp3 carbon of alkanes with □,□unsaturated carbonyl compounds using a copper/hydroperoxide system. *Organic Chemistry Frontiers*, **2017**, 4, 1411-1415	5.2	22

327	Chelation versus Non-Chelation Control in the Stereoselective Alkenyl sp2 C□H Bond Functionalization Reaction. *Angewandte Chemie*, **2017**, 129, 5173-5177	3.6	8
326	Chelation versus Non-Chelation Control in the Stereoselective Alkenyl sp C-H Bond Functionalization Reaction. *Angewandte Chemie - International Edition*, **2017**, 56, 5091-5095	16.4	48
325	Redox-Neutral Rhodium-Catalyzed [4+1] Annulation through Formal Dehydrogenative Vinylidene Insertion. *ChemSusChem*, **2017**, 10, 58-61	8.3	43
324	Directed C-C bond cleavage of a cyclopropane intermediate generated from N-tosylhydrazones and stable enaminones: expedient synthesis of functionalized 1,4-ketoaldehydes. *Chemical Communications*, **2017**, 53, 12286-12289	5.8	34
323	Iron-catalyzed peroxidation-carbamoylation of alkenes with hydroperoxides and formamides via formyl C(sp)-H functionalization. *Chemical Communications*, **2017**, 53, 12830-12833	5.8	22
322	An iron-catalyzed hydroalkylation reaction of □,□-unsaturated ketones with ethers. *Chemical Communications*, **2017**, 53, 12353-12356	5.8	15
321	Copper-Catalyzed Silylperoxidation Reaction of □,□-Unsaturated Ketones, Esters, Amides, and Conjugated Enynes. *ACS Catalysis*, **2017**, 7, 7120-7125	13.1	37
320	Lewis Acid-Catalyzed Selective [2 + 2]-Cycloaddition and Dearomatizing Cascade Reaction of Aryl Alkynes with Acrylates. *Journal of the American Chemical Society*, **2017**, 139, 13570-13578	16.4	43
319	Copper-catalyzed silylation reactions of propargyl epoxides: easy access to 2,3-allenols and stereodefined alkenes. *Chemical Communications*, **2017**, 53, 9344-9347	5.8	20
318	Nonconventional difluoroalkylation of C(sp)-H bonds through hydroarylation. *Chemical Communications*, **2017**, 53, 9482-9485	5.8	26
317	Palladium-Catalyzed Direct C-H Trifluoroethylation of Aromatic Amides. *Organic Letters*, **2017**, 19, 4223-4226	6.2	26
316	Photoredox Catalysis Induced Bisindolylation of Ethers/Alcohols via Sequential C-H and C-O Bond Cleavage. *Organic Letters*, **2017**, 19, 6164-6167	6.2	27
315	Palladium-Catalyzed Fluoroarylation of gem-Difluoroalkenes. *Angewandte Chemie - International Edition*, **2017**, 56, 9872-9876	16.4	63
314	Palladium-Catalyzed Fluoroarylation of gem-Difluoroalkenes. *Angewandte Chemie*, **2017**, 129, 10004-10008	3.6	19
313	Manganese-catalyzed synthesis of monofluoroalkenes via C-H activation and C-F cleavage. *Chemical Communications*, **2017**, 53, 8731-8734	5.8	88
312	Transition metal-catalyzed cross-coupling reactions using organoindium reagents. *Chemical Society Reviews*, **2017**, 46, 586-602	58.5	77
311	Aerobic Copper Catalysis for Tandem Oxy-N-alkenylation of [1,2,3]Triazolo[1,5-a]pyridines. *Advanced Synthesis and Catalysis*, **2016**, 358, 3034-3038	5.6	3
310	F Nucleophilic-Addition-Induced Allylic Alkylation. *Journal of the American Chemical Society*, **2016**, 138, 15869-15872	16.4	72

309	Copper-catalyzed oxyamination of electron-deficient alkenes with N-acyloxyamines. *Chemical Communications*, **2016**, 52, 10373-6	5.8	24
308	Visible-Light-Promoted Carboimination of Unactivated Alkenes for the Synthesis of Densely Functionalized Pyrroline Derivatives. *ACS Catalysis*, **2016**, 6, 5571-5574	13.1	89
307	Stereoselective Synthesis of cis-2,5-Disubstituted Pyrrolidines via Copper-Catalyzed Cyclization of Alkenes. *Chinese Journal of Chemistry*, **2016**, 34, 1076-1080	4.9	1
306	Incorporating a guanidine-modified cytosine base into triplex-forming PNAs for the recognition of a C-G pyrimidine-purine inversion site of an RNA duplex. *Nucleic Acids Research*, **2016**, 44, 9071-9082	20.1	25
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