Chao-Jun Li

List of Publications by Citations

497 papers	38,628 citations	97 h-index	180 g-index
731 ext. papers	42,372 ext. citations	8.2 avg, IF	8.27 L-index

#	Paper	IF	Citations
497	Cross-dehydrogenative coupling (CDC): exploring C-C bond formations beyond functional group transformations. *Accounts of Chemical Research*, **2009**, 42, 335-44	24.3	2261
496	Organic reactions in aqueous media with a focus on carbon-carbon bond formations: a decade update. *Chemical Reviews*, **2005**, 105, 3095-165	68.1	1999
495	The cross-dehydrogenative coupling of C(sp3)-H bonds: a versatile strategy for C-C bond formations. *Angewandte Chemie - International Edition*, **2014**, 53, 74-100	16.4	1464
494	Organic chemistry in water. *Chemical Society Reviews*, **2006**, 35, 68-82	58.5	1088
493	Green chemistry oriented organic synthesis in water. *Chemical Society Reviews*, **2012**, 41, 1415-27	58.5	836
492	Green chemistry for chemical synthesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 13197-202	11.5	652
491	Reactions of C-H bonds in water. *Chemical Reviews*, **2007**, 107, 2546-62	68.1	573
490	A highly efficient three-component coupling of aldehyde, alkyne, and amines via C-H activation catalyzed by gold in water. *Journal of the American Chemical Society*, **2003**, 125, 9584-5	16.4	569
489	CuBr-catalyzed efficient alkynylation of sp3 C-H bonds adjacent to a nitrogen atom. *Journal of the American Chemical Society*, **2004**, 126, 11810-1	16.4	563
488	Cu-catalyzed cross-dehydrogenative coupling: a versatile strategy for C-C bond formations via the oxidative activation of sp(3) C-H bonds. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 8928-33	11.5	515
487	Highly efficient copper-catalyzed nitro-Mannich type reaction: cross-dehydrogenative-coupling between sp3 C-H bond and sp3 C-H bond. *Journal of the American Chemical Society*, **2005**, 127, 3672-3	16.4	477
486	Organic syntheses using indium-mediated and catalyzed reactions in aqueous media. *Tetrahedron*, **1999**, 55, 11149-11176	2.4	455
485	Enantioselective direct-addition of terminal alkynes to imines catalyzed by copper(I)pybox complex in water and in toluene. *Journal of the American Chemical Society*, **2002**, 124, 5638-9	16.4	448
484	CuBr-catalyzed direct indolation of tetrahydroisoquinolines via cross-dehydrogenative coupling between sp3 C-H and sp2 C-H bonds. *Journal of the American Chemical Society*, **2005**, 127, 6968-9	16.4	447
483	Aqueous Barbier-Grignard type reaction: Scope, mechanism, and synthetic applications. *Tetrahedron*, **1996**, 52, 5643-5668	2.4	408
482	The first silver-catalyzed three-component coupling of aldehyde, alkyne, and amine. *Organic Letters* , **2003**, 5, 4473-5	6.2	400
481	Highly efficient oxidative amidation of aldehydes with amine hydrochloride salts. *Journal of the American Chemical Society*, **2006**, 128, 13064-5	16.4	384

480	Dehydrierende Kreuzkupplungen von C-H-Bindungen: vielseitige Verfahren zur Bildung von C-C-Bindungen. *Angewandte Chemie*, **2014**, 126, 76-103	3.6	370
479	Gold-catalyzed reactions of C□H bonds. *Tetrahedron*, **2008**, 64, 4917-4938	2.4	358
478	DDQ-mediated direct cross-dehydrogenative-coupling (CDC) between benzyl ethers and simple ketones. *Journal of the American Chemical Society*, **2006**, 128, 4242-3	16.4	351
477	Catalytic enantioselective alkynylation of prochiral sp3 C-H bonds adjacent to a nitrogen atom. *Organic Letters*, **2004**, 6, 4997-9	6.2	332
476	The development of catalytic nucleophilic additions of terminal alkynes in water. *Accounts of Chemical Research*, **2010**, 43, 581-90	24.3	330
475	FeCl2-catalyzed selective C--C bond formation by oxidative activation of a benzylic C--H bond. *Angewandte Chemie - International Edition*, **2007**, 46, 6505-7	16.4	319
474	Functionalizing glycine derivatives by direct C-C bond formation. *Angewandte Chemie - International Edition*, **2008**, 47, 7075-8	16.4	283
473	Fe3O4 nanoparticles: a robust and magnetically recoverable catalyst for three-component coupling of aldehyde, alkyne and amine. *Green Chemistry*, **2010**, 12, 570	10	271
472	The copper-catalyzed decarboxylative coupling of the sp3-hybridized carbon atoms of alpha-amino acids. *Angewandte Chemie - International Edition*, **2009**, 48, 792-5	16.4	266
471	Highly efficient cross-dehydrogenative-coupling between ethers and active methylene compounds. *Angewandte Chemie - International Edition*, **2006**, 45, 1949-52	16.4	255
470	Highly efficient Grignard-type imine additions via C-H activation in water and under solvent-free conditions. *Chemical Communications*, **2002**, 268-9	5.8	233
469	Catalytic allylic alkylation via the cross-dehydrogenative-coupling reaction between allylic sp3 C-H and methylenic sp3 C-H bonds. *Journal of the American Chemical Society*, **2006**, 128, 56-7	16.4	232
468	Ruthenium-catalyzed oxidative cross-coupling of chelating arenes and cycloalkanes. *Angewandte Chemie - International Edition*, **2008**, 47, 6278-82	16.4	228
467	Copper catalyzed oxidative alkylation of sp3 C□H bond adjacent to a nitrogen atom using molecular oxygen in water. *Green Chemistry*, **2007**, 9, 1047	10	224
466	Simple and Clean Photoinduced Aromatic Trifluoromethylation Reaction. *Journal of the American Chemical Society*, **2016**, 138, 5809-12	16.4	218
465	Cross-dehydrogenative coupling reactions of sp3-hybridized C-H bonds. *Topics in Current Chemistry*, **2010**, 292, 281-302		217
464	Green chemistry: The development of cross-dehydrogenative coupling (CDC) for chemical synthesis. *Pure and Applied Chemistry*, **2006**, 78, 935-945	2.1	217
463	Copper-catalyzed aerobic phosphonation of sp3 C-H bonds. *Chemical Communications*, **2009**, 4124-6	5.8	214

462	Palladium-catalyzed methylation of aryl C-H bond by using peroxides. *Journal of the American Chemical Society*, **2008**, 130, 2900-1	16.4	209
461	Quasi-nature catalysis: developing C-C bond formations catalyzed by late transition metals in air and water. *Accounts of Chemical Research*, **2002**, 35, 533-8	24.3	209
460	Gold(III)-catalyzed double hydroamination of o-alkynylaniline with terminal alkynes leading to N-vinylindoles. *Organic Letters*, **2007**, 9, 627-30	6.2	203
459	Highly efficient addition of activated methylene compounds to alkenes catalyzed by gold and silver. *Journal of the American Chemical Society*, **2004**, 126, 6884-5	16.4	195
458	Cu(I)-catalyzed direct addition and asymmetric addition of terminal alkynes to imines. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 5749-54	11.5	190
457	Site-specific C-functionalization of free-(NH) peptides and glycine derivatives via direct C-H bond functionalization. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 4106-11	11.5	186
456	Novel "Umpolung" in C-C Bond Formation Catalyzed by Triphenylphosphine. *Journal of the American Chemical Society*, **1994**, 116, 3167-3168	16.4	183
455	Coupling of nitrogen heteroaromatics and alkanes without transition metals: a new oxidative cross-coupling at C-H/C-H bonds. *Chemistry - A European Journal*, **2009**, 15, 333-7	4.8	179
454	Phosphine-Catalyzed Isomerization-Addition of Oxygen Nucleophiles to 2-Alkynoates. *Journal of the American Chemical Society*, **1994**, 116, 10819-10820	16.4	177
453	Palladium-Catalyzed Oxidative sp2 C?H Bond Acylation with Aldehydes. *Advanced Synthesis and Catalysis*, **2010**, 352, 1145-1149	5.6	171
452	Copper-catalyzed oxidative sp3 C-H bond arylation with aryl boronic acids. *Organic Letters*, **2008**, 10, 3661-3	6.2	170
451	Water-triggered and gold(I)-catalyzed cascade addition/cyclization of terminal alkynes with ortho-alkynylaryl aldehyde. *Organic Letters*, **2006**, 8, 1953-5	6.2	168
450	Magnetic copper□iron nanoparticles as simple heterogeneous catalysts for the azide□alkyne click reaction in water. *Green Chemistry*, **2012**, 14, 622	10	164
449	Fe3O4 nanoparticle-supported copper(I) pybox catalyst: magnetically recoverable catalyst for enantioselective direct-addition of terminal alkynes to imines. *Organic Letters*, **2011**, 13, 442-5	6.2	162
448	Copper-Catalyzed Highly Regioselective Oxidative C?H Bond Amidation of 2-Arylpyridine Derivatives and 1-Methylindoles. *Advanced Synthesis and Catalysis*, **2010**, 352, 632-636	5.6	161
447	Highly Efficient CuBr-Catalyzed Cross-Dehydrogenative Coupling (CDC) between Tetrahydroisoquinolines and Activated Methylene Compounds. *European Journal of Organic Chemistry*, **2005**, 2005, 3173-3176	3.2	161
446	An Adventure in Sustainable Cross-Coupling of Phenols and Derivatives via Carbon□Oxygen Bond Cleavage. *ACS Catalysis*, **2017**, 7, 510-519	13.1	160
445	Three-component coupling of aldehyde, alkyne, and amine catalyzed by silver in ionic liquid. *Tetrahedron Letters*, **2004**, 45, 2443-2446	2	159

444	**2007**,		159
443	Palladium-catalyzed oxidative sp2 C-H bond acylation with alcohols. *Organic Letters*, **2011**, 13, 1614-7	6.2	152
442	A silver-catalyzed domino route toward 1,2-dihydroquinoline derivatives from simple anilines and alkynes. *Organic Letters*, **2005**, 7, 2675-8	6.2	149
441	Sc(OTf)3-catalyzed direct alkylation of quinolines and pyridines with alkanes. *Organic Letters*, **2009**, 11, 1171-4	6.2	145
440	Studies on Cu-catalyzed asymmetric alkynylation of tetrahydroisoquinoline derivatives. *Tetrahedron: Asymmetry*, **2006**, 17, 590-597		142
439	Conversion of carbon dioxide and olefins into cyclic carbonates in water. *Green Chemistry*, **2007**, 9, 213-215		140
438	Grignard-Type Arylation of Aldehydes via a Rhodium-Catalyzed C?H Activation under Mild Conditions. *Advanced Synthesis and Catalysis*, **2011**, 353, 1269-1273	5.6	136
437	Highly Efficient Direct Alkylation of Activated Methylene by Cycloalkanes. *European Journal of Organic Chemistry*, **2007**, 2007, 4654-4657	3.2	136
436	Photo-induced Metal-Catalyst-Free Aromatic Finkelstein Reaction. *Journal of the American Chemical Society*, **2015**, 137, 8328-31	16.4	134
435	A novel iron-catalyzed decarboxylative Csp3-Csp2 coupling of proline derivatives and naphthol. *Organic Letters*, **2009**, 11, 3246-9	6.2	131
434	Palladium-catalyzed direct oxidative Heck-Cassar-Sonogashira type alkynylation of indoles with alkynes under oxygen. *Chemical Communications*, **2010**, 46, 4184-6	5.8	129
433	Rhodium-catalyzed oxidative C-H arylation of 2-arylpyridine derivatives via decarbonylation of aromatic aldehydes. *Journal of the American Chemical Society*, **2010**, 132, 12212-3	16.4	125
432	A remarkably efficient coupling of acid chlorides with alkynes in water. *Organic Letters*, **2004**, 6, 3151-3	6.2	125
431	Phosphine-triggered complete chemo-switch: from efficient aldehyde-alkyne-amine coupling to efficient aldehyde-alkyne coupling in water. *Organic Letters*, **2005**, 7, 4395-8	6.2	122
430	Copper-Catalyzed Four-Component Coupling between Aldehydes, Amines, Alkynes, and Carbon Dioxide. *Advanced Synthesis and Catalysis*, **2008**, 350, 1503-1506	5.6	121
429	Formal Direct Cross-Coupling of Phenols with Amines. *Angewandte Chemie - International Edition*, **2015**, 54, 14487-91	16.4	120
428	Catalyst-Free and Redox-Neutral Innate Trifluoromethylation and Alkylation of Aromatics Enabled by Light. *Journal of the American Chemical Society*, **2017**, 139, 14315-14321	16.4	117
427	Simple and Clean Photo-induced Methylation of Heteroarenes with MeOH. *CheM*, **2017**, 2, 688-702	16.2	115

426	Catalyzed Reactions of Alkynes in Water. *Advanced Synthesis and Catalysis*, **2006**, 348, 1459-1484	5.6	113
425	Magnesium-Mediated Carbon-Carbon Bond Formation in Aqueous Media: Barbier-Grignard Allylation and Pinacol Coupling of Aldehydes. *Journal of Organic Chemistry*, **1999**, 64, 3230-3236	4.2	113
424	Empowering a transition-metal-free coupling between alkyne and alkyl iodide with light in water. *Nature Communications*, **2015**, 6, 6526	17.4	111
423	Gold- and silver-catalyzed highly regioselective addition of active methylenes to dienes, triene, and cyclic enol ethers. *Organic Letters*, **2005**, 7, 673-5	6.2	111
422	Ruthenium-catalyzed para-selective oxidative cross-coupling of arenes and cycloalkanes. *Organic Letters*, **2011**, 13, 4977-9	6.2	110
421	Direct synthesis of aryl ketones by palladium-catalyzed desulfinative addition of sodium sulfinates to nitriles. *Chemistry - A European Journal*, **2011**, 17, 7996-9	4.8	110
420	Simple and Efficient Generation of Aryl Radicals from Aryl Triflates: Synthesis of Aryl Boronates and Aryl Iodides at Room Temperature. *Journal of the American Chemical Society*, **2017**, 139, 8621-8627	16.4	109
419	A concise chemical synthesis of (+)-3-deoxy-D-glycero-D-galacto-nonulosonic acid (KDN). *Journal of the Chemical Society Chemical Communications*, **1992**, 747		109
418	Pd-catalyzed synthesis of aryl amines via oxidative aromatization of cyclic ketones and amines with molecular oxygen. *Organic Letters*, **2012**, 14, 5606-9	6.2	108
417	Copper-catalyzed oxidative esterification of alcohols with aldehydes activated by Lewis acids. *Tetrahedron Letters*, **2007**, 48, 1033-1035	2	108
416	En Route to Intermolecular Cross-Dehydrogenative Coupling Reactions. *Journal of Organic Chemistry*, **2019**, 84, 12705-12721	4.2	107
415	Propargyl amine synthesis catalysed by gold and copper thin films by using microwave-assisted continuous-flow organic synthesis (MACOS). *Chemistry - A European Journal*, **2010**, 16, 126-33	4.8	106
414	FeCl2-Catalyzed Selective C?C Bond Formation by Oxidative Activation of a Benzylic C?H Bond. *Angewandte Chemie*, **2007**, 119, 6625-6627	3.6	106
413	Palladium-catalyzed reductive coupling of phenols with anilines and amines: efficient conversion of phenolic lignin model monomers and analogues to cyclohexylamines. *Chemical Science*, **2015**, 6, 4174-4178	9.4	104
412	Aerobic and electrochemical oxidative cross-dehydrogenative-coupling (CDC) reaction in an imidazolium-based ionic liquid. *Chemistry - A European Journal*, **2010**, 16, 8162-6	4.8	103
411	Diastereoselective Synthesis of β-Oxyamines via Gold-, Silver- and Copper-Catalyzed, Three-Component Couplings of β-Oxyaldehydes, Alkynes, and Amines in Water. *Advanced Synthesis and Catalysis*, **2006**, 348, 1528-1532	5.6	103
410	Iron-catalyzed three-component coupling of aldehyde, alkyne, and amine under neat conditions in air. *Tetrahedron Letters*, **2009**, 50, 2895-2898	2	101
409	An olefination via ruthenium-catalyzed decarbonylative addition of aldehydes to terminal alkynes. *Journal of the American Chemical Society*, **2009**, 131, 15092-3	16.4	100

408	Aldehyde- and ketone-induced tandem decarboxylation-coupling (Csp(3)-Csp) of natural alpha-amino acids and alkynes. *Journal of Organic Chemistry*, **2010**, 75, 783-8	4.2	100
407	Diastereoselective synthesis of polysubstituted tetrahydropyrans and thiacyclohexanes via indium trichloride mediated cyclizations. *Journal of Organic Chemistry*, **2001**, 66, 739-47	4.2	100
406	Rhodium-catalyzed xanthone formation from 2-aryloxybenzaldehydes via cross-dehydrogenative coupling (CDC). *Organic Letters*, **2012**, 14, 902-5	6.2	99
405	Efficient merging of copper and photoredox catalysis for the asymmetric cross-dehydrogenative-coupling of alkynes and tetrahydroisoquinolines. *Organic and Biomolecular Chemistry*, **2015**, 13, 447-51	3.9	98
404	Rhodium(III)-Catalyzed C(sp2)?H Activation and Electrophilic Amidation with N-Fluorobenzenesulfonimide. *Advanced Synthesis and Catalysis*, **2013**, 355, 869-873	5.6	98
403	Carbon□Carbon Bond Formation via Palladium-Catalyzed Reductive Coupling in Air. *Organic Letters*, **1999**, 1, 1133-1135	6.2	98
402	Aldehydes as alkyl carbanion equivalents for additions to carbonyl compounds. *Nature Chemistry*, **2017**, 9, 374-378	17.6	97
401	Palladium-catalyzed Minisci reaction with simple alcohols. *Organic Letters*, **2011**, 13, 4581-3	6.2	97
400	Highly Efficient Cross-Dehydrogenative-Coupling between Ethers and Active Methylene Compounds. *Angewandte Chemie*, **2006**, 118, 1983-1986	3.6	97
399	InCl(3)-catalyzed domino reaction of aromatic amines with cyclic enol ethers in water: a highly efficient synthesis of new 1,2,3,4-tetrahydroquinoline derivatives. *Journal of Organic Chemistry*, **2002**, 67, 3969-71	4.2	97
398	Photoinduced conversion of methane into benzene over GaN nanowires. *Journal of the American Chemical Society*, **2014**, 136, 7793-6	16.4	96
397	A Highly Selective Fluorescent Chemosensor for K+ from a Bis-15-Crown-5 Derivative. *Journal of the American Chemical Society*, **1999**, 121, 5599-5600	16.4	96
396	Highly efficient gold-catalyzed atom-economical annulation of phenols with dienes. *Organic Letters*, **2006**, 8, 2397-9	6.2	95
395	Grignard type reaction via C□H bond activation in water. *Green Chemistry*, **2002**, 4, 39-41	10	95
394	Catalytic aerobic synthesis of aromatic ethers from non-aromatic precursors. *Angewandte Chemie - International Edition*, **2012**, 51, 7537-40	16.4	93
393	Copper-Catalyzed Cross-Dehydrogenative Coupling (CDC) of Alkynes and Benzylic C?H Bonds. *Advanced Synthesis and Catalysis*, **2010**, 352, 1446-1450	5.6	91
392	Cu(I)Br mediated coupling of alkynes with N-acylimine and N-acyliminium ions in water. *Tetrahedron Letters*, **2002**, 43, 5731-5733	2	91
391	Highly stereoselective oxidative esterification of aldehydes with beta-dicarbonyl compounds. *Journal of Organic Chemistry*, **2006**, 71, 6266-8	4.2	90

390	Catalytic oxidations of alcohols to carbonyl compounds by oxygen under solvent-free and transition-metal-free conditions. *Tetrahedron Letters*, **2006**, 47, 13-17	2	90
389	A Novel Stereoselective Cyclization to Functionalized Dihydropyrans. *Organic Letters*, **1999**, 1, 993-995	6.2	89
388	A Novel Rhodium-Catalyzed Cascade Cyclization: Direct Synthesis of 3-Substituted Phthalides from Aldehydes and Aromatic Acids. *Advanced Synthesis and Catalysis*, **2012**, 354, 2933-2938	5.6	88
387	Metal-Free Markovnikov-Type Alkyne Hydration under Mild Conditions. *Organic Letters*, **2016**, 18, 2184-7	6.2	87
386	Functionalizing Glycine Derivatives by Direct C?C Bond Formation. *Angewandte Chemie*, **2008**, 120, 7183-7186	3.6	86
385	Simple and direct sp3 C-H bond arylation of tetrahydroisoquinolines and isochromans via 2,3-dichloro-5,6-dicyano-1,4-benzoquinone oxidation under mild conditions. *Organic Letters*, **2013**, 15, 3650-3	6.2	85
384	Remarkable electronic effect on rhodium-catalyzed carbonyl additions and conjugated additions with arylmetallic reagents. *Journal of the American Chemical Society*, **2001**, 123, 7451-2	16.4	85
383	Chemosensors for Lead(II) and Alkali Metal Ions Based on Self-Assembling Fluorescence Enhancement (SAFE). *Journal of Physical Chemistry B*, **2002**, 106, 833-843	3.4	83
382	Highly efficient iron(0) nanoparticle-catalyzed hydrogenation in water in flow. *Green Chemistry*, **2013**, 15, 2141	10	82
381	Rhodium-catalyzed C-H activation and conjugate addition under mild conditions. *Organic and Biomolecular Chemistry*, **2011**, 9, 7176-9	3.9	82
380	Novel 1,3-dipolar cycloaddition of diazocarbonyl compounds to alkynes catalyzed by InCl3 in water. *Chemical Communications*, **2004**, 394-5	5.8	82
379	Aldol- and Mannich-type reactions via in situ olefin migration in ionic liquid. *Organic Letters*, **2003**, 5, 657-60	6.2	82
378	A highly stereoselective, novel coupling reaction between alkynes and aldehydes. *Tetrahedron Letters*, **2002**, 43, 1613-1615	2	81
377	Gold(I)-catalyzed annulation of salicylaldehydes and aryl acetylenes as an expedient route to isoflavanones. *Angewandte Chemie - International Edition*, **2007**, 46, 1117-9	16.4	78
376	On Water-Promoted Direct Coupling of Indoles with 1,4-Benzoquinones without Catalyst. *European Journal of Organic Chemistry*, **2006**, 2006, 869-873	3.2	78
375	Synthesis of indene frameworks via rhodium-catalyzed cascade cyclization of aromatic ketone and unsaturated carbonyl compounds. *Organic Letters*, **2013**, 15, 1476-9	6.2	77
374	On water-promoted direct alkynylation of isatins catalyzed by NHC-silver complexes for the efficient synthesis of 3-hydroxy-3-ethynylindolin-2-ones. *Green Chemistry*, **2011**, 13, 549	10	77
373	Palladium-catalyzed benzothieno[2,3-b]indole formation via dehydrative-dehydrogenative double C-H sulfuration using sulfur powder, indoles and cyclohexanones. *Chemical Communications*, **2015**, 51, 1031-4	5.8	76

372	Rhodium catalyzed conjugated addition of unsaturated carbonyl compounds by triphenylbismuth in aqueous media and under an air atmosphere. *Tetrahedron Letters*, **2001**, 42, 781-784	2	76
371	Highly effective synthesis of 4-halo-tetrahydropyrans via a highly diastereoselective in situ Prins-type cyclization reaction. *Tetrahedron Letters*, **1999**, 40, 1627-1630	2	76
370	Rhodium(I)-catalyzed regiospecific dimerization of aromatic acids: two direct C-H bond activations in water. *Angewandte Chemie - International Edition*, **2015**, 54, 5718-21	16.4	74
369	The Copper-Catalyzed Decarboxylative Coupling of the sp3-Hybridized Carbon Atoms of □-Amino Acids. *Angewandte Chemie*, **2009**, 121, 806-809	3.6	73
368	En Route to a Practical Primary Alcohol Deoxygenation. *Journal of the American Chemical Society*, **2016**, 138, 5433-40	16.4	73
367	Nitrogen Photofixation over III-Nitride Nanowires Assisted by Ruthenium Clusters of Low Atomicity. *Angewandte Chemie - International Edition*, **2017**, 56, 8701-8705	16.4	72
366	Copper-Catalyzed Oxidative C(sp(3))-H Functionalization for Facile Synthesis of 1,2,4-Triazoles and 1,3,5-Triazines from Amidines. *Organic Letters*, **2015**, 17, 2894-7	6.2	72
365	Catalytic dehydrogenative aromatization: an alternative route to functionalized arenes. *Organic Chemistry Frontiers*, **2015**, 2, 279-287	5.2	72
364	Ruthenium-catalyzed tertiary amine formation from nitroarenes and alcohols. *Organic Letters*, **2010**, 12, 4888-91	6.2	71
363	Regio- and Diastereoselective Allenylation of Aldehydes in Aqueous Media: Total Synthesis of (+)-Goniofufurone(1). *Journal of Organic Chemistry*, **1998**, 63, 7472-7480	4.2	70
362	A Pd(0)-catalyzed direct dehydrative coupling of terminal alkynes with allylic alcohols to access 1,4-enynes. *Journal of the American Chemical Society*, **2013**, 135, 12536-9	16.4	69
361	Efficient Preparation of the Isoindoline Framework via a Six Component, Tandem Double A3-Coupling and [2+2+2] Cycloaddition Reaction. *Advanced Synthesis and Catalysis*, **2008**, 350, 370-374	5.6	69
360	Umpolung Addition of Aldehydes to Aryl Imines. *Angewandte Chemie - International Edition*, **2017**, 56, 6260-6263	16.4	68
359	Diacetyl as a "traceless" visible light photosensitizer in metal-free cross-dehydrogenative coupling reactions. *Chemical Science*, **2019**, 10, 5018-5024	9.4	68
358	Silver(I) as a widely applicable, homogeneous catalyst for aerobic oxidation of aldehydes toward carboxylic acids in water-"silver mirror": From stoichiometric to catalytic. *Science Advances*, **2015**, 1, e1500020	14.3	68
357	Perspectives on green synthesis and catalysis. *Green Synthesis and Catalysis*, **2020**, 1, 1-11	9.3	68
356	Palladium-Catalyzed Formal Cross-Coupling of Diaryl Ethers with Amines: Slicing the 4-O-5 Linkage in Lignin Models. *Angewandte Chemie - International Edition*, **2018**, 57, 3752-3757	16.4	67
355	Highly efficient, reversible addition of activated methylene compounds to styrene derivatives catalyzed by silver catalysts. *Journal of Organic Chemistry*, **2005**, 70, 5752-5	4.2	67

354	Chemistry Takes a Bath: Reactions in Aqueous Media. *Journal of Organic Chemistry*, **2018**, 83, 7319-7322	4.2	65
353	Manganese-Mediated Reactions in Aqueous Media:Chemoselective Allylation and Pinacol Coupling of Aryl Aldehydes. *Journal of Organic Chemistry*, **1997**, 62, 8632-8633	4.2	65
352	Ruthenium-Catalyzed Oxidative Cross-Coupling of Chelating Arenes and Cycloalkanes. *Angewandte Chemie*, **2008**, 120, 6374-6378	3.6	65
351	The Barbier-Grignard-type carbonyl alkylation using unactivated alkyl halides in water. *Journal of the American Chemical Society*, **2003**, 125, 4062-3	16.4	64
350	Grignard-Type Carbonyl Phenylation in Water and under an Air Atmosphere. *Journal of the American Chemical Society*, **2000**, 122, 9538-9539	16.4	64
349	Manganese-Mediated Carbon-Carbon Bond Formation in Aqueous Media: Chemoselective Allylation and Pinacol Coupling of Aryl Aldehydes. *Journal of Organic Chemistry*, **1998**, 63, 7498-7504	4.2	64
348	Unexpected BarbierGrignard Allylation of Aldehydes with Magnesium in Water. *Journal of the American Chemical Society*, **1998**, 120, 9102-9103	16.4	64
347	Catalytic Fehling's Reaction: An Efficient Aerobic Oxidation of Aldehyde Catalyzed by Copper in Water. *Angewandte Chemie - International Edition*, **2016**, 55, 10806-10	16.4	64
346	A Rhodium-Catalyzed Cascade Cyclization: Direct Synthesis of N-Substituted Phthalimides from Isocyanates and Benzoic Acids. *Advanced Synthesis and Catalysis*, **2014**, 356, 723-728	5.6	63
345	Cellulose Nanocrystals Incorporating Fluorescent Methylcoumarin Groups. *ACS Sustainable Chemistry and Engineering*, **2013**, 1, 1160-1164	8.3	63
344	Rhodium-Catalyzed Aerobic Coupling between Aldehydes and Arenesulfinic Acid Salts: A Novel Synthesis of Aryl Ketones. *Advanced Synthesis and Catalysis*, **2011**, 353, 1701-1706	5.6	63
343	A highly efficient gold/silver-catalyzed addition of arenes to imines. *Chemical Communications*, **2004**, 1930-1	5.8	62
342	Novel Carbocyle Enlargement in Aqueous Medium. *Journal of the American Chemical Society*, **1996**, 118, 4216-4217	16.4	62
341	Facile and selective copperpalladium catalyzed addition of terminal alkynes to activated alkynes in water. *Tetrahedron Letters*, **2004**, 45, 2771-2774	2	61
340	Transformations of Less-Activated Phenols and Phenol Derivatives via C-O Cleavage. *Chemical Reviews*, **2020**, 120, 10454-10515	68.1	61
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