

# Chao-Jun Li

## List of Publications by Year in descending order

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494  
papers

45,407  
citations

2197

102  
h-index

3254

191  
g-index

731  
all docs

731  
docs citations

731  
times ranked

21150  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Cross-Dehydrogenative Coupling (CDC): Exploring C-C Bond Formations beyond Functional Group Transformations. <i>Accounts of Chemical Research</i> , 2009, 42, 335-344.  | 7.6  | 2,493     |
| 2  | Organic Reactions in Aqueous Media with a Focus on Carbon-Carbon Bond Formations: A Decade Update. <i>Chemical Reviews</i> , 2005, 105, 3095-3166.  | 23.0 | 2,133     |
| 3  | The Cross-Dehydrogenative Coupling of C-H Bonds: A Versatile Strategy for C-C Bond Formations. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 74-100.   | 7.2  | 1,669     |
| 4  | Organic chemistry in water. <i>Chemical Society Reviews</i> , 2006, 35, 68-82.  | 18.7 | 1,214     |
| 5  | Green chemistry oriented organic synthesis in water. <i>Chemical Society Reviews</i> , 2012, 41, 1415-1427.   | 18.7 | 1,002     |
| 6  | Green chemistry for chemical synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13197-13202.  | 3.3  | 764       |
| 7  | A Highly Efficient Three-Component Coupling of Aldehyde, Alkyne, and Amines via C-H Activation Catalyzed by Gold in Water. <i>Journal of the American Chemical Society</i> , 2003, 125, 9584-9585.  | 6.6  | 631       |
| 8  | CuBr-Catalyzed Efficient Alkynylation of sp <sup>3</sup> C-H Bonds Adjacent to a Nitrogen Atom. <i>Journal of the American Chemical Society</i> , 2004, 126, 11810-11811.   | 6.6  | 623       |
| 9  | Reactions of C-H Bonds in Water. <i>Chemical Reviews</i> , 2007, 107, 2546-2562.  | 23.0 | 608       |
| 10 | Cu-catalyzed cross-dehydrogenative coupling: A versatile strategy for C-C bond formations via the oxidative activation of sp <sup>3</sup> C-H bonds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8928-8933. | 3.3  | 555       |
| 11 | Organic syntheses using indium-mediated and catalyzed reactions in aqueous media. <i>Tetrahedron</i> , 1999, 55, 11149-11176.   | 1.0  | 522       |
| 12 | Highly Efficient Copper-Catalyzed Nitro-Mannich Type Reaction: A Cross-Dehydrogenative-Coupling between sp <sup>3</sup> C-H Bond and sp <sup>3</sup> C-H Bond. <i>Journal of the American Chemical Society</i> , 2005, 127, 3672-3673.                              | 6.6  | 517       |
| 13 | Enantioselective Direct-Addition of Terminal Alkynes to Imines Catalyzed by Copper(I)pybox Complex in Water and in Toluene. <i>Journal of the American Chemical Society</i> , 2002, 124, 5638-5639.   | 6.6  | 505       |
| 14 | CuBr-Catalyzed Direct Indolation of Tetrahydroisoquinolines via Cross-Dehydrogenative Coupling between sp <sup>3</sup> C-H and sp <sup>2</sup> C-H Bonds. <i>Journal of the American Chemical Society</i> , 2005, 127, 6968-6969.                                   | 6.6  | 486       |
| 15 | Aqueous Barbier-Grignard type reaction: Scope, mechanism, and synthetic applications. <i>Tetrahedron</i> , 1996, 52, 5643-5668.   | 1.0  | 485       |
| 16 | The First Silver-Catalyzed Three-Component Coupling of Aldehyde, Alkyne, and Amine. <i>Organic Letters</i> , 2003, 5, 4473-4475.  | 2.4  | 445       |
| 17 | Highly Efficient Oxidative Amidation of Aldehydes with Amine Hydrochloride Salts. <i>Journal of the American Chemical Society</i> , 2006, 128, 13064-13065.   | 6.6  | 416       |
| 18 | DDQ-Mediated Direct Cross-Dehydrogenative-Coupling (CDC) between Benzyl Ethers and Simple Ketones. <i>Journal of the American Chemical Society</i> , 2006, 128, 4242-4243.  | 6.6  | 387       |

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|----|--|-----|-----------|
| 19 | Gold-catalyzed reactions of C=C bonds. <i>Tetrahedron</i> , 2008, 64, 4917-4938.   | 1.0 | 378       |
| 20 | Catalytic Enantioselective Alkynylation of Prochiral sp <sup>3</sup> C-H Bonds Adjacent to a Nitrogen Atom. <i>Organic Letters</i> , 2004, 6, 4997-4999.   | 2.4 | 356       |
| 21 | The Development of Catalytic Nucleophilic Additions of Terminal Alkynes in Water. <i>Accounts of Chemical Research</i> , 2010, 43, 581-590.  | 7.6 | 355       |
| 22 | FeCl <sub>2</sub> -Catalyzed Selective C-C Bond Formation by Oxidative Activation of a Benzylic C-H Bond. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6505-6507.  | 7.2 | 348       |
| 23 | Functionalizing Glycine Derivatives by Direct C-C Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7075-7078.  | 7.2 | 313       |
| 24 | Fe <sub>3</sub> O <sub>4</sub> nanoparticles: a robust and magnetically recoverable catalyst for three-component coupling of aldehyde, alkyne and amine. <i>Green Chemistry</i> , 2010, 12, 570.                               | 4.6 | 291       |
| 25 | The Copper-Catalyzed Decarboxylative Coupling of the sp <sup>3</sup> -Hybridized Carbon Atoms of $\alpha$ -Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 792-795.                                  | 7.2 | 284       |
| 26 | Highly Efficient Cross-Dehydrogenative-Coupling between Ethers and Active Methylene Compounds. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1949-1952.   | 7.2 | 275       |
| 27 | Simple and Clean Photoinduced Aromatic Trifluoromethylation Reaction. <i>Journal of the American Chemical Society</i> , 2016, 138, 5809-5812.  | 6.6 | 271       |
| 28 | Catalytic Allylic Alkylation via the Cross-Dehydrogenative-Coupling Reaction between Allylic sp <sup>3</sup> C-H and Methylenic sp <sup>3</sup> C-H Bonds. <i>Journal of the American Chemical Society</i> , 2006, 128, 56-57. | 6.6 | 262       |
| 29 | Highly efficient Grignard-type imine additions via C=C activation in water and under solvent-free conditions. <i>Chemical Communications</i> , 2002, , 268-269.  | 2.2 | 260       |
| 30 | Copper catalyzed oxidative alkylation of sp <sup>3</sup> C-H bond adjacent to a nitrogen atom using molecular oxygen in water. <i>Green Chemistry</i> , 2007, 9, 1047.   | 4.6 | 247       |
| 31 | Ruthenium-Catalyzed Oxidative Cross-Coupling of Chelating Arenes and Cycloalkanes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6278-6282.   | 7.2 | 247       |
| 32 | Green chemistry: The development of cross-dehydrogenative coupling (CDC) for chemical synthesis. <i>Pure and Applied Chemistry</i> , 2006, 78, 935-945.  | 0.9 | 233       |
| 33 | Cross-Dehydrogenative Coupling Reactions of sp <sup>3</sup> -Hybridized C=C Bonds. <i>Topics in Current Chemistry</i> , 2009, 292, 281-302.  | 4.0 | 231       |
| 34 | Copper-catalyzed aerobic phosphonation of sp <sup>3</sup> C-H bonds. <i>Chemical Communications</i> , 2009, , 4124.  | 2.2 | 226       |
| 35 | Palladium-Catalyzed Methylation of Aryl C-H Bond by Using Peroxides. <i>Journal of the American Chemical Society</i> , 2008, 130, 2900-2901.   | 6.6 | 225       |
| 36 | Quasi-Nature Catalysis: Developing C-C Bond Formations Catalyzed by Late Transition Metals in Air and Water. <i>Accounts of Chemical Research</i> , 2002, 35, 533-538.   | 7.6 | 219       |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | Highly Efficient Addition of Activated Methylene Compounds to Alkenes Catalyzed by Gold and Silver. <i>Journal of the American Chemical Society</i> , 2004, 126, 6884-6885.   | 6.6  | 217       |
| 38 | Gold(III)-Catalyzed Double Hydroamination of <i>o</i> -Alkynylaniline with Terminal Alkynes Leading to <i>N</i> -Vinylindoles. <i>Organic Letters</i> , 2007, 9, 627-630.   | 2.4  | 215       |
| 39 | Site-specific C-functionalization of free-(NH) peptides and glycine derivatives via direct C-H bond functionalization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4106-4111.               | 3.3  | 204       |
| 40 | Novel "Umpolung" in C-C Bond Formation Catalyzed by Triphenylphosphine. <i>Journal of the American Chemical Society</i> , 1994, 116, 3167-3168.   | 6.6  | 203       |
| 41 | Asymmetric Catalysis Special Feature Part II: Cu(I)-catalyzed direct addition and asymmetric addition of terminal alkynes to imines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5749-5754. | 3.3  | 201       |
| 42 | Phosphine-Catalyzed Isomerization-Addition of Oxygen Nucleophiles to 2-Alkynoates. <i>Journal of the American Chemical Society</i> , 1994, 116, 10819-10820.  | 6.6  | 197       |
| 43 | Coupling of Nitrogen Heteroaromatics and Alkanes without Transition Metals: A New Oxidative Cross-Coupling at C-H/C-H Bonds. <i>Chemistry - A European Journal</i> , 2009, 15, 333-337.   | 1.7  | 196       |
| 44 | An Adventure in Sustainable Cross-Coupling of Phenols and Derivatives via Carbon-Oxygen Bond Cleavage. <i>ACS Catalysis</i> , 2017, 7, 510-519.   | 5.5  | 193       |
| 45 | Magnetic copper-iron nanoparticles as simple heterogeneous catalysts for the azide-alkyne click reaction in water. <i>Green Chemistry</i> , 2012, 14, 622.  | 4.6  | 186       |
| 46 | En Route to Intermolecular Cross-Dehydrogenative Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2019, 84, 12705-12721.   | 1.7  | 186       |
| 47 | Water-Triggered and Gold(I)-Catalyzed Cascade Addition/Cyclization of Terminal Alkynes with <i>ortho</i> -Alkynylaryl Aldehyde. <i>Organic Letters</i> , 2006, 8, 1953-1955.  | 2.4  | 181       |
| 48 | Copper-Catalyzed Oxidative $\text{sp}^3$ C-H Bond Arylation with Aryl Boronic Acids. <i>Organic Letters</i> , 2008, 10, 3661-3663.  | 2.4  | 180       |
| 49 | Palladium-Catalyzed Oxidative $\text{sp}^2$ C-H Bond Acylation with Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1145-1149.  | 2.1  | 178       |
| 50 | Copper-Catalyzed Highly Regioselective Oxidative C-H Bond Amidation of 2-Arylpyridine Derivatives and 1-Methylindoles. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 632-636.  | 2.1  | 177       |
| 51 | Three-component coupling of aldehyde, alkyne, and amine catalyzed by silver in ionic liquid. <i>Tetrahedron Letters</i> , 2004, 45, 2443-2446.  | 0.7  | 174       |
| 52 | Highly Efficient CuBr-Catalyzed Cross-Dehydrogenative Coupling (CDC) between Tetrahydroisoquinolines and Activated Methylene Compounds. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3173-3176.                                       | 1.2  | 173       |
| 53 | Transformations of Less-Activated Phenols and Phenol Derivatives via C-O Cleavage. <i>Chemical Reviews</i> , 2020, 120, 10454-10515.  | 23.0 | 173       |
| 54 | $\text{Fe}_3\text{O}_4$ Nanoparticle-Supported Copper(I) Pybox Catalyst: Magnetically Recoverable Catalyst for Enantioselective Direct-Addition of Terminal Alkynes to Imines. <i>Organic Letters</i> , 2011, 13, 442-445.                          | 2.4  | 171       |

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|----|---|-----|-----------|
| 55 | Perspectives on green synthesis and catalysis. <i>Green Synthesis and Catalysis</i> , 2020, 1, 1-11.  | 3.7 | 168       |
| 56 | Sc(OTf) <sub>3</sub> -Catalyzed Direct Alkylation of Quinolines and Pyridines with Alkanes. <i>Organic Letters</i> , 2009, 11, 1171-1174.   | 2.4 | 160       |
| 57 | Palladium-Catalyzed Oxidative C-H Bond Acylation with Alcohols. <i>Organic Letters</i> , 2011, 13, 1614-1617.   | 2.4 | 160       |
| 58 | Formal Direct Cross-Coupling of Phenols with Amines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14487-14491.  | 7.2 | 157       |
| 59 | Photo-induced Metal-Catalyst-Free Aromatic Finkelstein Reaction. <i>Journal of the American Chemical Society</i> , 2015, 137, 8328-8331.  | 6.6 | 157       |
| 60 | A Silver-Catalyzed Domino Route toward 1,2-Dihydroquinoline Derivatives from Simple Anilines and Alkynes. <i>Organic Letters</i> , 2005, 7, 2675-2678.  | 2.4 | 155       |
| 61 | Conversion of carbon dioxide and olefins into cyclic carbonates in water. <i>Green Chemistry</i> , 2007, 9, 213-215.  | 4.6 | 155       |
| 62 | Studies on Cu-catalyzed asymmetric alkynylation of tetrahydroisoquinoline derivatives. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 590-597.   | 1.8 | 154       |
| 63 | Simple and Clean Photo-induced Methylation of Heteroarenes with MeOH. <i>CheM</i> , 2017, 2, 688-702.   | 5.8 | 153       |
| 64 | Catalyst-Free and Redox-Neutral Innate Trifluoromethylation and Alkylation of Aromatics Enabled by Light. <i>Journal of the American Chemical Society</i> , 2017, 139, 14315-14321.                                 | 6.6 | 153       |
| 65 | Highly Efficient Direct Alkylation of Activated Methylene by Cycloalkanes. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4654-4657.  | 1.2 | 152       |
| 66 | Magnesium-Mediated Carbon-Carbon Bond Formation in Aqueous Media: Barbier-Grignard Allylation and Pinacol Coupling of Aldehydes. <i>Journal of Organic Chemistry</i> , 1999, 64, 3230-3236.                         | 1.7 | 146       |
| 67 | Grignard-type Arylation of Aldehydes via a Rhodium-Catalyzed C-H Activation under Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1269-1273.  | 2.1 | 143       |
| 68 | A Novel Iron-Catalyzed Decarboxylative C <sup>3</sup> -C <sup>2</sup> Coupling of Proline Derivatives and Naphthol. <i>Organic Letters</i> , 2009, 11, 3246-3249.   | 2.4 | 142       |
| 69 | Rhodium-Catalyzed Oxidative C-H Arylation of 2-Arylpyridine Derivatives via Decarbonylation of Aromatic Aldehydes. <i>Journal of the American Chemical Society</i> , 2010, 132, 12212-12213.                        | 6.6 | 142       |
| 70 | A Remarkably Efficient Coupling of Acid Chlorides with Alkynes in Water. <i>Organic Letters</i> , 2004, 6, 3151-3153.   | 2.4 | 140       |
| 71 | Palladium-catalyzed direct oxidative Heck-Cassar-Sonogashira type alkynylation of indoles with alkynes under oxygen. <i>Chemical Communications</i> , 2010, 46, 4184.   | 2.2 | 139       |
| 72 | Palladium-catalyzed reductive coupling of phenols with anilines and amines: efficient conversion of phenolic lignin model monomers and analogues to cyclohexylamines. <i>Chemical Science</i> , 2015, 6, 4174-4178. | 3.7 | 139       |

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|----|---|------|-----------|
| 73 | Simple and Efficient Generation of Aryl Radicals from Aryl Triflates: Synthesis of Aryl Boronates and Aryl Iodides at Room Temperature. <i>Journal of the American Chemical Society</i> , 2017, 139, 8621-8627. | 6.6  | 139       |
| 74 | Photoinduced Conversion of Methane into Benzene over GaN Nanowires. <i>Journal of the American Chemical Society</i> , 2014, 136, 7793-7796.   | 6.6  | 136       |
| 75 | Pd-Catalyzed Synthesis of Aryl Amines via Oxidative Aromatization of Cyclic Ketones and Amines with Molecular Oxygen. <i>Organic Letters</i> , 2012, 14, 5606-5609.   | 2.4  | 132       |
| 76 | Copper-Catalyzed Four-Component Coupling between Aldehydes, Amines, Alkynes, and Carbon Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1503-1506.  | 2.1  | 131       |
| 77 | Cross-dehydrogenative coupling: a sustainable reaction for C-C bond formations. <i>Green Chemistry</i> , 2021, 23, 6789-6862.   | 4.6  | 130       |
| 78 | Aldehydes as alkyl carbanion equivalents for additions to carbonyl compounds. <i>Nature Chemistry</i> , 2017, 9, 374-378.   | 6.6  | 129       |
| 79 | Phosphine-Triggered Complete Chemo-Switch: From Efficient Aldehyde-Alkyne-Amine Coupling to Efficient Aldehyde-Alkyne Coupling in Water. <i>Organic Letters</i> , 2005, 7, 4395-4398.                           | 2.4  | 127       |
| 80 | Empowering a transition-metal-free coupling between alkyne and alkyl iodide with light in water. <i>Nature Communications</i> , 2015, 6, 6526.  | 5.8  | 125       |
| 81 | Efficient merging of copper and photoredox catalysis for the asymmetric cross-dehydrogenative-coupling of alkynes and tetrahydroisoquinolines. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 447-451.   | 1.5  | 124       |
| 82 | Ruthenium-Catalyzed Para-Selective Oxidative Cross-Coupling of Arenes and Cycloalkanes. <i>Organic Letters</i> , 2011, 13, 4977-4979.   | 2.4  | 123       |
| 83 | Gold- and Silver-Catalyzed Highly Regioselective Addition of Active Methylens to Dienes, Triene, and Cyclic Enol Ethers. <i>Organic Letters</i> , 2005, 7, 673-675.   | 2.4  | 122       |
| 84 | Diacetyl as a traceless visible light photosensitizer in metal-free cross-dehydrogenative coupling reactions. <i>Chemical Science</i> , 2019, 10, 5018-5024.  | 3.7  | 122       |
| 85 | Catalyzed Reactions of Alkynes in Water. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1459-1484.  | 2.1  | 120       |
| 86 | An Olefination via Ruthenium-Catalyzed Decarbonylative Addition of Aldehydes to Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2009, 131, 15092-15093.                                     | 6.6  | 118       |
| 87 | Desulfonylation via Radical Process: Recent Developments in Organic Synthesis. <i>Chemical Reviews</i> , 2021, 121, 12548-12680.  | 23.0 | 118       |
| 88 | A concise chemical synthesis of (+)-3-deoxy-D-glycero-D-galacto-nonulosonic acid (KDN). <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 747.   | 2.0  | 117       |
| 89 | Copper-catalyzed oxidative esterification of alcohols with aldehydes activated by Lewis acids. <i>Tetrahedron Letters</i> , 2007, 48, 1033-1035.  | 0.7  | 117       |
| 90 | Direct Synthesis of Aryl Ketones by Palladium-Catalyzed Desulfinate Addition of Sodium Sulfinates to Nitriles. <i>Chemistry - A European Journal</i> , 2011, 17, 7996-7999.                                     | 1.7  | 117       |

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|-----|---|-----|-----------|
| 91  | Iron-catalyzed three-component coupling of aldehyde, alkyne, and amine under neat conditions in air. <i>Tetrahedron Letters</i> , 2009, 50, 2895-2898.  | 0.7 | 116       |
| 92  | Diastereoselective Synthesis of Polysubstituted Tetrahydropyrans and Thiacyclohexanes via Indium Trichloride Mediated Cyclizations <sup>1</sup> . <i>Journal of Organic Chemistry</i> , 2001, 66, 739-747.                                      | 1.7 | 114       |
| 93  | Propargyl Amine Synthesis Catalysed by Gold and Copper Thin Films by Using Microwave-Assisted Continuous-Flow Organic Synthesis (MACOS). <i>Chemistry - A European Journal</i> , 2010, 16, 126-133.   | 1.7 | 114       |
| 94  | Aerobic and Electrochemical Oxidative Cross-Dehydrogenative Coupling (CDC) Reaction in an Imidazolium-Based Ionic Liquid. <i>Chemistry - A European Journal</i> , 2010, 16, 8162-8166.  | 1.7 | 113       |
| 95  | Aldehyde- and Ketone-Induced Tandem Decarboxylation-Coupling (Csp <sup>3</sup> -Csp) of Natural $\alpha$ -Amino Acids and Alkynes. <i>Journal of Organic Chemistry</i> , 2010, 75, 783-788.   | 1.7 | 112       |
| 96  | Rhodium-Catalyzed Xanthone Formation from 2-Aryloxybenzaldehydes via Cross-Dehydrogenative Coupling (CDC). <i>Organic Letters</i> , 2012, 14, 902-905.  | 2.4 | 112       |
| 97  | Diastereoselective Synthesis of $\alpha$ -Oxyamines via Gold-, Silver- and Copper-Catalyzed, Three-Component Couplings of $\alpha$ -Oxyaldehydes, Alkynes, and Amines in Water. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1528-1532. | 2.1 | 111       |
| 98  | Palladium-Catalyzed Minisci Reaction with Simple Alcohols. <i>Organic Letters</i> , 2011, 13, 4581-4583.  | 2.4 | 111       |
| 99  | Catalytic Aerobic Synthesis of Aromatic Ethers from Non-Aromatic Precursors. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7537-7540.  | 7.2 | 110       |
| 100 | Metal-Free Markovnikov-Type Alkyne Hydration under Mild Conditions. <i>Organic Letters</i> , 2016, 18, 2184-2187.   | 2.4 | 109       |
| 101 | Carbon-Carbon Bond Formation via Palladium-Catalyzed Reductive Coupling in Air. <i>Organic Letters</i> , 1999, 1, 1133-1135.  | 2.4 | 108       |
| 102 | Remarkable Electronic Effect on Rhodium-Catalyzed Carbonyl Additions and Conjugated Additions with Arylmetallic Reagents. <i>Journal of the American Chemical Society</i> , 2001, 123, 7451-7452.   | 6.6 | 104       |
| 103 | Copper-Catalyzed Cross-Dehydrogenative Coupling (CDC) of Alkynes and Benzylic C-H Bonds. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1446-1450.  | 2.1 | 104       |
| 104 | A Highly Selective Fluorescent Chemosensor for K <sup>+</sup> from a Bis-15-Crown-5 Derivative. <i>Journal of the American Chemical Society</i> , 1999, 121, 5599-5600.   | 6.6 | 103       |
| 105 | InCl <sub>3</sub> -Catalyzed Domino Reaction of Aromatic Amines with Cyclic Enol Ethers in Water: A Highly Efficient Synthesis of New 1,2,3,4-Tetrahydroquinoline Derivatives. <i>Journal of Organic Chemistry</i> , 2002, 67, 3969-3971.       | 1.7 | 103       |
| 106 | Highly Efficient Gold-Catalyzed Atom-Economical Annulation of Phenols with Dienes. <i>Organic Letters</i> , 2006, 8, 2397-2399.   | 2.4 | 103       |
| 107 | Rhodium(III)-Catalyzed C(sp <sup>2</sup> )-H Activation and Electrophilic Amidation with <i>N</i> -Fluorobenzenesulfonimide. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 869-873.  | 2.1 | 103       |
| 108 | Grignard type reaction via C-H bond activation in water. <i>Green Chemistry</i> , 2002, 4, 39-41.   | 4.6 | 102       |

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|-----|---|-----|-----------|
| 109 | Cu(I)Br mediated coupling of alkynes with N-acylimine and N-acyliminium ions in water. <i>Tetrahedron Letters</i> , 2002, 43, 5731-5733.  | 0.7 | 102       |
| 110 | Catalytic oxidations of alcohols to carbonyl compounds by oxygen under solvent-free and transition-metal-free conditions. <i>Tetrahedron Letters</i> , 2006, 47, 13-17.   | 0.7 | 101       |
| 111 | A Novel Stereoselective Cyclization to Functionalized Dihydropyrans. <i>Organic Letters</i> , 1999, 1, 993-995.   | 2.4 | 98        |
| 112 | Highly Stereoselective Oxidative Esterification of Aldehydes with $\beta$ -Dicarbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2006, 71, 6266-6268.   | 1.7 | 98        |
| 113 | Catalytic dehydrogenative aromatization: an alternative route to functionalized arenes. <i>Organic Chemistry Frontiers</i> , 2015, 2, 279-287.  | 2.3 | 98        |
| 114 | En Route to a Practical Primary Alcohol Deoxygenation. <i>Journal of the American Chemical Society</i> , 2016, 138, 5433-5440.  | 6.6 | 98        |
| 115 | A Novel Rhodium-Catalyzed Cascade Cyclization: Direct Synthesis of $\beta$ -Substituted Phthalides from Aldehydes and Aromatic Acids. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2933-2938.                             | 2.1 | 96        |
| 116 | Highly efficient iron(0) nanoparticle-catalyzed hydrogenation in water in flow. <i>Green Chemistry</i> , 2013, 15, 2141.  | 4.6 | 96        |
| 117 | Nitrogen Photofixation over III-Nitride Nanowires Assisted by Ruthenium Clusters of Low Atomicity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8701-8705.  | 7.2 | 96        |
| 118 | Simple and Direct $\text{sp}^3\text{-C-H}$ Bond Arylation of Tetrahydroisoquinolines and Isochromans via 2,3-Dichloro-5,6-dicyano-1,4-benzoquinone Oxidation under Mild Conditions. <i>Organic Letters</i> , 2013, 15, 3650-3653. | 2.4 | 95        |
| 119 | Copper-Catalyzed Oxidative $\text{C}(\text{sp}^3)\text{-H}$ Functionalization for Facile Synthesis of 1,2,4-Triazoles and 1,3,5-Triazines from Amidines. <i>Organic Letters</i> , 2015, 17, 2894-2897.                            | 2.4 | 94        |
| 120 | Chemosensors for Lead(II) and Alkali Metal Ions Based on Self-Assembling Fluorescence Enhancement (SAFE). <i>Journal of Physical Chemistry B</i> , 2002, 106, 833-843.  | 1.2 | 91        |
| 121 | Novel 1,3-dipolar cycloaddition of diazocarbonyl compounds to alkynes catalyzed by $\text{InCl}_3$ in water. <i>Chemical Communications</i> , 2004, , 394.  | 2.2 | 91        |
| 122 | Rhodium-Catalyzed Regiospecific Dimerization of Aromatic Acids: Two Direct $\text{C-H}$ Bond Activations in Water. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5718-5721.  | 7.2 | 91        |
| 123 | Aldol- and Mannich-Type Reactions via in Situ Olefin Migration in Ionic Liquid. <i>Organic Letters</i> , 2003, 5, 657-660.  | 2.4 | 90        |
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