# Tharmalingam Punniyamurthy

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 124 papers | 7,604 citations | 66343 42 h-index | 54911 84 g-index |
| 146 all docs | 146 docs citations | 146 times ranked | 7137 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 1 | Recent Advances in Transition Metal Catalyzed Oxidation of Organic Substrates with Molecular Oxygen. Chemical Reviews, 2005, 105, 2329-2364. | 47.7 | 1,606 |
| 2 | CuO Nanoparticles Catalyzed Câ˜N, Câ˜O, and Câ˜S Cross-Coupling Reactions: Scope and Mechanism. Journal of Organic Chemistry, 2009, 74, 1971-1976. | 3.2 | 348 |
| 3 | Ligand-Free Copper-Catalyzed Synthesis of Substituted Benzimidazoles, 2-Aminobenzimidazoles, 2-Aminobenzothiazoles, and Benzoxazoles. Journal of Organic Chemistry, 2009, 74, 8719-8725. | 3.2 | 323 |
| 4 | Efficient CuO-Nanoparticle-Catalyzed Cï£¿S Cross-Coupling of Thiols with Iodobenzene. Angewandte Chemie - International Edition, 2007, 46, 5583-5586. | 13.8 | 312 |
| 5 | Recent advances in copper-catalyzed oxidation of organic compounds. Coordination Chemistry Reviews, 2008, 252, 134-154. | 18.8 | 303 |
| 6 | Efficient ligand-free nickel-catalyzed Câ€“S cross-coupling of thiols with aryl iodides. Tetrahedron Letters, 2008, 49, 1484-1487. | 1.4 | 194 |
| 7 | Iodobenzene Catalyzed Câ€“H Amination of N-Substituted Amidines Using m-Chloroperbenzoic Acid. Organic Letters, 2013, 15, 1334-1337. | 4.6 | 141 |
| 8 | Efficient Copper(I)â€Catalyzed Câ€“S Cross Coupling of Thiols with Aryl Halides in Water. European Journal of Organic Chemistry, 2008, 2008, 640-643. | 2.4 | 136 |
| 9 | Cobalt-catalyzed intramolecular Câ€“N and Câ€“O cross-coupling reactions: synthesis of benzimidazoles and benzoxazoles. Organic and Biomolecular Chemistry, 2010, 8, 5692. | 2.8 | 127 |
| 10 | Copper-Mediated Synthesis of Substituted 2-Aryl-N-benzylbenzimidazoles and 2-Arylbenzoxazoles via Câ€“H Functionalization/Câ€“N/Câ€“O Bond Formation. Journal of Organic Chemistry, 2011, 76, 5295-5308. | 3.2 | 118 |
| 11 | Copper(II)-catalyzed Cî—¸H oxidation of alkylbenzenes and cyclohexane with hydrogen peroxide. Tetrahedron Letters, 2003, 44, 8955-8957. | 1.4 | 117 |
| 12 | Transition-metal-catalyzed site-selective C7-functionalization of indoles: advancement and future prospects. Chemical Communications, 2019, 55, 572-587. | 4.1 | 114 |
| 13 | Copper(II) catalyzed selective oxidation of primary alcohols to aldehydes with atmospheric oxygen. Tetrahedron Letters, 2006, 47, 923-926. | 1.4 | 110 |
| 14 | Copper(II)-Catalyzed Aerobic Oxidative Synthesis of Substituted 1,2,3- and 1,2,4-Triazoles from Bisarylhydrazones via Câ€“H Functionalization/Câ€“C/Nâ€“N/Câ€“N Bonds Formation. Journal of Organic Chemistry, 2012, 77, 5063-5073. | 3.2 | 105 |
| 15 | Polyaniline supported vanadium catalyzed aerobic oxidation of alcohols to aldehydes and ketones. Tetrahedron Letters, 2004, 45, 3561-3564. | 1.4 | 102 |
| 16 | Palladiumâ€Catalyzed Oneâ€Pot Conversion of Aldehydes to Amides. Advanced Synthesis and Catalysis, 2010, 352, 288-292. | 4.3 | 99 |
| 17 | Copper(I)-Catalyzed Regioselective Amination of N-Aryl Imines Using TMSN<sub>3</sub> and TBHP: A Route to Substituted Benzimidazoles. Journal of Organic Chemistry, 2015, 80, 1644-1650. | 3.2 | 86 |
| 18 | Copper(II)-Catalyzed Conversion of Bisaryloxime Ethers to 2-Arylbenzoxazoles via Câ˜H Functionalization/Câ˜N/Câ˜O Bonds Formation. Organic Letters, 2011, 13, 1194-1197. | 4.6 | 83 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Cobalt(II)-catalyzed oxidation of alcohols into carboxylic acids and ketones with hydrogen peroxide. Tetrahedron Letters, 2003, 44, 6033-6035. | 1.4 | 80 |
| 20 | â€œOn Waterâ€: Efficient Ironâ€Catalyzed Cycloaddition of Aziridines with Heterocumulenes. Angewandte Chemie - International Edition, 2013, 52, 572-575. | 13.8 | 80 |
| 21 | Pd-Catalyzed Câ^'H Activation/Câ^'N Bond Formation: A New Route to 1-Aryl-1H-benzotriazoles. Organic Letters, 2011, 13, 2102-2105. | 4.6 | 75 |
| 22 | Transition metal-catalyzed coupling of heterocyclic alkenesviaCâ€“H functionalization: recent trends and applications. Organic Chemistry Frontiers, 2020, 7, 1527-1569. | 4.5 | 75 |
| 23 | Copper(II)-Catalyzed Direct Dioxygenation of Alkenes with Air and N-Hydroxyphthalimide: Synthesis of Î²-Keto-N-alkoxyphthalimides. Organic Letters, 2015, 17, 2010-2013. | 4.6 | 72 |
| 24 | Copper catalyzed oxidation of sulfides to sulfoxides with aqueous hydrogen peroxide. Tetrahedron Letters, 2005, 46, 3819-3822. | 1.4 | 70 |
| 25 | Organocatalytic Syntheses of Benzoxazoles and Benzothiazoles using Aryl Iodide and Oxone via Câ€“H Functionalization and Câ€“O/S Bond Formation. Journal of Organic Chemistry, 2014, 79, 7502-7511. | 3.2 | 70 |
| 26 | Copper(II)-Catalyzed Oxidative Cross-Coupling of Anilines, Primary Alkyl Amines, and Sodium Azide Using TBHP: A Route to 2-Substituted Benzimidazoles. Journal of Organic Chemistry, 2016, 81, 3227-3234. | 3.2 | 70 |
| 27 | Copper-Catalyzed Domino Intra- and Intermolecular Câ^'S Cross-Coupling Reactions: Synthesis of 2-(Arylthio)arylcyanamides. Organic Letters, 2010, 12, 84-87. | 4.6 | 65 |
| 28 | A Novel Tandem Sequence to Pyrrole Syntheses by 5-endo-dig Cyclization of 1,3-Enynes with Amines. Organic Letters, 2013, 15, 4996-4999. | 4.6 | 65 |
| 29 | Copper(II)-Catalyzed Oxidation of Alcohols to Carbonyl Compounds with Hydrogen Peroxide. European Journal of Organic Chemistry, 2003, 2003, 3913-3915. | 2.4 | 57 |
| 30 | Copper(II)-Mediated Chelation-Assisted Regioselective N-Naphthylation of Indoles, Pyrazoles and Pyrrole through Dehydrogenative Cross-Coupling. Journal of Organic Chemistry, 2017, 82, 4883-4890. | 3.2 | 57 |
| 31 | Pd(II)-Catalyzed Aminotetrazole-Directed Ortho-Selective Halogenation of Arenes. Journal of Organic Chemistry, 2013, 78, 6104-6111. | 3.2 | 55 |
| 32 | Expedient cobalt(<scp>ii</scp>)-catalyzed site-selective C7-arylation of indolines with arylboronic acids. Chemical Communications, 2018, 54, 2494-2497. | 4.1 | 53 |
| 33 | Copper(<scp>ii</scp>)-mediated regioselective N-arylation of pyrroles, indoles, pyrazoles and carbazole via dehydrogenative coupling. Chemical Communications, 2016, 52, 2803-2806. | 4.1 | 51 |
| 34 | Preparation of 2â€Azidoâ€1â€Substitutedâ€1â€‰Hâ€Benzo[d]imidazoles Using a Copperâ€Promoted Threeâ€Component Reaction and Their Further Conversion into 2â€Amino and 2â€Triazolyl Derivatives. Chemistry - A European Journal, 2012, 18, 13279-13283. | 3.3 | 50 |
| 35 | Molybdenum(VI)-peroxo complex catalyzed oxidation of alkylbenzenes with hydrogen peroxide. Tetrahedron Letters, 2003, 44, 4915-4917. | 1.4 | 49 |
| 36 | Recent Advances in Radical Dioxygenation of Olefins. European Journal of Organic Chemistry, 2017, 2017, 5424-5438. | 2.4 | 49 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Enantiomerically pure bicyclo[3.3.1]nona-2,6-diene as the sole source of enantioselectivity in BIPHEP-Rh asymmetric hydrogenation. Chemical Communications, 2008, , 5092. | 4.1 | 48 |
| 38 | Silica-Supported Vanadium-CatalyzedN-Oxidation of Tertiary Amines with Aqueous Hydrogen Peroxide. Advanced Synthesis and Catalysis, 2005, 347, 1958-1960. | 4.3 | 47 |
| 39 | Weak Coordination Enabled Switchable C4-Alkenylation and Alkylation of Indoles with Allyl Alcohols. Organic Letters, 2020, 22, 1720-1725. | 4.6 | 47 |
| 40 | Synthesis, Structure, and Application of Selfâ€Assembled Copper(II) Aqua Complex by Hâ€Bonding for Acceleration of the Nitroaldol Reaction on Water. Chemistry - an Asian Journal, 2009, 4, 314-320. | 3.3 | 45 |
| 41 | Recent Advances in Metalâ€catalyzed Alkylation, Alkenylation and Alkynylation of Indole/indoline Benzenoid Nucleus. Chemistry - an Asian Journal, 2020, 15, 4184-4198. | 3.3 | 45 |
| 42 | Synthesis of Functionalized Pyrazoles via Vanadium-Catalyzed Câ€“N Dehydrogenative Cross-Coupling and Fluorescence Switch-On Sensing of BSA Protein. Organic Letters, 2015, 17, 5308-5311. | 4.6 | 44 |
| 43 | Iron(<scp>iii</scp>)-catalyzed aerobic dioxygenation of styrenes using N-hydroxyphthalimide and N-hydroxybenzotriazole. Organic and Biomolecular Chemistry, 2016, 14, 3246-3255. | 2.8 | 44 |
| 44 | Copper-mediated regioselective Câ€“H etherification of naphthylamides with arylboronic acids using water as an oxygen source. Chemical Communications, 2018, 54, 3899-3902. | 4.1 | 44 |
| 45 | Recent advances in transition-metal-mediated Csp2-B and Csp2-P cross-coupling reactions. Coordination Chemistry Reviews, 2021, 431, 213675. | 18.8 | 44 |
| 46 | Vanadium-Catalyzed Selective Oxidation of Alcohols to Aldehydes and Ketones withtert-Butyl Hydroperoxide. Advanced Synthesis and Catalysis, 2007, 349, 846-848. | 4.3 | 43 |
| 47 | Domino Synthesis of Tetrasubstituted Thiophenes from 1,3-Enynes with Mercaptoacetaldehyde. Journal of Organic Chemistry, 2016, 81, 2670-2674. | 3.2 | 42 |
| 48 | Stereospecific Copper-Catalyzed Domino Ring Opening and sp<sup>3</sup> Câ€“H Functionalization of Activated Aziridines with N-Alkylanilines. Organic Letters, 2017, 19, 158-161. | 4.6 | 41 |
| 49 | Microwave-Assisted Copper-Catalyzed Four-Component Tandem Synthesis of 3-N-Sulfonylamidine Coumarins. Journal of Organic Chemistry, 2015, 80, 6291-6299. | 3.2 | 40 |
| 50 | Rh-Catalyzed regioselective Câ€“H activation and Câ€“C bond formation: synthesis and photophysical studies of indazolo[2,3-a]quinolines. Organic Chemistry Frontiers, 2018, 5, 2630-2635. | 4.5 | 40 |
| 51 | Palladium-catalyzed aerobic oxidative Câ€“H amination: synthesis of 2-unsubstituted and 2-substituted N-aryl benzimidazoles. RSC Advances, 2012, 2, 4616. | 3.6 | 39 |
| 52 | Cobalt(II)-catalyzed direct acetylation of alcohols with acetic acid. Tetrahedron, 2005, 61, 2011-2015. | 1.9 | 38 |
| 53 | Weak Coordination-Guided Regioselective Direct Redox-Neutral C4 Allylation of Indoles with Moritaâ€“Baylisâ€“Hillman Adducts. Organic Letters, 2019, 21, 9898-9903. | 4.6 | 38 |
| 54 | Chiral binuclear copper(II) catalyzed nitroaldol reaction: scope and mechanism. Tetrahedron, 2008, 64, 11724-11731. | 1.9 | 37 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 55 | Novel Copper-Catalyzed Multicomponent Cascade Synthesis of Iminocoumarin Aryl Methyl Ethers. Organic Letters, 2013, 15, 3828-3831. | 4.6 | 37 |
| 56 | â€œOn Waterâ€•C(sp<sup>3</sup>)â€“H Functionalization/Câ€“O/Câ€“N Bonds Formations: Synthesis of Functionalized Oxazolidines and Imidazolidines. Journal of Organic Chemistry, 2016, 81, 9792-9801. | 3.2 | 37 |
| 57 | Exploiting Strained Rings in Chelation Guided Cå^'H Functionalization: Integration of Cå^'H Activation with Ring Cleavage. Chemistry - an Asian Journal, 2019, 14, 4520-4533. | 3.3 | 36 |
| 58 | Cadmium(II)â€Catalyzed Cï£¿N Crossâ€Coupling of Amines with Aryl Iodides. Advanced Synthesis and Catalysis, 2008, 350, 395-398. | 4.3 | 34 |
| 59 | Expedient synthesis of tetrasubstituted pyrroles via a copper-catalyzed cascade inter-/intramolecular cyclization of 1,3-enynes carry a nitro group with amines. Organic and Biomolecular Chemistry, 2015, 13, 2786-2792. | 2.8 | 34 |
| 60 | Copper(II)-Catalyzed Oxidative Coupling of Anilines, Methyl Arenes, and TMSN<sub>3</sub> via C(sp<sup>3</sup>/sp<sup>2</sup>)â€“H Functionalization and Câ€“N Bond Formation. Organic Letters, 2017, 19, 6554-6557. | 4.6 | 33 |
| 61 | Synthesis, Structure and Catalysis of Tetranuclear Copper(II) Open Cubane for Henry Reaction on Water. European Journal of Inorganic Chemistry, 2009, 2009, 2508-2511. | 2.0 | 32 |
| 62 | Room-Temperature Cu(II)-Catalyzed Chemo- and Regioselective Ortho-Nitration of Arenes via Câ€“H Functionalization. Journal of Organic Chemistry, 2015, 80, 8245-8253. | 3.2 | 32 |
| 63 | Copper(II)â€Catalyzed Nitroaldol (Henry) Reactions: Recent Developments. Chemical Record, 2016, 16, 1906-1917. | 5.8 | 32 |
| 64 | Recent Advances in Stereoselective Ring Expansion of Spirocyclopropanes: Access to the Spirocyclic Compounds. ACS Omega, 2020, 5, 26316-26328. | 3.5 | 32 |
| 65 | Efficient pyrrolidine catalyzed cycloaddition of aziridines with isothiocyanates, isoselenocyanates and carbon disulfide â€œon waterâ€• RSC Advances, 2014, 4, 54149-54157. | 3.6 | 31 |
| 66 | Synthesis, Structure and Application of Chiral Copper(II) Coordination Polymers for Asymmetric Acylation. Inorganic Chemistry, 2008, 47, 5093-5098. | 4.0 | 30 |
| 67 | Cobalt(II) catalyzed tosylation of alcohols with p-toluenesulfonic acid. Tetrahedron Letters, 2004, 45, 203-205. | 1.4 | 29 |
| 68 | Enantiospecific Aluminum-Catalyzed (3+2) Cycloaddition of Unactivated Aziridines with Isothiocyanates. Journal of Organic Chemistry, 2016, 81, 11508-11513. | 3.2 | 28 |
| 69 | Ru(<scp>ii</scp>)-Catalyzed C7-acyloxylation of indolines with carboxylic acids. Organic and Biomolecular Chemistry, 2018, 16, 5889-5898. | 2.8 | 28 |
| 70 | Copper-catalysed one-pot synthesis of N-substituted benzo[d]isothiazol-3(2H)-ones via C-S/N-S bond formation. RSC Advances, 2012, 2, 7057. | 3.6 | 24 |
| 71 | Effect of ligand N,N-substituents on the reactivity of chiral copper(II) salalen, salan, and salalan complexes toward asymmetric nitroaldol reactions. Tetrahedron: Asymmetry, 2014, 25, 1331-1339. | 1.8 | 24 |
| 72 | Iron(III)-Mediated Radical Nitration of Bisarylsulfonyl Hydrazones: Synthesis of Bisarylnitromethyl Sulfones. Journal of Organic Chemistry, 2015, 80, 6776-6783. | 3.2 | 24 |

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|---|---|---|---|
| 73 | Cp*Co(III)-Catalyzed Regioselective C2 Amidation of Indoles Using Acyl Azides. Journal of Organic Chemistry, 2019, 84, 16278-16285. | 3.2 | 24 |
| 74 | Chiral linear polymers bonded alternatively with salen and 1,4-dialkoxy-2,6-diethynylbenzene: synthesis and application to diethylzinc addition to aldehydes. Tetrahedron: Asymmetry, 2007, 18, 2016-2020. | 1.8 | 23 |
| 75 | Aerobic Metal-Free Dioxygenation of Alkenes with tert-Butyl Nitrite and N-Hydroxylamines. ACS Omega, 2017, 2, 6278-6290. | 3.5 | 23 |
| 76 | Ruthenium(II)-Catalyzed Positional Selective Câ€“H Oxygenation of N-Aryl-2-pyrimidines. Journal of Organic Chemistry, 2018, 83, 6444-6453. | 3.2 | 23 |
| 77 | Rh-Catalyzed Câ€“C/Câ€“N bond formation via Câ€“H activation: synthesis of 2H-indazol-2-yl-benzo[a]carbazoles. Organic Chemistry Frontiers, 2019, 6, 3885-3890. | 4.5 | 23 |
| 78 | Cp*Co(III)-Catalyzed C-7 Câ€“C Coupling of Indolines with Aziridines: Merging Câ€“H Activation and Ring Opening. Journal of Organic Chemistry, 2020, 85, 4785-4794. | 3.2 | 23 |
| 79 | Room-Temperature Cu(II)-Catalyzed Chemo- and Regioselective Ortho-Nitration of Arenes via Câ€“H Functionalization. Journal of Organic Chemistry, 2014, 79, 8541-8549. | 3.2 | 21 |
| 80 | Stereoselective Copper-Catalyzed Cross-Coupling of Aziridines with Benzimidazoles via Nucleophilic Ring Opening and C(sp<sup>2</sup>)â€“H Functionalization. Journal of Organic Chemistry, 2017, 82, 3183-3191. | 3.2 | 21 |
| 81 | Expedient iron-catalyzed stereospecific synthesis of triazinesviacycloaddition of aziridines with diaziridines. Chemical Communications, 2020, 56, 3381-3384. | 4.1 | 21 |
| 82 | Transitionâ€Metalâ€Catalyzed Directing Group Assisted (Hetero)aryl Câˆ’H Functionalization: Construction of Câˆ’C/Câ€Heteroatom Bonds. Chemical Record, 2021, 21, 3758-3778. | 5.8 | 20 |
| 83 | Expedient stereospecific Co-catalyzed tandem Câ€“N and Câ€“O bond formation of N-methylanilines with styrene oxides. Chemical Communications, 2018, 54, 11813-11816. | 4.1 | 19 |
| 84 | Iron-Catalyzed Regioselective Remote C(sp<sup>2</sup>)-H Carboxylation of Naphthyl and Quinoline Amides. Journal of Organic Chemistry, 2019, 84, 10481-10489. | 3.2 | 19 |
| 85 | Copper-Catalyzed Hydroxylation of Aryl Halides with Tetrabutylammonium Hydroxide: Synthesis of Substituted Phenols and Alkyl Aryl Ethers. Synthesis, 2010, 2010, 4268-4272. | 2.3 | 18 |
| 86 | Stereospecific Assembly of Fused Imidazolidines via Tandem Ring Opening/Oxidative Amination of Aziridines with Cyclic Secondary Amines Using Photoredox Catalysis. Organic Letters, 2019, 21, 7649-7654. | 4.6 | 18 |
| 87 | The transition-metal-catalyzed stereoselective ring-expansion of vinylaziridines and vinyloxiranes. Organic and Biomolecular Chemistry, 2021, 19, 3776-3790. | 2.8 | 18 |
| 88 | Stereospecific Copper(II)-Catalyzed Tandem Ring Opening/Oxidative Alkylation of Donorâ€“Acceptor Cyclopropanes with Hydrazones: Synthesis of Tetrahydropyridazines. Journal of Organic Chemistry, 2019, 84, 10901-10910. | 3.2 | 17 |
| 89 | Ru<sup>II</sup>â€Catalysed Regioselective Câ€“N Bond Formation of Indolines and Carbazole with Acyl Azides. European Journal of Organic Chemistry, 2019, 2019, 1677-1684. | 2.4 | 17 |
| 90 | Chiral linear polymers bonded alternatively with salen and 1,4-dialkoxybenzene: synthesis and application for Ti-catalyzed asymmetric TMSCN addition to aldehydes. Tetrahedron: Asymmetry, 2010, 21, 2834-2840. | 1.8 | 16 |

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|---|---|---|---|
| 91 | Stereospecific Ring Opening and Cycloisomerization of Aziridines with Propargylamines: Synthesis of Functionalized Piperazines and Tetrahydropyrazines. Organic Letters, 2018, 20, 4444-4448. | 4.6 | 16 |
| 92 | Site-Selective Rh-Catalyzed C-7 and C-6 Dual Câ€“H Functionalization of Indolines: Synthesis of Functionalized Pyrrolocarbazoles. Journal of Organic Chemistry, 2020, 85, 2793-2805. | 3.2 | 16 |
| 93 | Fluorescent non-linear chiral polymer chemosensor bonded alternatively with 1,4-diethynyl-2,5-dioctyloxybenzene and (R,R)-salen for Zn2+recognition. Tetrahedron: Asymmetry, 2012, 23, 101-107. | 1.8 | 15 |
| 94 | Role of temperature in [3+2]-cycloaddition of isoselenocyanates with oxiranes using BF3Â·Et2O. RSC Advances, 2012, 2, 2736. | 3.6 | 14 |
| 95 | Fluorescent OFFâ€“ON polymer chemosensor bonded alternatively with 1,4-dioctyloxybenzene and (R,R)-salen for cascade Zn2+ and chiral recognition. Tetrahedron: Asymmetry, 2012, 23, 570-576. | 1.8 | 13 |
| 96 | Rh-Catalyzed tandem Câ€“C/Câ€“N bond formation of quinoxalines with alkynes leading to heterocyclic ammonium salts. Organic and Biomolecular Chemistry, 2019, 17, 2148-2152. | 2.8 | 13 |
| 97 | Recent advances in the application of tetrabromomethane in organic synthesis. Organic Chemistry Frontiers, 2021, 8, 4288-4314. | 4.5 | 13 |
| 98 | Oxidative Aromatic Cï£¿H Functionalization Promoted by Phenyliodine(III) Diacetate to form Cï£¿N, Cï£¿S, and Cï£¿Se Bonds. Asian Journal of Organic Chemistry, 2013, 2, 843-847. | 2.7 | 12 |
| 99 | Palladium-Catalyzed 2-fold Câ€“H Activation/Câ€“C Coupling for C4-Arylation of Indoles Using Weak Chelation. Organic Letters, 2022, 24, 554-558. | 4.6 | 12 |
| 100 | Pd-catalyzed bidentate auxiliary assisted remote C(sp<sup>3</sup>)â€“H functionalization. Chemical Communications, 2021, 57, 13221-13233. | 4.1 | 11 |
| 101 | K<sub>2</sub>S<sub>2</sub>O<sub>8</sub>â€Mediated Dioxygenation of Aryl Alkenes Using Nâ€Hydroxylamines and Air. ChemistrySelect, 2018, 3, 6152-6155. | 1.5 | 10 |
| 102 | Stereospecific Alâ€Catalysed Tandem Câˆ’N/Câˆ’Se Bond Formation of Isoselenocyanates with Aziridines: Synthesis and DFT Study. Advanced Synthesis and Catalysis, 2019, 361, 55-58. | 4.3 | 10 |
| 103 | Transition-Metal-Free Stereospecific Oxidative Annulative Coupling of Indolines with Aziridines. Journal of Organic Chemistry, 2020, 85, 8261-8270. | 3.2 | 10 |
| 104 | Synthesis and Stereochemical Properties of Chiral Hetero[7]helicenes Structured by a Benzodiheterole Ring Core. Chemistry Letters, 2017, 46, 1214-1216. | 1.3 | 9 |
| 105 | Stereospecific assembly of tetrahydroquinolines via tandem ring-opening/oxidative cyclization of donorâ€“acceptor cyclopropanes with N-alkyl anilines. Chemical Communications, 2019, 55, 8083-8086. | 4.1 | 9 |
| 106 | Copperâ€Catalyzed Domino Oneâ€Pot Synthesis of 2â€(Arylselanyl)arylcyanamides. European Journal of Organic Chemistry, 2011, 2011, 4757-4759. | 2.4 | 8 |
| 107 | Regiospecific Biâ€Catalysed Domino Câ€N/Câ€S Bonds Formation: Synthesis of 1,4â€Thiazines/1,4â€Thiomorpholines. Advanced Synthesis and Catalysis, 2018, 360, 3030-3037. | 4.3 | 8 |
| 108 | Synthesis of Substituted Pyrazoles from Vinylhydrozones via Bromoamination and Hydroamination with 2,2,6,6â€Tetramethylpiperidineâ€1â€oxyl and Nâ€Bromosuccinimide. Asian Journal of Organic Chemistry, 2014, 3, 638-643. | 2.7 | 7 |

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|---|---|---|---|
| 109 | Chiral Feâ€Dendrimerâ€Catalyzed Domino Michael and Aldol Reactions of Chalcones with 1,4â€Dithianeâ€2,5â€diol. ChemistrySelect, 2018, 3, 859-863. | 1.5 | 7 |
| 110 | Oxidative Câ€“H/Nâ€“H Annulation of Aromatic Amides with Dialkyl Malonates: Access to Isoindolinones and Dihydrobenzoindoles. Journal of Organic Chemistry, 2020, 85, 5741-5749. | 3.2 | 7 |
| 111 | Domino Ligand-Free Copper-Catalyzed Synthesis of Polysubstituted Indoles. Synlett, 2011, 2011, 623-626. | 1.8 | 6 |
| 112 | Copper-Catalyzed Synthesis of 2-Arylbenzoxazoles in Tetrabutylammonium Bromide. Synthesis, 2013, 45, 501-506. | 2.3 | 6 |
| 113 | Iodine-Mediated Intramolecular Câ€“H Amination of Benzimidazoles: A Metal-Free Route to Dihydroimidazobenzimidazoles. Synthesis, 2018, 50, 3224-3230. | 2.3 | 6 |
| 114 | Metalâ€Free [3+2]â€Cycloaddition of Thiiranes with Isothiocyanates, Isoselenocyanates and Carbodiimides: Synthesis of 2â€Iminoâ€Dithiolane/Thiaselenolane/Thiazolidines. Asian Journal of Organic Chemistry, 2018, 7, 1583-1586. | 2.7 | 6 |
| 115 | Pd-Catalyzed sp<sup>3</sup>Câ€“H alkoxycarbonylation of 8-methylquinolines using Mo(CO)<sub>6</sub>as a CO surrogate. Chemical Communications, 2021, 57, 3359-3362. | 4.1 | 6 |
| 116 | Expedient Ni(OTf)<sub>2</sub>/visible light photoredox-catalyzed annulation of donorâ€“acceptor cyclopropanes with cyclic secondary amines. Chemical Communications, 2022, 58, 8670-8673. | 4.1 | 6 |
| 117 | Bi-Catalyzed 1,2-Reactivity of Spirocyclopropyl Oxindoles with Dithianediol: Access to Spiroheterocycles. Organic Letters, 2022, 24, 4965-4970. | 4.6 | 6 |
| 118 | Efficient Copper-Catalyzed N-Arylation of Amides and Imidazoles with Aryl Iodides. Synthesis, 2010, 2010, 908-910. | 2.3 | 5 |
| 119 | Expedient cobalt-catalyzed stereospecific cascade Câ€“N and Câ€“O bond formation of styrene oxides with hydrazones. Chemical Communications, 2022, 58, 7090-7093. | 4.1 | 5 |
| 120 | Dual Metallaphotoredoxâ€Catalyzed Directed C(sp<sup>2</sup>)â^'H Functionalization: Access to Câ^'C/Câ€Heteroatom Bonds. European Journal of Organic Chemistry, 2022, 2022, . | 2.4 | 5 |
| 121 | Reusable Cu2O-Nanoparticle-Catalyzed Amidation of Aryl Iodides. Synlett, 2009, 2009, 3323-3327. | 1.8 | 4 |
| 122 | BINOL accelerated Ru(II)-catalyzed regioselective C-H functionalization of arenes with disulfides and diselenides. Journal of Chemical Sciences, 2019, 131, 1. | 1.5 | 4 |
| 123 | Expedient Ni-catalyzed Câ€“H/Câ€“H cross-dehydrogenative coupling of aryl amides with azoles. Chemical Communications, 2022, 58, 5980-5983. | 4.1 | 3 |
| 124 | Copper(II)-Catalyzed Oxidation of Alcohols to Carbonyl Compounds with Hydrogen Peroxide.. ChemInform, 2004, 35, no. | 0.0 | 0 |