

Tharmalingam Punniyamurthy

List of Publications by Year in descending order

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124
papers

7,604
citations

66315

42
h-index

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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. <i>Chemical Reviews</i> , 2005, 105, 2329-2364.	23.0	1,606
2	CuO Nanoparticles Catalyzed C [~] N, C [~] O, and C [~] S Cross-Coupling Reactions: Scope and Mechanism. <i>Journal of Organic Chemistry</i> , 2009, 74, 1971-1976.	1.7	348
3	Ligand-Free Copper-Catalyzed Synthesis of Substituted Benzimidazoles, 2-Aminobenzimidazoles, 2-Aminobenzothiazoles, and Benzoxazoles. <i>Journal of Organic Chemistry</i> , 2009, 74, 8719-8725.	1.7	323
4	Efficient CuO-Nanoparticle-Catalyzed C [~] S Cross-Coupling of Thiols with Iodobenzene. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5583-5586.	7.2	312
5	Recent advances in copper-catalyzed oxidation of organic compounds. <i>Coordination Chemistry Reviews</i> , 2008, 252, 134-154.	9.5	303
6	Efficient ligand-free nickel-catalyzed C [~] S cross-coupling of thiols with aryl iodides. <i>Tetrahedron Letters</i> , 2008, 49, 1484-1487.	0.7	194
7	Iodobenzene Catalyzed C [~] H Amination of <i>m</i> -Substituted Amidines Using <i>m</i> -Chloroperbenzoic Acid. <i>Organic Letters</i> , 2013, 15, 1334-1337.	2.4	141
8	Efficient Copper(I)-Catalyzed C [~] S Cross Coupling of Thiols with Aryl Halides in Water. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 640-643.	1.2	136
9	Cobalt-catalyzed intramolecular C [~] N and C [~] O cross-coupling reactions: synthesis of benzimidazoles and benzoxazoles. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5692.	1.5	127
10	Copper-Mediated Synthesis of Substituted 2-Aryl- <i>m</i> -benzylbenzimidazoles and 2-Arylbenzoxazoles via C [~] H Functionalization/C [~] N/C [~] O Bond Formation. <i>Journal of Organic Chemistry</i> , 2011, 76, 5295-5308.	1.7	118
11	Copper(II)-catalyzed C [~] H oxidation of alkylbenzenes and cyclohexane with hydrogen peroxide. <i>Tetrahedron Letters</i> , 2003, 44, 8955-8957.	0.7	117
12	Transition-metal-catalyzed site-selective C7-functionalization of indoles: advancement and future prospects. <i>Chemical Communications</i> , 2019, 55, 572-587.	2.2	114
13	Copper(II) catalyzed selective oxidation of primary alcohols to aldehydes with atmospheric oxygen. <i>Tetrahedron Letters</i> , 2006, 47, 923-926.	0.7	110
14	Copper(II)-Catalyzed Aerobic Oxidative Synthesis of Substituted 1,2,3- and 1,2,4-Triazoles from Bisarylhydrazones via C [~] H Functionalization/C [~] C/N [~] N/C [~] N Bonds Formation. <i>Journal of Organic Chemistry</i> , 2012, 77, 5063-5073.	1.7	105
15	Polyaniline supported vanadium catalyzed aerobic oxidation of alcohols to aldehydes and ketones. <i>Tetrahedron Letters</i> , 2004, 45, 3561-3564.	0.7	102
16	Palladium-Catalyzed One-Pot Conversion of Aldehydes to Amides. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 288-292.	2.1	99
17	Copper(I)-Catalyzed Regioselective Amination of <i>m</i> -Aryl Imines Using TMSN ₃ and TBHP: A Route to Substituted Benzimidazoles. <i>Journal of Organic Chemistry</i> , 2015, 80, 1644-1650.	1.7	86
18	Copper(II)-Catalyzed Conversion of Bisaryloxime Ethers to 2-Arylbenzoxazoles via C [~] H Functionalization/C [~] N/C [~] O Bonds Formation. <i>Organic Letters</i> , 2011, 13, 1194-1197.	2.4	83

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19	Cobalt(II)-catalyzed oxidation of alcohols into carboxylic acids and ketones with hydrogen peroxide. <i>Tetrahedron Letters</i> , 2003, 44, 6033-6035.	0.7	80
20	On Water Efficient Iron-Catalyzed Cycloaddition of Aziridines with Heterocumulenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 572-575.	7.2	80
21	Pd-Catalyzed C-H Activation/C-N Bond Formation: A New Route to 1-Aryl-1H-benzotriazoles. <i>Organic Letters</i> , 2011, 13, 2102-2105.	2.4	75
22	Transition metal-catalyzed coupling of heterocyclic alkenes via C-H functionalization: recent trends and applications. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1527-1569.	2.3	75
23	Copper(II)-Catalyzed Direct Dioxygenation of Alkenes with Air and N-Hydroxyphthalimide: Synthesis of β -Keto-N-alkoxyphthalimides. <i>Organic Letters</i> , 2015, 17, 2010-2013.	2.4	72
24	Copper catalyzed oxidation of sulfides to sulfoxides with aqueous hydrogen peroxide. <i>Tetrahedron Letters</i> , 2005, 46, 3819-3822.	0.7	70
25	Organocatalytic Syntheses of Benzoxazoles and Benzothiazoles using Aryl Iodide and Oxone via C-H Functionalization and C-O/S Bond Formation. <i>Journal of Organic Chemistry</i> , 2014, 79, 7502-7511.	1.7	70
26	Copper(II)-Catalyzed Oxidative Cross-Coupling of Anilines, Primary Alkyl Amines, and Sodium Azide Using TBHP: A Route to 2-Substituted Benzimidazoles. <i>Journal of Organic Chemistry</i> , 2016, 81, 3227-3234.	1.7	70
27	Copper-Catalyzed Domino Intra- and Intermolecular C-S Cross-Coupling Reactions: Synthesis of 2-(Arylthio)aryl cyanamides. <i>Organic Letters</i> , 2010, 12, 84-87.	2.4	65
28	A Novel Tandem Sequence to Pyrrole Syntheses by 5-endo-dig Cyclization of 1,3-Enynes with Amines. <i>Organic Letters</i> , 2013, 15, 4996-4999.	2.4	65
29	Copper(II)-Catalyzed Oxidation of Alcohols to Carbonyl Compounds with Hydrogen Peroxide. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3913-3915.	1.2	57
30	Copper(II)-Mediated Chelation-Assisted Regioselective N-Naphthylation of Indoles, Pyrazoles and Pyrrole through Dehydrogenative Cross-Coupling. <i>Journal of Organic Chemistry</i> , 2017, 82, 4883-4890.	1.7	57
31	Pd(II)-Catalyzed Aminotetrazole-Directed Ortho-Selective Halogenation of Arenes. <i>Journal of Organic Chemistry</i> , 2013, 78, 6104-6111.	1.7	55
32	Expedient cobalt-catalyzed site-selective C7-arylation of indolines with arylboronic acids. <i>Chemical Communications</i> , 2018, 54, 2494-2497.	2.2	53
33	Copper-mediated regioselective N-arylation of pyrroles, indoles, pyrazoles and carbazole via dehydrogenative coupling. <i>Chemical Communications</i> , 2016, 52, 2803-2806.	2.2	51
34	Preparation of α -Azido- β -Substituted α -H-Benzoimidazoles Using a Copper-Promoted Three-Component Reaction and Their Further Conversion into α -Amino and α -Triazolyl Derivatives. <i>Chemistry - A European Journal</i> , 2012, 18, 13279-13283.	1.7	50
35	Molybdenum(VI)-peroxo complex catalyzed oxidation of alkylbenzenes with hydrogen peroxide. <i>Tetrahedron Letters</i> , 2003, 44, 4915-4917.	0.7	49
36	Recent Advances in Radical Dioxygenation of Olefins. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5424-5438.	1.2	49

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37	Enantiomerically pure bicyclo[3.3.1]nona-2,6-diene as the sole source of enantioselectivity in BIPHEP-Rh asymmetric hydrogenation. <i>Chemical Communications</i> , 2008, , 5092.	2.2	48
38	Silica-Supported Vanadium-Catalyzed N-Oxidation of Tertiary Amines with Aqueous Hydrogen Peroxide. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1958-1960.	2.1	47
39	Weak Coordination Enabled Switchable C4-Alkenylation and Alkylation of Indoles with Allyl Alcohols. <i>Organic Letters</i> , 2020, 22, 1720-1725.	2.4	47
40	Synthesis, Structure, and Application of Self-Assembled Copper(II) Aqua Complex by H-Bonding for Acceleration of the Nitroaldol Reaction on Water. <i>Chemistry - an Asian Journal</i> , 2009, 4, 314-320.	1.7	45
41	Recent Advances in Metal-Catalyzed Alkylation, Alkenylation and Alkynylation of Indole/indoline Benzenoid Nucleus. <i>Chemistry - an Asian Journal</i> , 2020, 15, 4184-4198.	1.7	45
42	Synthesis of Functionalized Pyrazoles via Vanadium-Catalyzed C-N Dehydrogenative Cross-Coupling and Fluorescence Switch-On Sensing of BSA Protein. <i>Organic Letters</i> , 2015, 17, 5308-5311.	2.4	44
43	Iron-catalyzed aerobic dioxygenation of styrenes using N-hydroxyphthalimide and N-hydroxybenzotriazole. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3246-3255.	1.5	44
44	Copper-mediated regioselective C-H etherification of naphthylamides with arylboronic acids using water as an oxygen source. <i>Chemical Communications</i> , 2018, 54, 3899-3902.	2.2	44
45	Recent advances in transition-metal-mediated Csp ² -B and Csp ² -P cross-coupling reactions. <i>Coordination Chemistry Reviews</i> , 2021, 431, 213675.	9.5	44
46	Vanadium-Catalyzed Selective Oxidation of Alcohols to Aldehydes and Ketones with tert-Butyl Hydroperoxide. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 846-848.	2.1	43
47	Domino Synthesis of Tetrasubstituted Thiophenes from 1,3-Enynes with Mercaptoacetaldehyde. <i>Journal of Organic Chemistry</i> , 2016, 81, 2670-2674.	1.7	42
48	Stereospecific Copper-Catalyzed Domino Ring Opening and sp ³ C-H Functionalization of Activated Aziridines with N-Alkylanilines. <i>Organic Letters</i> , 2017, 19, 158-161.	2.4	41
49	Microwave-Assisted Copper-Catalyzed Four-Component Tandem Synthesis of 3-N-Sulfonylamidine Coumarins. <i>Journal of Organic Chemistry</i> , 2015, 80, 6291-6299.	1.7	40
50	Rh-Catalyzed regioselective C-H activation and C-C bond formation: synthesis and photophysical studies of indazolo[2,3-a]quinolines. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2630-2635.	2.3	40
51	Palladium-catalyzed aerobic oxidative C-H amination: synthesis of 2-unsubstituted and 2-substituted N-aryl benzimidazoles. <i>RSC Advances</i> , 2012, 2, 4616.	1.7	39
52	Cobalt(II)-catalyzed direct acetylation of alcohols with acetic acid. <i>Tetrahedron</i> , 2005, 61, 2011-2015.	1.0	38
53	Weak Coordination-Guided Regioselective Direct Redox-Neutral C4 Allylation of Indoles with Morita-Baylis-Hillman Adducts. <i>Organic Letters</i> , 2019, 21, 9898-9903.	2.4	38
54	Chiral binuclear copper(II) catalyzed nitroaldol reaction: scope and mechanism. <i>Tetrahedron</i> , 2008, 64, 11724-11731.	1.0	37

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55	Novel Copper-Catalyzed Multicomponent Cascade Synthesis of Iminocoumarin Aryl Methyl Ethers. <i>Organic Letters</i> , 2013, 15, 3828-3831.	2.4	37
56	On Water-C(sp ³)-H Functionalization/C-O/C-N Bonds Formations: Synthesis of Functionalized Oxazolidines and Imidazolidines. <i>Journal of Organic Chemistry</i> , 2016, 81, 9792-9801.	1.7	37
57	Exploiting Strained Rings in Chelation Guided C-H Functionalization: Integration of C-H Activation with Ring Cleavage. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4520-4533.	1.7	36
58	Cadmium(II)-Catalyzed C-N Cross-Coupling of Amines with Aryl Iodides. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 395-398.	2.1	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. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2786-2792.	1.5	34
60	Copper(II)-Catalyzed Oxidative Coupling of Anilines, Methyl Arenes, and TMSN ₃ via C(sp ³)/sp ² -H Functionalization and C-N Bond Formation. <i>Organic Letters</i> , 2017, 19, 6554-6557.	2.4	33
61	Synthesis, Structure and Catalysis of Tetranuclear Copper(II) Open Cubane for Henry Reaction on Water. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2508-2511.	1.0	32
62	Room-Temperature Cu(II)-Catalyzed Chemo- and Regioselective <i>Ortho</i> -Nitration of Arenes via C-H Functionalization. <i>Journal of Organic Chemistry</i> , 2015, 80, 8245-8253.	1.7	32
63	Copper(II)-Catalyzed Nitroaldol (Henry) Reactions: Recent Developments. <i>Chemical Record</i> , 2016, 16, 1906-1917.	2.9	32
64	Recent Advances in Stereoselective Ring Expansion of Spirocyclopropanes: Access to the Spirocyclic Compounds. <i>ACS Omega</i> , 2020, 5, 26316-26328.	1.6	32
65	Efficient pyrrolidine catalyzed cycloaddition of aziridines with isothiocyanates, isoselenocyanates and carbon disulfide on water. <i>RSC Advances</i> , 2014, 4, 54149-54157.	1.7	31
66	Synthesis, Structure and Application of Chiral Copper(II) Coordination Polymers for Asymmetric Acylation. <i>Inorganic Chemistry</i> , 2008, 47, 5093-5098.	1.9	30
67	Cobalt(II) catalyzed tosylation of alcohols with p-toluenesulfonic acid. <i>Tetrahedron Letters</i> , 2004, 45, 203-205.	0.7	29
68	Enantiospecific Aluminum-Catalyzed (3+2) Cycloaddition of Unactivated Aziridines with Isothiocyanates. <i>Journal of Organic Chemistry</i> , 2016, 81, 11508-11513.	1.7	28
69	Ru(II)-Catalyzed C7-acyloxylation of indolines with carboxylic acids. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5889-5898.	1.5	28
70	Copper-catalysed one-pot synthesis of N-substituted benzo[d]isothiazol-3(2H)-ones via C-S/N-S bond formation. <i>RSC Advances</i> , 2012, 2, 7057.	1.7	24
71	Effect of ligand N,N-substituents on the reactivity of chiral copper(II) salen, salan, and salalan complexes toward asymmetric nitroaldol reactions. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1331-1339.	1.8	24
72	Iron(III)-Mediated Radical Nitration of Bisarylsulfonyl Hydrazones: Synthesis of Bisarylnitromethyl Sulfones. <i>Journal of Organic Chemistry</i> , 2015, 80, 6776-6783.	1.7	24

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73	Cp*Co(III)-Catalyzed Regioselective C2 Amidation of Indoles Using Acyl Azides. <i>Journal of Organic Chemistry</i> , 2019, 84, 16278-16285.	1.7	24
74	Chiral linear polymers bonded alternatively with salen and 1,4-dialkoxy-2,6-diethynylbenzene: synthesis and application to diethylzinc addition to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2016-2020.	1.8	23
75	Aerobic Metal-Free Dioxygenation of Alkenes with <i>tert</i> -Butyl Nitrite and <i>N</i> -Hydroxylamines. <i>ACS Omega</i> , 2017, 2, 6278-6290.	1.6	23
76	Ruthenium(II)-Catalyzed Positional Selective C-H Oxygenation of <i>N</i> -Aryl-2-pyrimidines. <i>Journal of Organic Chemistry</i> , 2018, 83, 6444-6453.	1.7	23
77	Rh-Catalyzed C/C-N bond formation <i>via</i> C-H activation: synthesis of 2- <i>H</i> -indazol-2-yl-benzo[<i>a</i>]carbazoles. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3885-3890.	2.3	23
78	Cp*Co(III)-Catalyzed C-7 C-C Coupling of Indolines with Aziridines: Merging C-H Activation and Ring Opening. <i>Journal of Organic Chemistry</i> , 2020, 85, 4785-4794.	1.7	23
79	Room-Temperature Cu(II)-Catalyzed Chemo- and Regioselective Ortho-Nitration of Arenes <i>via</i> C-H Functionalization. <i>Journal of Organic Chemistry</i> , 2014, 79, 8541-8549.	1.7	21
80	Stereoselective Copper-Catalyzed Cross-Coupling of Aziridines with Benzimidazoles <i>via</i> Nucleophilic Ring Opening and C(sp ²)-H Functionalization. <i>Journal of Organic Chemistry</i> , 2017, 82, 3183-3191.	1.7	21
81	Expedient iron-catalyzed stereospecific synthesis of triazines <i>via</i> cycloaddition of aziridines with diaziridines. <i>Chemical Communications</i> , 2020, 56, 3381-3384.	2.2	21
82	Transition-Metal-Catalyzed Directing Group Assisted (Hetero)aryl C-H Functionalization: Construction of C-C/Heteroatom Bonds. <i>Chemical Record</i> , 2021, 21, 3758-3778.	2.9	20
83	Expedient stereospecific Co-catalyzed tandem C-N and C-O bond formation of <i>N</i> -methylanilines with styrene oxides. <i>Chemical Communications</i> , 2018, 54, 11813-11816.	2.2	19
84	Iron-Catalyzed Regioselective Remote C(sp ²)-H Carboxylation of Naphthyl and Quinoline Amides. <i>Journal of Organic Chemistry</i> , 2019, 84, 10481-10489.	1.7	19
85	Copper-Catalyzed Hydroxylation of Aryl Halides with Tetrabutylammonium Hydroxide: Synthesis of Substituted Phenols and Alkyl Aryl Ethers. <i>Synthesis</i> , 2010, 2010, 4268-4272.	1.2	18
86	Stereospecific Assembly of Fused Imidazolidines <i>via</i> Tandem Ring Opening/Oxidative Amination of Aziridines with Cyclic Secondary Amines Using Photoredox Catalysis. <i>Organic Letters</i> , 2019, 21, 7649-7654.	2.4	18
87	The transition-metal-catalyzed stereoselective ring-expansion of vinylaziridines and vinyloxiranes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3776-3790.	1.5	18
88	Stereospecific Copper(II)-Catalyzed Tandem Ring Opening/Oxidative Alkylation of Donor-Acceptor Cyclopropanes with Hydrazones: Synthesis of Tetrahydropyridazines. <i>Journal of Organic Chemistry</i> , 2019, 84, 10901-10910.	1.7	17
89	Ru ^{II} -Catalysed Regioselective C-N Bond Formation of Indolines and Carbazole with Acyl Azides. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1677-1684.	1.2	17
90	Chiral linear polymers bonded alternatively with salen and 1,4-dialkoxybenzene: synthesis and application for Ti-catalyzed asymmetric TMSCN addition to aldehydes. <i>Tetrahedron: Asymmetry</i> , 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. <i>Organic Letters</i> , 2018, 20, 4444-4448.	2.4	16
92	Site-Selective Rh-Catalyzed C-7 and C-6 Dual C-H Functionalization of Indolines: Synthesis of Functionalized Pyrrolocarbazoles. <i>Journal of Organic Chemistry</i> , 2020, 85, 2793-2805.	1.7	16
93	Fluorescent non-linear chiral polymer chemosensor bonded alternatively with 1,4-diethynyl-2,5-dioctyloxybenzene and (R,R)-salen for Zn ²⁺ -recognition. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 101-107.	1.8	15
94	Role of temperature in [3+2]-cycloaddition of isoselenocyanates with oxiranes using BF ₃ ·Et ₂ O. <i>RSC Advances</i> , 2012, 2, 2736.	1.7	14
95	Fluorescent OFF-ON polymer chemosensor bonded alternatively with 1,4-dioctyloxybenzene and (R,R)-salen for cascade Zn ²⁺ and chiral recognition. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 570-576.	1.8	13
96	Rh-Catalyzed tandem C-C/C-N bond formation of quinoxalines with alkynes leading to heterocyclic ammonium salts. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2148-2152.	1.5	13
97	Recent advances in the application of tetrabromomethane in organic synthesis. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4288-4314.	2.3	13
98	Oxidative Aromatic C-H Functionalization Promoted by Phenyliodine(III) Diacetate to form C-N, C-S, and C-Se Bonds. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 843-847.	1.3	12
99	Palladium-Catalyzed 2-fold C-H Activation/C-C Coupling for C ₄ -Arylation of Indoles Using Weak Chelation. <i>Organic Letters</i> , 2022, 24, 554-558.	2.4	12
100	Pd-catalyzed bidentate auxiliary assisted remote C(sp ³)-H functionalization. <i>Chemical Communications</i> , 2021, 57, 13221-13233.	2.2	11
101	K ₂ S ₂ O ₈ -Mediated Dioxygenation of Aryl Alkenes Using N-Hydroxylamines and Air. <i>ChemistrySelect</i> , 2018, 3, 6152-6155.	0.7	10
102	Stereospecific Al-Catalysed Tandem C-N/C-Se Bond Formation of Isoselenocyanates with Aziridines: Synthesis and DFT Study. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 55-58.	2.1	10
103	Transition-Metal-Free Stereospecific Oxidative Annulative Coupling of Indolines with Aziridines. <i>Journal of Organic Chemistry</i> , 2020, 85, 8261-8270.	1.7	10
104	Synthesis and Stereochemical Properties of Chiral Hetero[7]helicenes Structured by a Benzodiheterole Ring Core. <i>Chemistry Letters</i> , 2017, 46, 1214-1216.	0.7	9
105	Stereospecific assembly of tetrahydroquinolines via tandem ring-opening/oxidative cyclization of donor-acceptor cyclopropanes with N-alkyl anilines. <i>Chemical Communications</i> , 2019, 55, 8083-8086.	2.2	9
106	Copper-Catalyzed Domino One-Pot Synthesis of 2-(Arylselanyl)arylcyanamides. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4757-4759.	1.2	8
107	Regiospecific Bi-Catalysed Domino C-N/C-S Bonds Formation: Synthesis of 1,4-Thiazines/1,4-Thiomorpholines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3030-3037.	2.1	8
108	Synthesis of Substituted Pyrazoles from Vinylhydrozones via Bromoamination and Hydroamination with 2,2,6,6-tetramethylpiperidine-1-oxyl and N-Bromosuccinimide. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 638-643.	1.3	7

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109	Chiral Fe-Dendrimer-Catalyzed Domino Michael and Aldol Reactions of Chalcones with 1,4-Dithiane-2,5-diol. <i>ChemistrySelect</i> , 2018, 3, 859-863.	0.7	7
110	Oxidative C-H/N-H Annulation of Aromatic Amides with Dialkyl Malonates: Access to Isoindolinones and Dihydrobenzoindoles. <i>Journal of Organic Chemistry</i> , 2020, 85, 5741-5749.	1.7	7
111	Domino Ligand-Free Copper-Catalyzed Synthesis of Polysubstituted Indoles. <i>Synlett</i> , 2011, 2011, 623-626.	1.0	6
112	Copper-Catalyzed Synthesis of 2-Arylbenzoxazoles in Tetrabutylammonium Bromide. <i>Synthesis</i> , 2013, 45, 501-506.	1.2	6
113	Iodine-Mediated Intramolecular C-H Amination of Benzimidazoles: A Metal-Free Route to Dihydroimidazobenzimidazoles. <i>Synthesis</i> , 2018, 50, 3224-3230.	1.2	6
114	Metal-Free [3+2]-Cycloaddition of Thiiranes with Isothiocyanates, Isoselenocyanates and Carbodiimides: Synthesis of 2-Amino-Dithiolane/Thiaselenolane/Thiazolidines. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1583-1586.	1.3	6
115	Pd-Catalyzed sp^3 -C-H alkoxy carbonylation of 8-methylquinolines using $Mo(CO)_6$ as a CO surrogate. <i>Chemical Communications</i> , 2021, 57, 3359-3362.	2.2	6
116	Expedient $Ni(OTf)_2$ /visible light photoredox-catalyzed annulation of donor-acceptor cyclopropanes with cyclic secondary amines. <i>Chemical Communications</i> , 2022, 58, 8670-8673.	2.2	6
117	Bi-Catalyzed 1,2-Reactivity of Spirocyclopropyl Oxindoles with Dithianediol: Access to Spiroheterocycles. <i>Organic Letters</i> , 2022, 24, 4965-4970.	2.4	6
118	Efficient Copper-Catalyzed N-Arylation of Amides and Imidazoles with Aryl Iodides. <i>Synthesis</i> , 2010, 2010, 908-910.	1.2	5
119	Expedient cobalt-catalyzed stereospecific cascade C-N and C-O bond formation of styrene oxides with hydrazones. <i>Chemical Communications</i> , 2022, 58, 7090-7093.	2.2	5
120	Dual Metallaphotoredox-Catalyzed Directed $C(sp^2)$ -H Functionalization: Access to C-C/C-Heteroatom Bonds. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	5
121	Reusable Cu_2O -Nanoparticle-Catalyzed Amidation of Aryl Iodides. <i>Synlett</i> , 2009, 2009, 3323-3327.	1.0	4
122	BINOL accelerated Ru(II)-catalyzed regioselective C-H functionalization of arenes with disulfides and diselenides. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	4
123	Expedient Ni-catalyzed C-H/C-H cross-dehydrogenative coupling of aryl amides with azoles. <i>Chemical Communications</i> , 2022, 58, 5980-5983.	2.2	3
124	Copper(II)-Catalyzed Oxidation of Alcohols to Carbonyl Compounds with Hydrogen Peroxide.. <i>ChemInform</i> , 2004, 35, no.	0.1	0