

Xiang-Shan Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Convenient Synthesis of 5-Oxo-5,6,7,8-tetrahydro-4H-benzo-[b]-pyran Derivatives Catalyzed by KF-Alumina. <i>Synthetic Communications</i> , 2003, 33, 119-126.	2.1	150
2	Facile Method for the Combinatorial Synthesis of 2,2-Disubstituted Quinazolin-4(1 <i>H</i>)-one Derivatives Catalyzed by Iodine in Ionic Liquids. <i>ACS Combinatorial Science</i> , 2010, 12, 417-421.	3.3	90
3	Three-component green synthesis of N-arylquinoline derivatives in ionic liquid [Bmim ⁺][BF ₄ ⁻]: reactions of arylaldehyde, 3-arylamino-5,5-dimethylcyclohex-2-enone, and active methylene compounds. <i>Tetrahedron</i> , 2007, 63, 4439-4449.	1.9	89
4	A simple and clean procedure for the synthesis of polyhydroacridine and quinoline derivatives: reaction of Schiff base with 1,3-dicarbonyl compounds in aqueous medium. <i>Tetrahedron Letters</i> , 2005, 46, 7169-7173.	1.4	77
5	CuI-Catalyzed C-N Bond Formation and Cleavage for the Synthesis of Benimidazo[1,2- <i>a</i>]quinazoline Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 5847-5851.	3.2	69
6	An Efficient Method for the Synthesis of Benzo[<i>f</i>]quinoline and Benzo[<i>a</i>]phenanthridine Derivatives Catalyzed by Iodine by a Three-Component Reaction of Arenecarbaldehyde, Naphthalen-2-amine, and Cyclic Ketone. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3513-3518.	2.4	66
7	An Efficient synthesis of pyrimido[4,5- <i>b</i>]quinoline and indeno[2- <i>a</i> ,1- <i>b</i> :5,6]pyrido[2,3- <i>d</i>]pyrimidine derivatives via multicomponent reactions in ionic liquid. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 693-702.	2.6	61
8	Efficient Method for the Synthesis of Pyranoquinoline, Thiopyranoquinoline, Thienoquinoline, and Naphtho[2,7]naphthyridine Derivatives Catalyzed by Iodine. <i>ACS Combinatorial Science</i> , 2009, 11, 433-437.	3.3	61
9	Enantioselective Assembly of Spirocyclic Oxindole-dihydropyranones through NHC-Catalyzed Cascade Reaction of Isatins with N-Hydroxybenzotriazole Esters of α,β -Unsaturated Carboxylic Acid. <i>Journal of Organic Chemistry</i> , 2015, 80, 3289-3294.	3.2	60
10	<i>N</i> -Heterocyclic Carbene-Catalyzed [4 + 2] Cyclization of Saturated Carboxylic Acid with <i>o</i> -Quinone Methides through in Situ Activation: Enantioselective Synthesis of Dihydrocoumarins. <i>Journal of Organic Chemistry</i> , 2017, 82, 1790-1795.	3.2	58
11	[3 + 2] Cycloaddition of Isocyanides with Aryl Diazonium Salts: Catalyst-Dependent Regioselective Synthesis of 1,3- and 1,5-Disubstituted 1,2,4-Triazoles. <i>Organic Letters</i> , 2018, 20, 6930-6933.	4.6	58
12	An improved and clean procedure for the synthesis of one-donor poly-acceptors systems containing 2,6-dicyanoamine moiety in aqueous media catalyzed by TEAC in the presence and absence of K ₂ CO ₃ . <i>Tetrahedron</i> , 2007, 63, 5265-5273.	1.9	56
13	An efficient synthesis of polyhydroacridine derivatives by the three-component reaction of aldehydes, amines and dimedone in ionic liquid. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 653-660.	2.6	53
14	Efficient and Highly Selective Method for the Synthesis of Benzo(naphtho)quinoline Derivatives Catalyzed by Iodine. <i>ACS Combinatorial Science</i> , 2010, 12, 266-269.	3.3	50
15	An Improved and Benign Synthesis of 9,10-Diarylacridine-1,8-dione and Indenoquinoline Derivatives from 3-Anilino-5,5-dimethylcyclohex-2-enones, Benzaldehydes, and 1,3-Dicarbonyl Compounds in an Ionic Liquid Medium. <i>Synthesis</i> , 2006, 2006, 4187-4199.	2.3	49
16	Copper(I)-Catalyzed Synthesis of 5-Arylidazolo[3,2- <i>b</i>]quinazolin-7(5 <i>H</i>)-one via Ullmann-Type Reaction. <i>Journal of Organic Chemistry</i> , 2013, 78, 5700-5704.	3.2	49
17	An Efficient and Highly Selective Method for the Synthesis of 3-Arylbenzo[<i>a</i>]quinoline Derivatives Catalyzed by Iodine via Three-Component Reactions. <i>Synthesis</i> , 2008, 2008, 1902-1910.	2.3	47
18	Combinatorial Synthesis of 3-Arylideneaminoquinazolin-4(1 <i>H</i>)-one Derivatives Catalyzed by Iodine in Ionic Liquids. <i>ACS Combinatorial Science</i> , 2011, 13, 196-199.	3.8	46

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19	Green Method for the Synthesis of Highly Substituted Cyclohexa-1,3-diene, Polyhydroindene, Polyhydronaphthalene, Isochromene, Isothiochromene, and Isoquinoline Derivatives in Ionic Liquids. <i>ACS Combinatorial Science</i> , 2009, 11, 1011-1022.	3.3	45
20	Consecutive Sonogashira Coupling and Hydroamination Cyclization for the Synthesis of Isoindolo[1,2- <i>b</i>]quinazolin-10(12 <i>H</i>)-ones Catalyzed by CuI-Proline. <i>Journal of Organic Chemistry</i> , 2017, 82, 4918-4923.	3.2	41
21	Synthesis of 2-Arylquinazolin-4(3 <i>H</i>)-one Derivatives Catalyzed by Iodine in [bmim][PF ₆]. <i>Synthetic Communications</i> , 2010, 40, 2633-2646.	2.1	40
22	Cu(OAc) ₂ -Catalyzed Aerobic Oxidative Dehydrogenation Coupling: Synthesis of Heptacyclic Quinolizino[3,4,5,6- <i>k</i>]perimidines. <i>Journal of Organic Chemistry</i> , 2017, 82, 1817-1822.	3.2	40
23	Yb(OTf) ₃ : an efficient catalyst for the synthesis of 3-arylbenzo [f]quinoline-1,2-dicarboxylate derivatives via imino-Diels-Alder reaction. <i>Tetrahedron Letters</i> , 2010, 51, 5721-5723.	1.4	33
24	Green Synthesis of Quinazolinone Derivatives Catalyzed by Iodine in Ionic Liquid. <i>Synthetic Communications</i> , 2012, 42, 341-349.	2.1	33
25	Combinatorial Synthesis of Pyrrolo[3,2- <i>f</i>]quinoline and Pyrrolo[3,2- <i>a</i>]acridine Derivatives via a Three-Component Reaction under Catalyst-Free Conditions. <i>ACS Combinatorial Science</i> , 2013, 15, 498-502.	3.8	30
26	One Pot Three Component Synthesis of 9-arylpolyhydroacridine Derivatives in an Ionic Liquid Medium. <i>Journal of Chemical Research</i> , 2005, 2005, 600-602.	1.3	29
27	CuI-catalyzed Sonogashira reaction for the efficient synthesis of 1 <i>H</i> -imidazo[2,1- <i>a</i>]isoquinoline derivatives. <i>Tetrahedron</i> , 2017, 73, 4698-4705.	1.9	29
28	A Novel and Green Method for the Synthesis of Indeno[2,1- <i>c</i>]pyridine Derivatives in Ionic Liquid Catalyzed by Malononitrile. <i>Synlett</i> , 2008, 2008, 1185-1188.	1.8	28
29	A Stereoselective Povarov Reaction Leading to <i>exo</i> -Tetrahydroindolo[3,2- <i>c</i>]quinoline Derivatives Catalyzed by Iodine. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4811-4818.	2.4	28
30	One-pot Synthesis of <i>N</i> -Hydroxyacridine Derivatives in Water. <i>Chinese Journal of Chemistry</i> , 2005, 23, 1223-1227.	4.9	27
31	Structurally diversified products from the reactions of 2-aminobenzamides with 1,3-cyclohexanediones catalyzed by iodine. <i>Tetrahedron Letters</i> , 2013, 54, 757-760.	1.4	27
32	An Enantioselective Assembly of Dihydropyranones through an NHC/LiCl-Mediated in situ Activation of α,β -Unsaturated Carboxylic Acids. <i>Chemistry - an Asian Journal</i> , 2016, 11, 678-681.	3.3	27
33	Copper(I)-catalyzed synthesis of 1-arylpyrazolo[5,1- <i>b</i>]quinazolin-9(1 <i>H</i>)-one via intramolecular alkyne hydroamination. <i>Tetrahedron</i> , 2014, 70, 2889-2893.	1.9	25
34	Ionic Liquid-Mediated One-Pot Synthesis of 5-(Trifluoromethyl)-4,7-dihydro-tetrazolo[1,5- <i>a</i>]pyrimidine Derivatives. <i>Synthetic Communications</i> , 2012, 42, 2728-2738.	2.1	22
35	An efficient synthesis of 6-arylbenzo[4,5]imidazo[2,1- <i>a</i>]isoquinolines via sequential α -arylation of carbonyl and deacylation catalyzed by CuI. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5325-5331.	2.8	22
36	Silver-Catalyzed Sequential Cascade Reaction of Isocyanides with 1-(2-ethynylphenyl)prop-2-yn-1-yl: Access to Benzo[<i>b</i>]fluorenes and Benzofuran-Pyrroles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1543-1548.	4.3	20

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37	Switchable Copper-Catalyzed Approach to Benzodithiole, Benzothiaselenole, and Dibenzodithiocine Skeletons. <i>Organic Letters</i> , 2020, 22, 3454-3459.	4.6	20
38	A CONVENIENT SYNTHESIS OF 2,4-DIARYLPOLYHYDROQUINOLINE DERIVATIONS IN THE PRESENCE OF AMMONIUM ACETATE. <i>Synthetic Communications</i> , 2002, 32, 3449-3454.	2.1	19
39	Iodine-catalyzed synthesis of 2-arylpyrazolo[5,1-b]quinazolin-9(3H)-one derivatives in ionic liquids via domino reaction. <i>Tetrahedron</i> , 2014, 70, 3440-3446.	1.9	19
40	A clean synthesis of polyhydroacridine and indenoquinoline derivatives catalyzed by triethylbenzylammonium chloride in aqueous media. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 989-995.	2.6	18
41	Iodine-catalyzed synthesis of 5H-phthalazino[1,2-b]quinazoline and isoindolo[2,1-a]quinazoline derivatives via a chemoselective reaction of 2-aminobenzohydrazide and 2-formylbenzoic acid in ionic liquids. <i>Tetrahedron Letters</i> , 2016, 57, 2515-2519.	1.4	18
42	Silver-Catalyzed Controlled Intermolecular Cross-Coupling of Silyl Enol Ethers: Scalable Access to 1,4-Diketones. <i>Organic Letters</i> , 2022, 24, 4513-4518.	4.6	18
43	A Clean Procedure for the Synthesis of Chromeno[4,3-b]benzo[f]quinoline and Quinolino[4,3-b]benzo[f]quinoline Derivatives in Aqueous Media. <i>Chemistry Letters</i> , 2005, 34, 1316-1317.	1.3	17
44	Green Method for the Synthesis of Benzo[<i>c</i>]pyrimido[4,5- <i>b</i>]quinoline Derivatives Catalyzed by Iodine in Aqueous Media. <i>Synthetic Communications</i> , 2009, 39, 3069-3080.	2.1	17
45	Synthesis of 2-aminochromene derivatives catalyzed by KF/Al_2O_3 . <i>Chinese Journal of Chemistry</i> , 2003, 21, 1114-1117.	4.9	17
46	Synthesis of bis-benzoquinoline derivatives catalyzed by iodine via ring-opening of furan. <i>Tetrahedron</i> , 2013, 69, 7045-7050.	1.9	17
47	Synthesis of Isoindolo[2,1- <i>a</i>]quinazoline Derivatives in Ionic Liquid Catalyzed by Iodine. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 630-634.	2.6	17
48	Silver-Mediated Synthesis of Substituted Benzofuran- and Indole-Pyrroles via Sequential Reaction of <i>ortho</i> -Alkynylaromatics with Methylene Isocyanides. <i>Journal of Organic Chemistry</i> , 2019, 84, 8998-9006.	3.2	17
49	An efficient synthesis of 1,3-diarylbenzo[<i>c</i>]quinolines from 2-halogenated acetophenone, aromatic aldehyde, and naphthalen-2-amine catalyzed by iodine. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 1222-1228.	2.6	16
50	Combinatorial Synthesis of Fused Tetracyclic Heterocycles Containing [1,6]Naphthyridine Derivatives under Catalyst Free Conditions. <i>ACS Combinatorial Science</i> , 2013, 15, 267-272.	3.8	16
51	Silver-Induced [3+2] Cycloaddition of Isocyanides with Acyl Chlorides: Regioselective Synthesis of 2,5-Disubstituted Oxazoles. <i>ChemCatChem</i> , 2019, 11, 4272-4275.	3.7	16
52	A novel and efficient method for the synthesis of 5-arylnaphtho[2,1- <i>c</i>][2,7]naphthyridine derivatives catalyzed by iodine. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 1229-1234.	2.6	15
53	Iodine-Catalyzed Synthesis of 3-Arylbenzoquinoline Derivatives by Three-Component Reactions. <i>Synthetic Communications</i> , 2009, 39, 702-715.	2.1	15
54	A green method for the synthesis of thiochromene derivatives in ionic liquids. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 1056-1060.	2.6	15

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55	Domino synthesis of fused hexacyclic imidazoquinolinoacridinones catalyzed by CuI/I-proline. <i>Tetrahedron</i> , 2014, 70, 8919-8924.	1.9	15
56	Silver-Assisted [3 + 2] Annulation of Nitrones with Isocyanides: Synthesis of 2,3,4-Trisubstituted 1,2,4-Oxadiazolidin-5-ones. <i>Journal of Organic Chemistry</i> , 2020, 85, 3560-3567.	3.2	15
57	An Unexpected Triethylbenzylammonium Chloride Catalyzed Ring Opening of 2-Pyrones in the Synthesis of 1-Arylbenzo[f]quinoline-2-carboxamide Derivatives in Aqueous Media. <i>Synlett</i> , 2007, 2007, 3141-3144.	1.8	14
58	Iodine-catalyzed synthesis of dibenzo[b,h][1,6]naphthyridine-11-carboxamides via a domino reaction involving double elimination of hydrogen bromide. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2774-2779.	2.8	14
59	Iodine-catalyzed synthesis of fused tetracyclic pyridazino[6,1-b]pyrrolo[1,2-a]quinazolin-9(1H)-one derivatives via a tandem reaction. <i>Tetrahedron</i> , 2016, 72, 2178-2185.	1.9	14
60	Copper-catalyzed synthesis of arylcarboxamides from aldehydes and isocyanides: the isocyano group as an N1 synthon. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6314-6317.	2.8	14
61	Silver-Promoted (4 + 1) Annulation of Isocynoacetates with Alkylpyridinium Salts: Divergent Regioselective Synthesis of 1,2-Disubstituted Indolizines. <i>Organic Letters</i> , 2021, 23, 7555-7560.	4.6	14
62	A Convenient and Clean Procedure for the Synthesis of Pyran Derivatives in Aqueous Media Catalysed by Tebac. <i>Journal of Chemical Research</i> , 2006, 2006, 228-230.	1.3	13
63	Divergent Products Obtained from the Reactions of Salicylaldehyde and 4-Hydroxycoumarin in TEBAc-H ₂ O, KF-Al ₂ O ₃ -EtOH, and Ionic Liquid. <i>Synthetic Communications</i> , 2010, 40, 3332-3345.	2.1	13
64	An Efficient Synthesis of Pyrrolo[1,2-a]quinazoline Derivatives in Ionic Liquid Catalyzed by Iodine. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 841-845.	2.6	13
65	A novel and green method for the synthesis of highly substituted isoquinoline derivatives in ionic liquid. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 1355-1363.	2.6	12
66	Efficient method for the synthesis of 2-(3-arylbenzo[f]quinolin-2-yl)ethanol derivatives through an unusual ring-opening of THF-involved reaction. <i>Tetrahedron Letters</i> , 2011, 52, 612-614.	1.4	12
67	Ionic Liquid as an Efficient and Recyclable Reaction Medium for the Synthesis of Pyrido[2,3-d]pyrimidines. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 534-538.	2.6	12
68	Green synthesis of bis-quinazolinone derivatives catalyzed by iodine in ionic liquids. <i>Research on Chemical Intermediates</i> , 2014, 40, 2823-2835.	2.7	12
69	Simple Procedure for the Synthesis of 5,7-Diarylpyrido[2,3-d]pyrimidine Derivatives catalyzed by KF-Alumina. <i>Synthetic Communications</i> , 2008, 38, 1896-1908.	2.1	11
70	Mild and Efficient One-Pot Three-Component Synthesis of Benzopyrimidoquinoline-Tetraone Derivatives in Ionic Liquids. <i>Journal of Chemical Research</i> , 2012, 36, 453-456.	1.3	11
71	An Efficient Synthesis of Polycyclic Heterocycles Containing Pyrazolo[3,4-f]quinoline or Benzo[h]indazolo[6,7-b][1,6]naphthyridine Under Catalyst-Free Conditions. <i>Polycyclic Aromatic Compounds</i> , 2014, 34, 606-619.	2.6	11
72	An efficient synthesis of 16H-dibenzo[2,3:6,7][1,4]oxazepino[5,4-b]quinazolin-16-ones via an Ullmann reaction catalyzed by CuI. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1679-1685.	2.8	11

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73	Green Synthesis of 6-Aryl-5,6-dihydrobenzo[4,5]imidazo[1,2-c]quinazoline Derivatives in Ionic Liquid under Catalyst-free Conditions. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 166-172.	2.6	11
74	One-Pot Synthesis of Pyrano[2,3-D]Pyrimidine Derivatives in Ionic Liquid Medium. <i>Journal of Chemical Research</i> , 2006, 2006, 157-159.	1.3	10
75	Iodine-Catalyzed Synthesis of Cyclopenta[<i>c</i>]quinoline Derivatives via Imino Diels-Alder Reaction. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 830-834.	2.6	10
76	Copper(I) Iodide Catalyzed Synthesis of Fused Hexacyclic Pyrazolo[4,5,1-de]quinolino[4,3,2-mn]acridin-14(11H)-ones under Ligand-Free Conditions. <i>Synthesis</i> , 2015, 47, 562-568.	2.3	10
77	Copper-catalyzed synthesis of 1-amino-5-arylindazolo[3,2- <i>b</i>]quinazolin-7(5 H)-ones via a ring-opening reaction of 4-halogenated isatin. <i>Tetrahedron</i> , 2016, 72, 3844-3850.	1.9	10
78	Cooperative Silver- and Base-Catalyzed Diastereoselective Cycloaddition of Nitrones with Methylene Isocyanides: Access to 2-Imidazolinones. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3475-3479.	2.4	10
79	A Clean Synthesis of 1,4-Diarylquinoline Derivatives Catalyzed by TEBAC in Aqueous Media. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 1033-1039.	1.4	9
80	I_{2} -catalyzed reactions of schiff base and alkyl aldehyde towards benzo[<i>f</i>]quinoline derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1027-1031.	2.6	9
81	An efficient and highly selective method for the synthesis of cryptotackiene derivatives catalyzed by iodine. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 873-877.	2.6	9
82	A highly selective method for the synthesis of 1,3-diarylbenzo[<i>f</i>]quinoline derivatives catalyzed by silver triflate. <i>Monatshefte für Chemie</i> , 2012, 143, 935-938.	1.8	9
83	Copper-Catalyzed Synthesis of Dibenzo[<i>b,f</i>]imidazo[1,2- <i>d</i>][1,4]oxazepine Derivatives via a Double Ullmann Coupling Reaction. <i>Synthesis</i> , 2019, 51, 1662-1668.	2.3	9
84	CuBr-Catalyzed β -Arylation and Aerobic Oxidative Dehydrogenative C-N Coupling for the Synthesis of Spiro[cyclohexane-1,12-isoindolo[1,2- <i>b</i>]quinazolin]-10-one Derivatives. <i>Organic Letters</i> , 2020, 22, 2887-2891.	4.6	9
85	Synthesis of Sulfonylated Heterocycles via Copper-Catalyzed Heteroaromatization/Sulfonyl Transfer of Propargylic Alcohols. <i>Chemistry - an Asian Journal</i> , 2021, 16, 30-33.	3.3	9
86	Unexpected Spiro-benzoquinolines in the Reaction of <i>N</i> -(Arylidene)naphthalen-2-amine, Arylaldehyde, and 1,3-Dimethylbarbituric Acid in Water. <i>Chemistry Letters</i> , 2007, 36, 450-451.	1.3	8
87	An Efficient Synthesis of Pyrazolo[3,4- <i>b</i>]pyridine Derivatives in Aqueous Media. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 1341-1345.	1.4	8
88	Michael-Addition Reaction of Malononitrile with α,β -Unsaturated Cycloketones Catalyzed by $KF/Al_{2}O_{3}$. <i>Chinese Journal of Chemistry</i> , 2004, 22, 122-125.	4.9	8
89	Efficient and Green Method for the Synthesis of Highly Substituted Cyclohexadiene Derivatives in Aqueous Media. <i>Synthetic Communications</i> , 2010, 40, 1065-1073.	2.1	8
90	Green Method for the Synthesis of Polysubstituted Chromene Derivatives in Ionic Liquids. <i>Synthetic Communications</i> , 2012, 42, 599-607.	2.1	8

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91	Domino synthesis of fused pyrazolo[5,1-b]quinazolin-9(1H)-ones catalyzed by CuI via subsequent Michael addition and elimination. <i>Tetrahedron</i> , 2015, 71, 8732-8737.	1.9	8
92	A Green Synthesis of Fused Polycyclic 5H-Chromeno[3,2-c]quinoline-6,8(7H,9H)-dione Derivatives Catalyzed by TsOH in Ionic Liquids. <i>Polycyclic Aromatic Compounds</i> , 2016, 36, 758-772.	2.6	8
93	One-Pot Three-Component Synthesis of 6H-chromeno[4,3-b] or Cyclopenta[b]furo[3,2-a]quinoline Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2929-2934.	2.6	8
94	Dioxane-involving reaction for the synthesis of 3-aryl-1-(2-(vinylloxy)ethoxy)isoquinolines catalyzed by AgOTf. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6070-6076.	2.8	8
95	Modular synthesis of 3-substituted isocoumarins via silver-catalyzed aerobic oxidation/6-endo heterocyclization of ortho-alkynylbenzaldehydes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6657-6664.	2.8	8
96	Unexpected Ring-Opening of a 2-Pyrone Ring in the Synthesis of 3-[(Z)-1-Hydroxy-3-Oxobut-1-Enyl]-2H-chromen-2-One Derivatives Catalysed by Kf-Alumina. <i>Journal of Chemical Research</i> , 2006, 2006, 602-604.	1.3	7
97	Yb(OTf) ₃ : An Efficient Catalyst for the Synthesis of 11-Aryl-7-cyclopenta[4,7]phenanthroline-10(11H)-one Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 1439-1442.	2.6	7
98	Iodine-catalyzed synthesis of pyrazolo[4,3-f]quinoline derivatives via a highly regio-selective Povarov reaction. <i>Research on Chemical Intermediates</i> , 2013, 39, 1781-1787.	2.7	7
99	A Green Synthesis of Pyrrolo[1,2-a]quinazolin-5(1H)-one Derivatives in Ionic Liquids Catalyzed by Iodine. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1472-1475.	2.6	7
100	Three-Component One-Pot Synthesis of Indolo[3,4-a]acridine Derivatives with High Regioselectivity under Catalyst-Free Conditions. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, E349.	2.6	7
101	An Efficient Synthesis of Pyrrolo[1,2-a] or Pyrrolo[1,2-a]benzo[4,5]imidazo[1,2-c]quinazoline Derivatives in Ionic Liquids Catalyzed by Iodine. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3440-3446.	2.6	7
102	Study on the iodine-catalyzed reaction of 3-aminopyrazine-2-carbohydrazide and 2-(arylethynyl)benzaldehydes. <i>Tetrahedron</i> , 2018, 74, 1468-1475.	1.9	7
103	One-pot synthesis of 2,3-diphenyl-6,7-dihydroimidazo[1,2-f]phenanthridin-8(5H)-ones catalyzed by CuI/l-proline. <i>Monatshfte für Chemie</i> , 2018, 149, 569-576.	1.8	7
104	Synthesis of Structurally Diversified Benzo[c]chromene Derivatives under (An)aerobic Conditions Catalyzed by CuI. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2822-2830.	2.6	7
105	Silver Triflate Catalyzed Synthesis of Isoquinolino[2,1-a]quinazolin-3(2-c)quinazoline Derivatives via Alkyne Hydroamination. <i>Synthesis</i> , 2019, 51, 3101-3108.	2.3	7
106	CuI catalyzed synthesis of Dibenzo[b,f]imidazo[1,2-d][1,4]thiazepines via C-N and C-S bond Ullmann cross-coupling reaction. <i>Tetrahedron</i> , 2020, 76, 130915.	1.9	7
107	Silver-Catalyzed [3+1+1] Annulation of Nitrones with Isocynoacetates as an Approach to 1,4,5-Trisubstituted Imidazoles. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 964-968.	2.4	7
108	An efficient synthesis of diimidazo[1,2-a:1â€²,2â€²-c]quinazolines via a copper-catalyzed double Ullmann cross-coupling reaction. <i>Tetrahedron</i> , 2021, 81, 131918.	1.9	7

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111	A new synthesis method for benzo[<i>f</i>]quinolin-3-carbonyl urea and thiourea derivatives in aqueous media catalyzed by TEAC. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 441-447.	2.6	6
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116	Green Synthesis of Fused Polycyclic Pyrazolo[3,4- <i>b</i>][1,6]naphthyridine Derivatives in Ionic Liquids via Three-Component Reaction. <i>Polycyclic Aromatic Compounds</i> , 2016, 36, 478-489.	2.6	6
117	Catalyst-Free Synthesis of 5-arylimidazo[1,2- <i>c</i>]quinazoline Derivatives in Ionic Liquids. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 509-516.	2.6	6
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119	Synthesis of Substituted 4- <i>H</i> -thiochromen-4-imines via Copper-Catalyzed Cyclization Cascades of <i>o</i> -Bromobenzothioamides with Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2018, 83, 9504-9509.	3.2	6
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125	Green synthesis of polysubstituted quinoline and benzoquinoline derivatives in ionic liquid via a three-component reaction. <i>Research on Chemical Intermediates</i> , 2015, 41, 7393-7403.	2.7	5
126	Green Synthesis of Spiro[indolin-3,4- <i>a</i>]pyrazolo[3,4- <i>b</i>][1,6]naphthyridine-2,5- <i>dione</i> (1- <i>H</i>)- <i>dione</i> Catalyzed by TsOH in Ionic Liquids. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1578-1583.	2.6	5

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130	A rearrangement of saccharin-derived cyclic ketimines with 3-chlorooxindoles leading to spiro-1,3-benzothiazine oxindoles. <i>Chemical Communications</i> , 2021, 57, 11322-11325.	4.1	5
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132	A Green Synthesis of Pyrido[1,2-a]quinazoline-1,6-dione Derivatives in Ionic Liquid Catalyzed by Iodine. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, E314.	2.6	4
133	A Convenient Synthesis of Spiro[isoxazole-pyrazoloquinoline] Derivatives under Catalyst-Free Conditions. <i>Synthesis</i> , 2015, 48, 65-72.	2.3	4
134	Convenient synthesis of naphtho[1,6] naphthyridine derivatives under catalyst-free conditions. <i>Research on Chemical Intermediates</i> , 2015, 41, 1703-1714.	2.7	4
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136	Copper-catalyzed Ullmann reaction for the synthesis of fused hexacyclic heterocycles containing naphthyridine, acridine, and pyrazole (imidazole) moieties. <i>Monatshefte für Chemie</i> , 2016, 147, 1233-1242.	1.8	4
137	Copper(I)-catalyzed synthesis of thienopyrazoloquinazolinone derivatives under ligand-free conditions. <i>Research on Chemical Intermediates</i> , 2016, 42, 6769-6776.	2.7	4
138	Formation of Csp ² -N bond under metal-catalyst-free conditions for the synthesis of pyridopyrazoloquinazoline derivatives. <i>Monatshefte für Chemie</i> , 2016, 147, 775-782.	1.8	4
139	One-Pot Ullmann C–N Coupling Cyclization Toward Domino Synthesis of Fused Hexacyclic Quinolinotriazoloacridinones Catalyzed by CuI/L-Proline. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 986-992.	2.6	4
140	Copper(I)-catalyzed β -arylation of carbonyl cascade reaction leading to benzo[4,5]imidazo[1,2-f]phenanthridin-4(1H)-one derivatives. <i>Research on Chemical Intermediates</i> , 2017, 43, 5995-6006.	2.7	4
141	An efficient synthesis of quinazoline or pyrrolo[1,2-a]quinazolin-5(1H)-one derivatives in ionic liquids catalyzed by iodine. <i>Research on Chemical Intermediates</i> , 2017, 43, 6787-6801.	2.7	4
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146	A Convenient Synthesis of 2-Amino-3-Cyano-4-Aryl-9,10-Dihydrobenzo[<i>f</i>] Chromene Derivatives Catalysed by KF/Al ₂ O ₃ . <i>Journal of Chemical Research</i> , 2004, 2004, 679-680.	1.3	3
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148	Synthesis and Crystal Structures of 3,3,6,6-tetramethyl-9-(2,4-dichlorophenyl)-3,4,6,7,9,10-hexahydro-2H,5H-acridine-1,8-dione and 3,3,6,6-tetramethyl-9,10-di(4-methoxyphenyl)-3,4,6,7,9,10-hexahydro-2H,5H-acridine-1,8-dione. <i>Journal of Chemical Crystallography</i> , 2007, 37, 483-487.	1.1	3
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154	An Efficient Method for the Synthesis of 3-Aryl-4,7-Phenanthroline Derivatives Catalyzed by Iodine. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 1239-1242.	2.6	3
155	Iodine-catalyzed Povarov reaction for synthesis of cyclobuta[<i>c</i>]quinoline derivatives. <i>Research on Chemical Intermediates</i> , 2014, 40, 1103-1113.	2.7	3
156	Green synthesis of naphthyridine derivatives in ionic liquid via three-component reaction. <i>Research on Chemical Intermediates</i> , 2015, 41, 3873-3884.	2.7	3
157	Synthesis of spiro[pyrazole-4,8'-pyrazolo [3,4- <i>f</i>]quinolin]-5(1H)-ones by the reaction of aldehydes with 1H-indazol-6-amine and 1H-pyrazol-5(4H)-one. <i>Heterocyclic Communications</i> , 2016, 22, .	1.2	3
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170	A Convenient Synthesis of Pyridophenanthroline Derivatives under Catalyst Free Conditions. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 373-379.	2.6	2
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173	One-Pot Four-Component Synthesis of 5,10-Diarylpyrido[4,3- <i>b</i>][1,6]Naphthyridine Derivatives in Ionic Liquids Catalyzed by TsOH. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 236-243.	2.6	2
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182	An efficient synthesis of 11-aryl-10-oxo-7,8,10,11-tetrahydro-1H-[1,2,3]triazolo [4,5-b]benzo[1,2-b][1,6]naphthyridine derivatives under catalyst-free conditions. <i>Heterocyclic Communications</i> , 2015, 21, 377-380.	1.2	1
183	Iodine-Catalyzed Synthesis of Fused Polycyclic Heterocycles Containing Pyrazoloquinoline via Povarov Reaction. <i>Polycyclic Aromatic Compounds</i> , 2016, 36, 275-283.	2.6	1
184	Green Synthesis of Benzo or Cyclopenta[1,7]phenanthroline Derivatives in EtOH under Catalyst-free Conditions. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 248-254.	2.6	1
185	Synthesis of Pyridophenanthrolines via a Three-Component Reaction Involving 1,10-Phenanthroline and an Amine. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2266-2271.	2.6	1
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