

Sougata Santra

List of Publications by Year in descending order

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papers

3,007
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257450

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#	ARTICLE	IF	CITATIONS
1	Ionic liquid-assisted synthesis of 2-amino-3-cyano-4H-chromenes: A sustainable overview. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 633-654.	2.6	14
2	Mechanochemical synthesis of coumarins via Pechmann condensation under solvent-free conditions: an easy access to coumarins and annulated pyrano[2,3-f] and [3,2-f]indoles. <i>Green Chemistry</i> , 2022, 24, 2429-2437.	9.0	14
3	Recent Advances in the Synthesis of Coumarin and Its Derivatives by Using Aryl Propiolates. <i>ChemistrySelect</i> , 2022, 7, .	1.5	6
4	Synthetic approaches to 1,2,4-triazolo[5,1-c][1,2,4]triazin-7-ones as basic heterocyclic structures of the antiviral drug Riamilovir (Triazavirin) active against SARS-CoV-2 (COVID-19). <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1828-1837.	2.8	6
5	2,7-Diazapyrenes: a brief review on synthetic strategies and application opportunities. <i>RSC Advances</i> , 2022, 12, 9323-9341.	3.6	3
6	Direct C-H Functionalization of Calix[n](het)arenes (n=4,6): A Brief Update. <i>ChemistrySelect</i> , 2022, 7, .	1.5	2
7	Super Base Derived Ionic Liquids: A Useful Tool in Organic Synthesis. <i>Current Organic Chemistry</i> , 2022, 26, 1237-1263.	1.6	2
8	Iodine-TBHP mediated efficient synthesis of α -ketoamides from vinyl azides and amines under mild conditions. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 3907-3912.	2.8	20
9	Direct Asymmetric Addition of Heteroatom Nucleophiles to Imines. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2092-2112.	4.3	5
10	Mechanochemically Induced Cross Dehydrogenative Coupling Reactions under Ball Milling. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2462-2478.	4.3	8
11	Recent Advancements in Development of Radical Silylation Reactions. <i>Current Organic Chemistry</i> , 2022, 26, 920-960.	1.6	5
12	Visible-Light-Mediated Synthesis of 1-Oxa-4-aza-spiro Oxazolines by Spiroannulation of Quinones with Vinyl Azides. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	3
13	Highly-luminescent DTTA-appended lanthanide complexes of 4-(multi)fluoroaryl-2,2'-bipyridines: Synthesis and photophysical studies. <i>Polyhedron</i> , 2021, 195, 114962.	2.2	4
14	Computer vision vs. spectrofluorometer-assisted detection of common nitro-explosive components with bola-type PAH-based chemosensors. <i>RSC Advances</i> , 2021, 11, 25850-25857.	3.6	5
15	An expedient solvent-free C-benylation of 4-hydroxycoumarin with styrenes. <i>Mendeleev Communications</i> , 2021, 31, 123-124.	1.6	3
16	Asymmetrically substituted 5,5'-diaryl-2,2',6,6'-terpyridines as efficient fluorescence turn-on probes for Zn ²⁺ in food/cosmetic samples and human urine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 408, 113101.	3.9	5
17	Synthesis of Novel 3-(Pyridin-4-yl)-1,2,4-Triazines, their Analogs and Study of the Activity Against Vaccinia Virus. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 462-466.	1.2	4
18	Mechanochemical Synthesis and Antimicrobial Studies of 4-Hydroxy-3-thiomethylcoumarins Using Imidazolium Zwitterionic Molten Salt as an Organocatalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5557-5569.	6.7	29

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19	Mild, Efficient and Metal-Free Strategies for Direct Diamination of α, β -Unsaturated Ketones Using Different Iodine Sources. <i>ChemistrySelect</i> , 2021, 6, 4684-4688.	1.5	7
20	5-Aryl-6-arylthio-2,2'-bipyridine and 6-Arylthio-2,5-diarylpyridine Fluorophores: Pot, Atom, Step Economic (PASE) Synthesis and Photophysical Studies. <i>Journal of Fluorescence</i> , 2021, 31, 1099-1111.	2.5	6
21	Metal-Free, PhI(OAc) ₂ -Promoted Oxidative C(sp ²) ² H Difunctionalization: Synthesis of Thioaminated Naphthoquinones. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5300-5309.	4.3	25
22	Synthetic approaches and supramolecular properties of 2,2'-n ² ,m ³ -terpyridine domains (n ⁻ =3,4,5,6; m ⁻ =2,3,4) based on the 2,2'-bipyridine core as ligands with k ₂ N-bidentate coordination mode. <i>Coordination Chemistry Reviews</i> , 2021, 442, 213980.	18.8	9
23	A practicable synthesis of 2,3-disubstituted 1,4-dioxanes bearing a carbonyl functionality from α, β -unsaturated ketones using the Williamson strategy. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1278-1286.	2.8	6
24	Ball milling: an efficient and green approach for asymmetric organic syntheses. <i>Green Chemistry</i> , 2020, 22, 302-315.	9.0	135
25	A new tandem synthesis of bis(α, β -dialkoxy carbonyl) compounds by oxidative cleavage of aziridines under metal-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 551-556.	2.8	5
26	Diverse synthesis of pyrano[3,2-c]coumarins: a brief update. <i>New Journal of Chemistry</i> , 2020, 44, 18980-18993.	2.8	23
27	Rational synthetic methods in creating promising (hetero)aromatic molecules and materials. <i>Mendeleev Communications</i> , 2020, 30, 537-554.	1.6	17
28	Metal and solvent free direct C3-alkylation of 4-hydroxycoumarins with styrene. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
29	Ionic liquid catalyzed simple and green synthesis of benzothiazole under neat condition. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
30	Zwitterionic molten salt: An efficient organocatalyst for the one-pot synthesis of propargylamines. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	2
31	An efficient method for the synthesis of dihydropyrimidines using Brønsted acidic ionic liquid: A solvent and heating free reaction. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
32	Neutral Lanthanide Complexes of 3-Aryl-6-(quinolin-2-yl)picolinic Acids: Synthesis and Photophysical Studies. <i>ChemistrySelect</i> , 2020, 5, 9210-9213.	1.5	2
33	Green synthetic approaches for practically relevant (hetero)macrocycles: An overview. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
34	An expedient synthesis of 5-alkynyl-6-aryl-2,2'-bipyridines. <i>Mendeleev Communications</i> , 2020, 30, 610-611.	1.6	6
35	Synthesis and Luminescent Properties of Functionalized Bipyridyl Based Eu Complexes. <i>ChemistrySelect</i> , 2020, 5, 9180-9183.	1.5	2
36	A Lewis acid promoted reduction of aromatic nitro to amine compounds. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0

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37	Synthesis of 2-imidazolines by co-grinding of N-tosylaziridines and nitriles. <i>Mendeleev Communications</i> , 2020, 30, 188-189.	1.6	3
38	Water-soluble luminescent lanthanide complexes based on C6-DTTA-appended 5-aryl-2,2'-bipyridines. <i>Polyhedron</i> , 2020, 181, 114473.	2.2	8
39	Direct Asymmetric Arylation of Imines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4293-4324.	4.3	24
40	Nano indium oxide-catalyzed domino reaction for the synthesis of N-alkoxylated benzimidazoles. <i>Tetrahedron Letters</i> , 2020, 61, 152177.	1.4	8
41	Brønsted acidic ionic liquid-catalyzed tandem trimerization of indoles: An efficient approach towards the synthesis of indole 3,3'-trimers under solvent-free conditions. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1863-1874.	2.6	14
42	Direct Introduction of a Methyl Group at the C5-Position of 1,2,4-Triazines: Convenient Synthesis of 6-Functionalized 5-Aryl-2,2'-bipyridines. <i>ChemistrySelect</i> , 2020, 5, 2753-2755.	1.5	7
43	Self-Catalyzed Rapid Synthesis of <i>N</i> -Acylated/ <i>N</i> -Formylated α -Aminoketones and <i>N</i> -Hydroxymethylated Formamides from 3-Aryl-2-H-Azirines and 2-Me/Ph-3-Aryl-2-H-Azirines. <i>Organic Letters</i> , 2020, 22, 3926-3930.	4.6	18
44	CuO Nanoparticles as a Simple and Efficient Green Catalyst for the Aziridine Ring-Opening: Examination of a Broad Range of Nucleophiles. <i>ChemistrySelect</i> , 2020, 5, 4525-4529.	1.5	2
45	Brønsted acidic ionic liquid promoted synthesis of amidoalkyl naphthols under solvent-free conditions. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
46	Brønsted acidic ionic liquid-catalyzed one-pot synthesis of 4(3H)-quinazolinones under solvent-free conditions. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
47	"Green" solvent-economic synthesis of 5,11,17,23,29,35,41,47-octa-tert-butyl-49,50,51,52,53,54,55,56-octa-oxycalix[8]arene. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
48	Brønsted acidic ionic liquid: An efficient and reusable catalyst for the synthesis of dicoumarol. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
49	Facile synthesis of substituted quinolines by iron(III)-catalyzed cascade reaction between anilines, aldehydes and nitroalkanes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7907-7917.	2.8	14
50	Visible-Light-Induced Regioselective C(sp ³)-H Acyloxylation of Aryl-2-H-azirines with (Diacetoxy)iodobenzene. <i>Journal of Organic Chemistry</i> , 2019, 84, 11735-11740.	3.2	37
51	A PASE-based approach towards 12-(1H-1,2,3-triazol-1-yl)-indolo[2,1-a]isoquinolines via the reaction of 3-(isoquinolin-1-yl)-1,2,4-triazines with benzyne. <i>Mendeleev Communications</i> , 2019, 29, 369-371.	1.6	11
52	Iron(III)-catalyzed synthesis of selenoesters from α -amino carbonyl derivatives at room temperature. <i>Tetrahedron</i> , 2019, 75, 130624.	1.9	15
53	Synthesis of 2-phenyl-2-(5-phenyl-2,2'-bipyridin-6-yl)-acetonitrile by α -1,2,4-triazine-method with using autoclave. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	8
54	2-Azaanthracenes: a chronology of synthetic approaches and bright prospects for practical applications. <i>New Journal of Chemistry</i> , 2019, 43, 11382-11390.	2.8	6

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55	Highly Luminescent DTTA-Appended Water-Soluble Lanthanide Complexes of 4-(Het)aryl-2,2'-bipyridines: Synthesis and Photophysical Properties. <i>ChemistrySelect</i> , 2019, 4, 6377-6381.	1.5	9
56	Preparation of monoethanolamine and 5-phenyl-2,2'-bipyridine derivatives and their subsequent tosylation reactions. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
57	Preparation of ligands for lanthanide cations based on 5-aryl-2,2'-bipyridine-6'-carboxylic acids with an extended conjugation system. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
58	Vinylation of Carbonyl Oxygen in 4-Hydroxycoumarin: Synthesis of Heteroarylated Vinyl Ethers. <i>Synthesis</i> , 2019, 51, 2371-2378.	2.3	18
59	Synthesis and optical properties of new 2-(5-arylpyridine-2-yl)-6-(het)arylquinoline-based 'push-pull' fluorophores. <i>Dyes and Pigments</i> , 2019, 167, 151-156.	3.7	14
60	Synthesis of pyrazinamide analogues. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
61	Recent Advances on Diverse Decarboxylative Reactions of Amino Acids. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2161-2214.	4.3	67
62	Metal-Free Amidation Reactions of Terminal Alkynes with Benzenesulfonamide. <i>Journal of Organic Chemistry</i> , 2019, 84, 3176-3183.	3.2	19
63	An Updated Library on the Synthesis of Aziridines. <i>Current Green Chemistry</i> , 2019, 6, 226-241.	1.1	12
64	Synthesis and photophysical studies of new organic-soluble lanthanide complexes of 4-(4-alkoxyphenyl)-2,2'-bipyridine-6-carboxylic acids. <i>Journal of Molecular Structure</i> , 2019, 1176, 583-590.	3.6	9
65	Use of allylzinc halide as a source of halide: Differential addition of nucleophiles to Ts-aziridines and aldehydes under similar reaction conditions. <i>Tetrahedron Letters</i> , 2019, 60, 276-283.	1.4	13
66	Synthesis and photophysics of new unsymmetrically substituted 5,5'-diaryl-2,2'-bipyridine-based 'push-pull' fluorophores. <i>Dyes and Pigments</i> , 2019, 162, 324-330.	3.7	11
67	Scope and Limitations of Leuckart-Wallach-Type Reductive Amination: Chemoselective Synthesis of Tertiary Amines from Aldehydes under Neat Conditions. <i>ChemistrySelect</i> , 2018, 3, 4058-4066.	1.5	9
68	Studies on the interactions of 5-R-3-(2-pyridyl)-1,2,4-triazines with arynes: inverse demand aza-Diels-Alder reaction versus aryne-mediated domino process. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5119-5135.	2.8	43
69	Pot, Atom, Step Economic (PASE) Approach towards (<i>Aza</i>)-2,2'-Bipyridines: Synthesis and Photophysical Studies. <i>ChemistrySelect</i> , 2018, 3, 340-347.	1.5	9
70	6-Arylamino-2,2'-bipyridine 'Push-Pull' Fluorophores: Solvent-Free Synthesis and Photophysical Studies. <i>ChemistrySelect</i> , 2018, 3, 4141-4146.	1.5	22
71	Synthesis and luminescence of new water-soluble lanthanide complexes of DTTA-containing 4-(4-methoxyphenyl)-2,2'-bipyridine. <i>Inorganica Chimica Acta</i> , 2018, 478, 49-53.	2.4	10
72	An Efficient Cyanide-Free Approach towards 1-(2-Pyridyl)isoquinoline-3-carbonitriles via the Reaction of 5-Phenacyl-1,2,4-triazines with 1,2-Dehydrobenzene in the Presence of Alkyl Nitrites. <i>Synlett</i> , 2018, 29, 483-488.	1.8	8

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73	1-Hydroxypyrene-based micelle-forming sensors for the visual detection of RDX/TNG/PETN-based bomb plots in water. <i>New Journal of Chemistry</i> , 2018, 42, 19864-19871.	2.8	17
74	An Efficient Synthesis of Oxazolidines by Tandem Ring-Opening / Closing Reaction of Ts-Aziridine Using Formic Acid. <i>ChemistrySelect</i> , 2018, 3, 10509-10514.	1.5	10
75	Mild, Efficient, and Metal-Free Radical 1,2-Dithiocyanation of Alkynes and Alkenes at Room Temperature. <i>ACS Omega</i> , 2018, 3, 13081-13088.	3.5	20
76	Imidazolium Zwitterionic Molten Salt: An Efficient Organocatalyst under Neat Conditions at Room Temperature for the Synthesis of Dipyrromethanes as well as Bis(indolyl)methanes. <i>ChemistrySelect</i> , 2018, 3, 5843-5847.	1.5	20
77	Mono- and Polyazatriphenylene-Based Ligands: An Updated Library of Synthetic Strategies (2001-2018). <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4351-4375.	2.4	9
78	A PASE Approach towards (Adamantyl)-, Alkyl- and (Het)Aryl-Substituted [1,2,4]triazolo[1,5-d][1,2,4]triazines: A Sequence of Two Solvent-Free Reactions Bearing Lower E-Factors. <i>ChemistrySelect</i> , 2018, 3, 8202-8206.	1.5	10
79	A Domino Approach for the Synthesis of α,β -Epoxy Ketones from Carbonyl Compounds under Neat Conditions at Ambient Temperature. <i>ChemistrySelect</i> , 2018, 3, 7596-7601.	1.5	4
80	Synthesis of diverse α -(nitrooxy)-substituted amines by regioselective ring-opening of aziridines under neat conditions. <i>Synthetic Communications</i> , 2018, 48, 1857-1866.	2.1	8
81	Solvent-free synthesis of 5-(aryl/alkyl)amino-1,2,4-triazines and α -arylamino-2,2'-bipyridines with greener prospects. <i>RSC Advances</i> , 2017, 7, 9610-9619.	3.6	39
82	Extended cavity pyrene-based iptycenes for the turn-off fluorescence detection of RDX and common nitroaromatic explosives. <i>New Journal of Chemistry</i> , 2017, 41, 2309-2320.	2.8	29
83	A Mild and Efficient Method for the Syntheses and Regioselective Ring-Opening of Aziridines. <i>SynOpen</i> , 2017, 01, 0015-0023.	1.7	10
84	Brønsted acidic ionic liquid-catalyzed tandem reaction: an efficient approach towards regioselective synthesis of pyrano[3,2-c]coumarins under solvent-free conditions bearing lower E-factors. <i>Green Chemistry</i> , 2017, 19, 3282-3295.	9.0	67
85	Unsymmetrically functionalized 5,5'-diaryl- and 5,6,5'-triaryl-2,2':6''-2,2'-terpyridines: an efficient synthetic route and photophysical properties. <i>Canadian Journal of Chemistry</i> , 2017, 95, 851-857.	1.1	7
86	Copper nanoparticles as inexpensive and efficient catalyst: A valuable contribution in organic synthesis. <i>Coordination Chemistry Reviews</i> , 2017, 353, 1-57.	18.8	136
87	The Remarkable Cooperative Effect of a Brønsted Acidic Ionic Liquid in the Cyclization of 2-Aminobenzamides with Ketones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4955-4962.	2.4	19
88	A Domino Approach for the Synthesis of α,β -Epoxydicarbonyl Compounds from α,β -Epoxy-carbonyls. <i>ChemistrySelect</i> , 2017, 2, 6254-6259.	1.5	7
89	Fluorescent Detection of 2,4-DNT and 2,4,6-TNT in Aqueous Media by Using Simple Water-Soluble Pyrene Derivatives. <i>Chemistry - an Asian Journal</i> , 2016, 11, 775-781.	3.3	44
90	FeCl ₃ -Catalyzed Cross-Dehydrogenative Coupling between Imidazoheterocycles and Oxoaldehydes. <i>Journal of Organic Chemistry</i> , 2016, 81, 10088-10093.	3.2	65

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91	A one-pot approach to 10-(1 H -1,2,3-triazol-1-yl)pyrimido[1,2- a]indoles via aryne-mediated transformations of 3-(pyrimidin-2-yl)-1,2,4-triazines. <i>Tetrahedron Letters</i> , 2016, 57, 3862-3865.	1.4	22
92	3-Cyano-2-azaanthracene-based π -push-pull π -fluorophores: A one-step preparation from 5-cyano-1,2,4-triazines and 2,3-dehydronaphthalene, generated in situ. <i>Tetrahedron Letters</i> , 2016, 57, 5639-5643.	1.4	24
93	<i>N,N</i> -Dimethylformamide as a Methylenating Reagent: Synthesis of Heterodiarylmethanes via Copper-Catalyzed Coupling between Imidazo[1,2- <i>a</i>]pyridines and Indoles/ <i>N,N</i> -Dimethylaniline. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3633-3641.	4.3	46
94	A decade update on solvent and catalyst-free neat organic reactions: a step forward towards sustainability. <i>Green Chemistry</i> , 2016, 18, 4475-4525.	9.0	185
95	Conversion of aziridines to oxazolidines through geminal difunctionalization of vinyl arenes or by tandem ring-opening/closing reaction of aziridine itself. <i>Tetrahedron Letters</i> , 2016, 57, 3551-3555.	1.4	22
96	Zwitterionic Imidazolium Salt: Recent Advances in Organocatalysis. <i>Synthesis</i> , 2016, 48, 1269-1285.	2.3	26
97	Organocatalysis by an aprotic imidazolium zwitterion: regioselective ring-opening of aziridines and applicable to gram scale synthesis. <i>Green Chemistry</i> , 2016, 18, 565-574.	9.0	58
98	Diversified Synthesis of Furans by Coupling between Enols/1,3-Dicarbonyl Compounds and Nitroolefins: Direct Access to Dioxo[5]helicenes. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2525-2536.	3.3	35
99	Combination of $\text{NH}_2\text{OH}\cdot\text{HCl}$ and NaIO_4 : an effective reagent for molecular iodine-free regioselective 1,2-difunctionalization of olefins and easy access of terminal acetals. <i>RSC Advances</i> , 2015, 5, 56780-56788.	3.6	18
100	Ligand-free reusable nano copper oxide-catalyzed synthesis of 3-amino-1,4-diyne. <i>RSC Advances</i> , 2015, 5, 91326-91329.	3.6	12
101	Synthesis of imidazo[1,2- <i>a</i>]pyridines: a decade update. <i>Chemical Communications</i> , 2015, 51, 1555-1575.	4.1	524
102	Microwave-Assisted Three-Component π -Catalyst and Solvent-Free π -Green Protocol: A Highly Efficient and Clean One-Pot Synthesis of Tetrahydrobenzo[<i>b</i>]pyrans. <i>Organic Chemistry International</i> , 2014, 2014, 1-8.	1.0	15
103	Nano-indium oxide: An efficient catalyst for one-pot synthesis of 2,3-dihydroquinazolin-4(1H)-ones with a greener prospect. <i>Catalysis Communications</i> , 2014, 49, 52-57.	3.3	56
104	Iron(III)-catalyzed three-component domino strategy for the synthesis of imidazo[1,2- <i>a</i>]pyridines. <i>Tetrahedron Letters</i> , 2014, 55, 5151-5155.	1.4	51
105	Synthesis of polysubstituted quinolines via copper(ii)-catalyzed annulation of 2-aminoaryl ketones with alkynoates. <i>RSC Advances</i> , 2013, 3, 24034.	3.6	20
106	Metal nanoparticles in π -on-water π -organic synthesis: one-pot nano CuO catalyzed synthesis of isoindolo[2,1- <i>a</i>]quinazolines. <i>RSC Advances</i> , 2013, 3, 24931.	3.6	35
107	Iron(III)-Catalyzed Cascade Reaction between Nitroolefins and 2-Aminopyridines: Synthesis of Imidazo[1,2- <i>a</i>]pyridines and Easy Access towards Zolimidine. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1065-1070.	4.3	161
108	Copper-Catalyzed Synthesis of Imidazo[1,2- <i>a</i>]pyridines through Tandem Imine Formation π Oxidative Cyclization under Ambient Air: One-Step Synthesis of Zolimidine on a Gram-Scale. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1741-1747.	4.3	220

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109	One-pot multicomponent synthesis of polyhydroquinolines under catalyst and solvent-free conditions. <i>Green Chemistry Letters and Reviews</i> , 2012, 5, 97-100.	4.7	20
110	Nano indium oxide: an efficient catalyst for the synthesis of 1,2-disubstituted benzimidazoles in aqueous media. <i>Tetrahedron Letters</i> , 2012, 53, 1974-1977.	1.4	57
111	Combination of $\text{NH}_2\text{OH}\cdot\text{HCl}$ and NaIO_4 : a new and mild oxidizing agent for selective oxidation of alcohols to carbonyl compounds. <i>Tetrahedron Letters</i> , 2012, 53, 4433-4435.	1.4	19
112	Task-specific ionic liquid-catalyzed efficient couplings of indoles with 1,3-dicarbonyl compounds: an efficient synthesis of 3-alkenylated indoles. <i>Tetrahedron Letters</i> , 2011, 52, 3825-3827.	1.4	26