

# Brindaban C Ranu

## List of Publications by Year in descending order

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188  
papers

9,817  
citations

24978

57  
h-index

46693

89  
g-index

230  
all docs

230  
docs citations

230  
times ranked

7637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic Liquid as Catalyst and Reaction Medium. The Dramatic Influence of a Task-Specific Ionic Liquid, [bmIm]OH, in Michael Addition of Active Methylene Compounds to Conjugated Ketones, Carboxylic Esters, and Nitriles. <i>Organic Letters</i> , 2005, 7, 3049-3052.	2.4	461
2	Indium(III) Chloride-Catalyzed One-Pot Synthesis of Dihydropyrimidinones by a Three-Component Coupling of 1,3-Dicarbonyl Compounds, Aldehydes, and Urea: An Improved Procedure for the Biginelli Reaction. <i>Journal of Organic Chemistry</i> , 2000, 65, 6270-6272.	1.7	451
3	General Procedure for the Synthesis of $\alpha$ -Amino Phosphonates from Aldehydes and Ketones Using Indium(III) Chloride as a Catalyst. <i>Organic Letters</i> , 1999, 1, 1141-1143.	2.4	283
4	Indium(III) Chloride-Promoted Rearrangement of Epoxides: A Selective Synthesis of Substituted Benzylic Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 1998, 63, 8212-8216.	1.7	214
5	Highly Chemoselective Reduction of Aromatic Nitro Compounds by Copper Nanoparticles/Ammonium Formate. <i>Journal of Organic Chemistry</i> , 2008, 73, 6867-6870.	1.7	200
6	Ionic Liquid as Catalyst and Reaction Medium – A Simple, Efficient and Green Procedure for Knoevenagel Condensation of Aliphatic and Aromatic Carbonyl Compounds Using a Task-Specific Basic Ionic Liquid. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3767-3770.	1.2	197
7	Copper Nanoparticle-Catalyzed Carbon-Carbon and Carbon-Heteroatom Bond Formation with a Greener Perspective. <i>ChemSusChem</i> , 2012, 5, 22-44.	3.6	175
8	An Improved Procedure for the Three-Component Synthesis of Highly Substituted Pyridines Using Ionic Liquid. <i>Journal of Organic Chemistry</i> , 2007, 72, 3152-3154.	1.7	173
9	Solvent-free one-pot synthesis of 1,2,3-triazole derivatives by the "Click" reaction of alkyl halides or aryl boronic acids, sodium azide and terminal alkynes over a Cu/Al <sub>2</sub> O <sub>3</sub> surface under ball-milling. <i>Green Chemistry</i> , 2013, 15, 389-397.	4.6	167
10	Indium(I) Iodide-Promoted Cleavage of Diaryl Diselenides and Disulfides and Subsequent Condensation with Alkyl or Acyl Halides. One-Pot Efficient Synthesis of Diorganyl Selenides, Sulfides, Selenoesters, and Thioesters. <i>Journal of Organic Chemistry</i> , 2004, 69, 5793-5795.	1.7	158
11	Catalysis by an ionic liquid: efficient conjugate addition of thiols to electron deficient alkenes catalyzed by molten tetrabutylammonium bromide under solvent-free conditions. <i>Tetrahedron</i> , 2003, 59, 2417-2421.	1.0	145
12	Significant rate acceleration of the aza-Michael reaction in water. <i>Tetrahedron Letters</i> , 2007, 48, 141-143.	0.7	140
13	Highly selective reduction of nitroarenes by iron(0) nanoparticles in water. <i>Chemical Communications</i> , 2012, 48, 7982.	2.2	139
14	Ball milling: an efficient and green approach for asymmetric organic syntheses. <i>Green Chemistry</i> , 2020, 22, 302-315.	4.6	135
15	Microwave-assisted simple synthesis of quinolines from anilines and alkyl vinyl ketones on the surface of silica gel in the presence of indium(III) chloride. <i>Tetrahedron Letters</i> , 2000, 41, 531-533.	0.7	134
16	Catalysis by ionic liquid: a simple, green and efficient procedure for the Michael addition of thiols and thiophosphate to conjugated alkenes in ionic liquid, [pmlm]Br. <i>Tetrahedron</i> , 2004, 60, 4183-4188.	1.0	120
17	Ionic liquid as catalyst and solvent: the remarkable effect of a basic ionic liquid, [bmIm]OH on Michael addition and alkylation of active methylene compounds. <i>Tetrahedron</i> , 2007, 63, 776-782.	1.0	119
18	Ionic Liquid as Reagent. A Green Procedure for the Regioselective Conversion of Epoxides to Vicinal-Halohydrins Using [AcMIm]X under Catalyst- and Solvent-Free Conditions. <i>Journal of Organic Chemistry</i> , 2005, 70, 4517-4519.	1.7	114

#	ARTICLE	IF	CITATIONS
19	Efficient microwave-assisted synthesis of quinolines and dihydroquinolines under solvent-free conditions. <i>Tetrahedron</i> , 2003, 59, 813-819.	1.0	110
20	Catalysis by Ionic Liquid. A Green Protocol for the Stereoselective Debromination of vicinal-Dibromides by [pmIm]BF <sub>4</sub> under Microwave Irradiation. <i>Journal of Organic Chemistry</i> , 2005, 70, 8621-8624.	1.7	109
21	Indium trichloride catalyzed one-step synthesis of $\alpha$ -amino nitriles by a three-component condensation of carbonyl compounds, amines and potassium cyanide. <i>Tetrahedron</i> , 2002, 58, 2529-2532.	1.0	108
22	Eco-friendly and versatile brominating reagent prepared from a liquid bromine precursor. <i>Green Chemistry</i> , 2006, 8, 916.	4.6	105
23	Remarkable influence of substituent in ionic liquid in control of reaction: simple, efficient and hazardous organic solvent free procedure for the synthesis of 2-aryl benzimidazoles promoted by ionic liquid, [pmim]BF <sub>4</sub> . <i>Green Chemistry</i> , 2009, 11, 733.	4.6	101
24	Aerobic ligand-free Suzuki coupling catalyzed by in situ-generated palladium nanoparticles in water. <i>Tetrahedron Letters</i> , 2009, 50, 1003-1006.	0.7	100
25	One-pot copper nanoparticle-catalyzed synthesis of S-aryl- and S-vinyl dithiocarbamates in water: high diastereoselectivity achieved for vinyl dithiocarbamates. <i>Green Chemistry</i> , 2008, 10, 1224.	4.6	98
26	An alternative method for the regio- and stereoselective bromination of alkenes, alkynes, toluene derivatives and ketones using a bromide/bromate couple. <i>Green Chemistry</i> , 2008, 10, 232-237.	4.6	96
27	A simple and green procedure for the synthesis of $\alpha$ -aminophosphonate by a one-pot three-component condensation of carbonyl compound, amine and diethyl phosphite without solvent and catalyst. <i>Green Chemistry</i> , 2002, 4, 551-554.	4.6	94
28	Visible Light Photocatalyzed Direct Conversion of Aryl-/Heteroaryl amines to Selenides at Room Temperature. <i>Organic Letters</i> , 2014, 16, 1814-1817.	2.4	93
29	Indium(I) Iodide-Mediated Cleavage of Diphenyl Diselenide. An Efficient One-Pot Procedure for the Synthesis of Unsymmetrical Diorganyl Selenides. <i>Organic Letters</i> , 2003, 5, 1439-1441.	2.4	92
30	An Efficient and Green Synthesis of 2-Arylbenzothiazoles in an Ionic Liquid, [pmIm]Br under Microwave Irradiation. <i>Chemistry Letters</i> , 2004, 33, 274-275.	0.7	91
31	Microwave-assisted reaction of aryl diazonium fluoroborate and diaryl dichalcogenides in dimethyl carbonate: a general procedure for the synthesis of unsymmetrical diaryl chalcogenides. <i>Green Chemistry</i> , 2012, 14, 2024.	4.6	86
32	Reaction under Ball-Milling: Solvent-, Ligand-, and Metal-Free Synthesis of Unsymmetrical Diaryl Chalcogenides. <i>Journal of Organic Chemistry</i> , 2013, 78, 11110-11114.	1.7	84
33	Copper nano-catalyst: sustainable phenyl-selenylation of aryl iodides and vinyl bromides in water under ligand free conditions. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1652.	1.5	82
34	Solvent-Controlled Halo-Selective Selenylation of Aryl Halides Catalyzed by Cu(II) Supported on Al <sub>2</sub> O <sub>3</sub> . A General Protocol for the Synthesis of Unsymmetrical Organo Mono- and Bis-Selenides. <i>Journal of Organic Chemistry</i> , 2013, 78, 7145-7153.	1.7	80
35	<i>tert</i> -Butyl Nitrite Mediated Regiospecific Nitration of <i>E</i> -Azoarenes through Palladium-Catalyzed Directed C-H Activation. <i>Chemistry - A European Journal</i> , 2014, 20, 9862-9866.	1.7	80
36	A Practical and Green Approach towards Synthesis of Dihydropyrimidinones without Any Solvent or Catalyst. <i>Organic Process Research and Development</i> , 2002, 6, 817-818.	1.3	79

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37	Shape-dependent catalytic activity of copper oxide-supported Pd(0) nanoparticles for Suzuki and cyanation reactions. <i>Tetrahedron Letters</i> , 2009, 50, 3164-3167.	0.7	79
38	Indium(I) Iodide Promoted Cleavage of Diphenyl Diselenide and Disulfide and Subsequent Palladium(0)-Catalyzed Condensation with Vinylic Bromides. A Simple One-Pot Synthesis of Vinylic Selenides and Sulfides. <i>Journal of Organic Chemistry</i> , 2006, 71, 423-425.	1.7	78
39	Palladium Nanoparticle-Catalyzed C-N Bond Formation. A Highly Regio- and Stereoselective Allylic Amination by Allyl Acetates. <i>Journal of Organic Chemistry</i> , 2009, 74, 3982-3985.	1.7	77
40	Solvent-Controlled Highly Selective Bis- and Monoallylation of Active Methylene Compounds by Allyl Acetate with Palladium(0) Nanoparticle. <i>Organic Letters</i> , 2007, 9, 4595-4598.	2.4	76
41	Transition metal-free procedure for the synthesis of S-aryl dithiocarbamates using aryl diazonium fluoroborate in water at room temperature. <i>Green Chemistry</i> , 2011, 13, 1837.	4.6	75
42	Surface-mediated solid phase reaction: Dramatic improvement of Michael reaction on the surface of alumina. <i>Tetrahedron</i> , 1992, 48, 1327-1332.	1.0	70
43	A Simple and Efficient Procedure for Transesterification Catalyzed by Indium Triiodide. <i>Journal of Organic Chemistry</i> , 1998, 63, 6027-6028.	1.7	70
44	Reduction of Azides with Zinc Borohydride. <i>Journal of Organic Chemistry</i> , 1994, 59, 4114-4116.	1.7	68
45	Hydrogenation of Azides over Copper Nanoparticle Surface Using Ammonium Formate in Water. <i>Journal of Organic Chemistry</i> , 2011, 76, 7235-7239.	1.7	68
46	A one-pot efficient and fast Hiyama coupling using palladium nanoparticles in water under fluoride-free conditions. <i>Tetrahedron Letters</i> , 2008, 49, 3430-3432.	0.7	67
47	Recent Advances on Diverse Decarboxylative Reactions of Amino Acids. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2161-2214.	2.1	67
48	Cu-Catalyzed Fe-Driven C <sub>sp</sub> -C <sub>sp</sub> and C <sub>sp</sub> -C <sub>sp<sup>2</sup></sub> Cross-Coupling: An Access to 1,3-Diynes and 1,3-Enynes. <i>Journal of Organic Chemistry</i> , 2014, 79, 7391-7398.	1.7	66
49	An efficient synthesis of pyrroles by a one-pot, three-component condensation of a carbonyl compound, an amine and a nitroalkene in a molten ammonium salt. <i>Tetrahedron Letters</i> , 2003, 44, 2865-2868.	0.7	65
50	DEALKYLATION OF ETHERS. A REVIEW. <i>Organic Preparations and Procedures International</i> , 1996, 28, 371-409.	0.6	64
51	Zinc tetrafluoroborate catalyzed Mannich-type reaction of aldimines and silyl enol ethers in aqueous medium. <i>Tetrahedron</i> , 2002, 58, 983-988.	1.0	64
52	Reduction of activated conjugated alkenes by the InCl <sub>3</sub> -NaBH <sub>4</sub> reagent system. <i>Tetrahedron</i> , 2003, 59, 7901-7906.	1.0	64
53	Remarkably Selective Reduction of the Î±,Î²-Carbon-Carbon Double Bond in Highly Activated Î±,Î²,Î³-Unsaturated Alkenes by the InCl <sub>3</sub> -NaBH <sub>4</sub> Reagent System. <i>Journal of Organic Chemistry</i> , 2003, 68, 7130-7132.	1.7	64
54	A general and green procedure for the synthesis of organochalcogenides by CuFe <sub>2</sub> O <sub>4</sub> nanoparticle catalysed coupling of organoboronic acids and dichalcogenides in PEG-400. <i>RSC Advances</i> , 2013, 3, 117-125.	1.7	64

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55	Synthesis of alkyl-substituted pyrroles by three-component coupling of carbonyl compound, amine and nitro-alkane/alkene on a solid surface of silica gel/alumina under microwave irradiation. <i>Tetrahedron</i> , 2001, 57, 4767-4773.	1.0	63
56	Magnetically Separable CuFe <sub>2</sub> O <sub>4</sub> Nanoparticles Catalyzed Ligand-Free C–S Coupling in Water: Access to <i>E</i> - and <i>Z</i> -Styrenyl, Heteroaryl and Sterically Hindered Aryl Sulfides. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2285-2296.	2.1	63
57	Visible-Light-Photocatalyzed Metal-Free C–H Heteroarylation of Heteroarenes at Room Temperature: A Sustainable Synthesis of Biheteroaryls. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1727-1734.	1.2	60
58	A Simple and Efficient One-Pot Synthesis of Substituted Benzo[ <i>b</i> ]furans by Sonogashira Coupling–5-endo-trig Cyclization Catalyzed by Palladium Nanoparticles in Water Under Ligand-Free and Copper-Free Aerobic Conditions. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6067-6071.	1.2	57
59	Stereoselective debromination of aryl-substituted vic-dibromide with indium metal. <i>Chemical Communications</i> , 1998, , 2113-2114.	2.2	55
60	Water-Promoted Highly Selective Anti-Markovnikov Addition of Thiols to Unactivated Alkenes. <i>Synlett</i> , 2007, 2007, 0925-0928.	1.0	55
61	Palladium(0) Nanoparticle Catalyzed Cross-Coupling of Allyl Acetates and Aryl and Vinyl Siloxanes. <i>Journal of Organic Chemistry</i> , 2008, 73, 9461-9464.	1.7	55
62	Copper-Assisted Nickel Catalyzed Ligand-Free C(sp <sup>2</sup> )–O Cross-Coupling of Vinyl Halides and Phenols. <i>Organic Letters</i> , 2014, 16, 1040-1043.	2.4	55
63	Catalysis by ionic liquids: solvent-free efficient transthioacetalisation of acetals by molten tetrabutylammonium bromide Electronic supplementary information (ESI) available: spectral data of S,S-acetals. See <a href="http://www.rsc.org/suppdata/p1/b2/b204363g/">http://www.rsc.org/suppdata/p1/b2/b204363g/</a> . <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 1520-1522.	1.3	54
64	A New Route to the Synthesis of (E)- and (Z)-2-Alkene-4-ynoates and Nitriles from vic-Diiodo-(E)-alkenes Catalyzed by Pd(0) Nanoparticles in Water. <i>Organic Letters</i> , 2007, 9, 2409-2412.	2.4	54
65	Catalysis by Ionic Liquids: Significant Rate Acceleration with the Use of [pmlm]Br in the Three-Component Synthesis of Dithiocarbamates. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 519-523.	1.2	54
66	A Direct Synthesis of Selenophenes by Cu-Catalyzed One-Pot Addition of a Selenium Moiety to (E,E)-1,3-Dienyl Bromides and Subsequent Nucleophilic Cyclization. <i>Organic Letters</i> , 2014, 16, 4122-4125.	2.4	54
67	A simple and efficient method for selective deprotection of t-butyldimethylsilyl ethers by zinc tetrafluoroborate in water. <i>Tetrahedron Letters</i> , 1999, 40, 1985-1988.	0.7	53
68	Stereoselective Reduction of Aryl-Substituted gem-Dibromides to Vinyl Bromides by Indium Metal. <i>Journal of Organic Chemistry</i> , 2001, 66, 4102-4103.	1.7	52
69	Al <sub>2</sub> O <sub>3</sub> -Supported Cu-Catalyzed Electrophilic Substitution by PhSeBr in Organoboranes, Organosilanes, and Organostannanes. A Protocol for the Synthesis of Unsymmetrical Diaryl and Alkyl Aryl Selenides. <i>Journal of Organic Chemistry</i> , 2010, 75, 4864-4867.	1.7	52
70	Synthesis of .beta.-keto 1,3-dithianes from acetylenic ketones. <i>Journal of Organic Chemistry</i> , 1992, 57, 7349-7352.	1.7	51
71	Surface-mediated solid phase michael reaction: dramatic acceleration on alumina. <i>Tetrahedron Letters</i> , 1991, 32, 2811-2812.	0.7	49
72	Copper(I) Hydroxyapatite Catalyzed Sonogashira Reaction of Alkynes with Styrenyl Bromides. Reaction of <i>cis</i> -Styrenyl Bromides Forming Unsymmetric Diynes. <i>Journal of Organic Chemistry</i> , 2012, 77, 9379-9383.	1.7	49

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73	ZnO-Supported Pd Nanoparticle-Catalyzed Ligand- and Additive-Free Cyanation of Unactivated Aryl Halides Using $K_4[Fe(CN)_6]$ . <i>Journal of Organic Chemistry</i> , 2014, 79, 5875-5879.	1.7	49
74	Palladium-Catalyzed Norbornene-Mediated Tandem <i>ortho</i> -C-H-Amination/ <i>ipso</i> -C-I-Cyanation of Iodoarenes: Regiospecific Synthesis of 2-Aminobenzonitrile. <i>Organic Letters</i> , 2016, 18, 4162-4165.	2.4	48
75	Highly efficient acylation of alcohols, amines and thiols under solvent-free and catalyst-free conditions. <i>Green Chemistry</i> , 2003, 5, 44-46.	4.6	47
76	Ionic liquid promoted interrupted Feist-Benary reaction with high diastereoselectivity. <i>Tetrahedron Letters</i> , 2008, 49, 4613-4617.	0.7	47
77	Hydroxyapatite-supported Cu(scp)-catalysed cyanation of styrenyl bromides with $K_4[Fe(CN)_6]$ : an easy access to cinnamitriles. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 952-957.	1.5	46
78	Indium as a reducing agent. Chemoselective reduction of $\alpha$ -halocarbonyl compounds and benzyl halides by indium metal in water under sonication. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, 1139-1140.	0.9	44
79	Zinc Tetrafluoroborate-Catalyzed Efficient Conversion of Aldehydes to Geminal Diacetates and Cyanoacetates. <i>Chemistry Letters</i> , 2003, 32, 366-367.	0.7	44
80	Indium(III) chloride-catalyzed oxidative cleavage of carbon-carbon multiple bonds by tert-butyl hydroperoxide in water—a safer alternative to ozonolysis. <i>Tetrahedron Letters</i> , 2008, 49, 2588-2591.	0.7	44
81	Transition-Metal-Free Iodine Catalyzed Selenocyanation of Styrenyl Bromides and an Easy Access to Benzoselenophenes via Intermediacy of Styrenyl Selenocyanate. <i>Organic Letters</i> , 2017, 19, 5748-5751.	2.4	44
82	Palladium(0) nanoparticle-catalyzed $sp^2$ C-H activation: a convenient route to alkylaryl ketones by direct acylation of aryl bromides and iodides with aldehydes. <i>Tetrahedron Letters</i> , 2010, 51, 3811-3814.	0.7	42
83	Copper-Silver Dual Catalyzed Decyanative Se Cross-Coupling. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 329-338.	2.1	42
84	Heterogeneous $Cu^{II}$ -Catalysed Solvent-Controlled Selective $N$ -Arylation of Cyclic Amides and Amines with Bromoiodoarenes. <i>Chemistry - A European Journal</i> , 2013, 19, 15759-15768.	1.7	41
85	Cobalt-Catalyzed Remote C-4 Functionalization of 8-Aminoquinoline Amides with Ethers via C-H Activation under Visible-Light Irradiation. Access to $\alpha$ -Heteroarylated Ether Derivatives. <i>Organic Letters</i> , 2018, 20, 1011-1014.	2.4	40
86	Indium Metal as a Reducing Agent. Selective Reduction of the Carbon-Carbon Double Bond in Highly Activated Conjugated Alkenes. <i>Organic Letters</i> , 2001, 3, 2603-2605.	2.4	39
87	Ionic liquid-promoted dehydration of aldoximes: a convenient access to aromatic, heteroaromatic and aliphatic nitriles. <i>Tetrahedron Letters</i> , 2009, 50, 6088-6091.	0.7	39
88	Use of indium hydride ( $Cl_2InH$ ) for chemoselective reduction of the carbon-carbon double bond in conjugated alkenes. <i>Tetrahedron Letters</i> , 2002, 43, 7405-7407.	0.7	38
89	Hydroxyapatite-Supported Palladium-Catalyzed Efficient Synthesis of (E)-2-Alkene-4-ynecarboxylic Esters. Intense Fluorescence Emission of Selected Compounds. <i>Journal of Organic Chemistry</i> , 2008, 73, 5609-5612.	1.7	38
90	Metal nanoparticles as efficient catalysts for organic reactions. <i>Pure and Applied Chemistry</i> , 2009, 81, 2337-2354.	0.9	38



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91	Palladium(0) nanoparticles-catalyzed ligand-free direct arylation of benzothiazole via C-H bond functionalization. <i>Tetrahedron Letters</i> , 2010, 51, 5624-5627.	0.7	38
92	Highly Efficient Transthioacetalization of O,O-Acetals Catalyzed by Indium(III) Chloride. <i>Synlett</i> , 2002, 2002, 0727-0730.	1.0	36
93	A Simple and Convenient Procedure for the Conversion of Esters to Secondary Amides. <i>Synthetic Communications</i> , 2003, 33, 297-301.	1.1	35
94	Indium(I) Iodide-Promoted Cleavage of Dialkyl Disulfides and Subsequent Michael Addition of Thiolate Anions to Conjugated Carbonyl Compounds. <i>Synlett</i> , 2004, 2004, 1239-1242.	1.0	35
95	Highly selective acylation of alcohols and amines by an indium triiodide-catalysed transesterification process. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 2223-2225.	1.3	34
96	Catalysis by ionic liquids: cyclopropyl carbinyl rearrangements catalyzed by [pmim]Br under organic solvent free conditions. <i>Tetrahedron Letters</i> , 2006, 47, 881-884.	0.7	34
97	One-pot Suzuki coupling of aromatic amines via visible light photocatalyzed metal free borylation using t-BuONO at room temperature. <i>Tetrahedron Letters</i> , 2016, 57, 1551-1554.	0.7	34
98	Unusual Cleavage of Ethers by Thiophenol on the Surface of Silica Gel Impregnated with Indium(III) Chloride under Microwave Irradiation: Efficient Procedure for the Synthesis of Thioethers through Transthioetherification. <i>Synlett</i> , 2002, 2002, 0987-0989.	1.0	33
99	Indium(I) iodide as a radical initiator: intramolecular cyclization of functionalized bromo-alkynes to substituted tetrahydrofurans. <i>Tetrahedron Letters</i> , 2006, 47, 2859-2861.	0.7	33
100	Water-promoted regioselective hydrothiolation of alkynes. <i>Canadian Journal of Chemistry</i> , 2009, 87, 1605-1609.	0.6	32
101	A co-operative Ni-Cu system for C <sub>sp</sub> -C <sub>sp</sub> and C <sub>sp</sub> -C <sub>sp<sup>2</sup></sub> cross-coupling providing a direct access to unsymmetrical 1,3-diyne and en-yne. <i>Chemical Communications</i> , 2014, 50, 15784-15787.	2.2	32
102	Indium(I) iodide promoted cleavage of dialkyl/diaryl disulfides and subsequent anti-Markovnikov addition to styrenes: a new route to linear thioethers. <i>Tetrahedron Letters</i> , 2006, 47, 6911-6914.	0.7	30
103	Efficient regio- and stereo-selective cleavage of aziridines and epoxides using an ionic liquid as reagent and reaction medium. <i>Canadian Journal of Chemistry</i> , 2007, 85, 366-371.	0.6	30
104	Aerobic oxidation of thiols to disulfides under ball-milling in the absence of any catalyst, solvent, or base. <i>RSC Advances</i> , 2013, 3, 10680.	1.7	30
105	Indium(I) iodide promoted highly selective 1,2-addition of allyl and benzyl groups to $\hat{1},\hat{1}^2$ -unsaturated nitriles under sonication: a new synthesis of conjugated imines. <i>Tetrahedron Letters</i> , 2004, 45, 6875-6877.	0.7	28
106	Ascorbic Acid Promoted Oxidative Arylation of Vinyl Arenes to 2-Aryl Acetophenones without Irradiation at Room Temperature under Aerobic Conditions. <i>Journal of Organic Chemistry</i> , 2015, 80, 7739-7745.	1.7	28
107	Microwave Assisted Michael Addition of Cycloalkenones and Substituted Enones on the Surface of Alumina in Dry Media. <i>Synthetic Communications</i> , 1997, 27, 621-626.	1.1	27
108	Chemo-, regio- and stereoselective addition of triorganoindium reagents to acetates of Baylis-Hillman adducts: a new strategy for the synthesis of (E)- and (Z)-trisubstituted alkenes. <i>Tetrahedron Letters</i> , 2007, 48, 3847-3850.	0.7	27

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109	Ionic liquid/PPH <sub>3</sub> promoted cleavage of diphenyl disulfide and diselenide: a straight-forward metal-free one-pot route to the synthesis of unsymmetrical sulfides and selenides. <i>Tetrahedron Letters</i> , 2012, 53, 2149-2152.	0.7	27
110	Dichloroindium Hydride(Cl <sub>2</sub> InH): A Convenient Reagent for Stereoselective Reduction of vic-Dibromides to (E)-Alkenes. <i>Synthesis</i> , 2003, 2003, 1012-1014.	1.2	26
111	Selective reductive cleavage of 2,3-epoxybromides by the InCl <sub>3</sub> •NaBH <sub>4</sub> reagent system. <i>Tetrahedron Letters</i> , 2004, 45, 8579-8581.	0.7	26
112	Indium(I) iodide promoted cleavage of dialkyl disulfides – Application of the Michael addition of thiolate anions to conjugated carbonyl compounds and regioselective ring opening of epoxides. <i>Canadian Journal of Chemistry</i> , 2006, 84, 762-770.	0.6	26
113	An easy access to styrenes: trans aryl 1,3-, 1,4- and 1,5-dienes, and 1,3,5-trienes by Hiyama cross-coupling catalyzed by palladium nanoparticles. <i>New Journal of Chemistry</i> , 2011, 35, 1103.	1.4	26
114	Reduction of trihalomethyl carbinols and their acetates, mesylates and tosylates by indium metal. <i>Tetrahedron Letters</i> , 2002, 43, 5993-5995.	0.7	25
115	Direct Halogenation of Alcohols and Their Derivatives with tert-Butyl Halides in the Ionic Liquid [pmIm]Br under Sonication Conditions - A Novel, Efficient and Green Methodology. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 755-758.	1.2	25
116	Direct Asymmetric Arylation of Imines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4293-4324.	2.1	24
117	Selective Reduction of Terminal Alkynes to Alkenes by Indium Metal. <i>Journal of Organic Chemistry</i> , 2001, 66, 5624-5626.	1.7	23
118	Indium Triflate Catalyzed Rearrangement of Aryl-Substituted Cyclopropyl Carbinols to 1,4-Disubstituted 1,3-Butadienes. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3012-3015.	1.2	23
119	Cobalt-Catalyzed Intermolecular C(sp <sup>2</sup> )–O Cross-Coupling. <i>Chemistry - A European Journal</i> , 2015, 21, 8727-8732.	1.7	23
120	Regioselective Reduction of Quinolines and Related Systems to 1,2,3,4-Tetrahydro Derivatives with Zinc Borohydride. <i>Synthetic Communications</i> , 1998, 28, 485-492.	1.1	22
121	Indium-Mediated Allylation of $\alpha$ -Keto Phosphonates. <i>Journal of Organic Chemistry</i> , 2001, 66, 7519-7521.	1.7	22
122	Molten Salt as a Green Reaction Medium: Efficient and Chemoselective Dithioacetalization and Oxathioacetalization of Aldehydes Mediated by Molten Tetrabutylammonium Bromide. <i>Australian Journal of Chemistry</i> , 2004, 57, 605.	0.5	22
123	An efficient and general procedure for the synthesis of alkynyl chalcogenides (selenides and) dichalcogenides. <i>Tetrahedron</i> , 2012, 68, 10542-10549.	1.0	22
124	Ionic liquid promoted selective debromination of $\alpha$ -bromoketones under microwave irradiation. <i>Tetrahedron</i> , 2007, 63, 155-159.	1.0	21
125	A convenient and efficient protocol for the synthesis of 4(1H)-cinnolones, 1,4-dihydrocinnolines, and cinnolines in aqueous medium: application for detection of nitrite ions. <i>Tetrahedron</i> , 2011, 67, 8918-8924.	1.0	21
126	An indium-TMSCl promoted reaction of diphenyl diselenide and diorganyl disulfides with aldehydes: novel routes to selenoacetals, thioacetals and alkyl phenyl selenides. <i>Tetrahedron</i> , 2009, 65, 2072-2078.	1.0	20



#	ARTICLE	IF	CITATIONS
127	Facile cyclization of 2-arylethynyl aniline to 4(1H)-cinnolones: a new chemodosimeter for nitrite ions. <i>Tetrahedron Letters</i> , 2011, 52, 461-464.	0.7	20
128	Ruthenium(iii)-catalysed phenylselenylation of allyl acetates by diphenyl diselenide and indium(i) bromide in neat: isolation and identification of intermediate. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1763.	1.5	19
129	Cobalt catalysed, copper assisted C(sp <sup>2</sup> )–P cross coupling. <i>New Journal of Chemistry</i> , 2016, 40, 9556-9564.	1.4	19
130	Iodine–Catalyzed Synthesis of Chalcogenophenes by the Reaction of 1,3-Dienyl Bromides and Potassium Selenocyanate/Potassium Sulfide (KSeCN/K <sub>2</sub> S). <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4369-4378.	2.1	19
131	Iron(0) nanoparticles mediated direct conversion of aryl/heteroaryl amines to chalcogenides via in situ diazotization. <i>Tetrahedron Letters</i> , 2017, 58, 3441-3445.	0.7	19
132	Palladium-Catalyzed Ligand-Free Decarboxylative Coupling of $\alpha$ - Oxocarboxylic Acid with Aryl Diazonium Tetrafluoroborate: An Access to Unsymmetrical Diaryl Ketones. <i>Journal of Organic Chemistry</i> , 2018, 83, 12609-12618.	1.7	19
133	Transition Metal- and Oxidant-Free Base-Mediated Selenation of Bicyclic Arenes at Room Temperature. <i>ACS Omega</i> , 2018, 3, 17540-17546.	1.6	18
134	Indium triiodide catalysed one-step conversion of tetrahydropyranyl ethers to acetates with high selectivity. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 355-357.	1.3	17
135	An indium–TMSCl promoted reaction of diphenyl diselenides and aldehydes: novel routes to selenoacetals and alkyl phenyl selenides. <i>Tetrahedron Letters</i> , 2006, 47, 5677-5680.	0.7	17
136	Ionic Liquid Promoted Regio- and Stereo-Selective Thiolysis of Epoxides–A Simple and Green Approach to $\beta$ -Hydroxy- and $\beta$ -Keto Sulfides. <i>Australian Journal of Chemistry</i> , 2007, 60, 278.	0.5	17
137	A mild and Selective Method of Ester Hydrolysis. <i>Synthetic Communications</i> , 1989, 19, 627-631.	1.1	16
138	Nickel–Copper–Catalyzed C(sp <sup>2</sup> )–N Cross-Coupling of Cyclic and Bridged Amides: An Access to Cyclic Enamides and Alkenyl Vince Lactams. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3617-3626.	2.1	16
139	Synthesis of Organosulfur and Related Heterocycles under Mechanochemical Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 13895-13910.	1.7	16
140	An Efficient and General Method for Ester Hydrolysis on the Surface of Silica Gel Catalyzed by Indium Triiodide Under Microwave Irradiation. <i>Synthetic Communications</i> , 2000, 30, 4167-4171.	1.1	15
141	Construction of bicyclo[2.2.2]octanone systems by microwave-assisted solid phase Michael addition followed by Al <sub>2</sub> O <sub>3</sub> -mediated intramolecular aldolisation. An eco-friendly approach. <i>Green Chemistry</i> , 2000, 2, 5-6.	4.6	15
142	Zinc tetrafluoroborate-catalysed synthesis of highly substituted pyrroles by a solvent-free reaction. <i>Mendeleev Communications</i> , 2006, 16, 220-221.	0.6	15
143	Cu(OAc) <sub>2</sub> -Promoted Ortho C(sp <sup>2</sup> )–H Amidation of 8-Aminoquinoline Benzamide with Acyl Azide: Selective Formation of Aroyl or Acetyl Amide Based on Catalyst Loading. <i>Journal of Organic Chemistry</i> , 2018, 83, 11758-11767.	1.7	15
144	Ruthenium catalysed one-pot synthesis of S-allyl and cinnamyl dithiocarbamates using allyl and cinnamyl acetates in water. <i>RSC Advances</i> , 2012, 2, 6329.	1.7	14

#	ARTICLE	IF	CITATIONS
145	Palladium supported on silica gel confined ionic liquid as a reusable catalyst for carbon-carbon cross coupling reaction in water. <i>Clean Technologies and Environmental Policy</i> , 2014, 16, 1767-1771.	2.1	14
146	Mechanochemical synthesis of coumarins <i>via</i> Pechmann condensation under solvent-free conditions: an easy access to coumarins and annulated pyrano[2,3- <i>f</i> ] and [3,2- <i>f</i> ]indoles. <i>Green Chemistry</i> , 2022, 24, 2429-2437.	4.6	14
147	Highly selective one-pot conversion of THP and MOM ethers to acetates by indium triiodide-catalysed deprotection and subsequent transesterification by ethyl acetate. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 2262-2265.	1.3	13
148	Efficient Synthesis of $\alpha$ -Alkyl/Arylsulfanyl Carbonyl Compounds by $\text{In}(\text{TMSCl})_2$ -Promoted Cleavage of Dialkyl/Diaryl Disulfides and Subsequent Michael Addition. <i>Synthetic Communications</i> , 2007, 37, 1517-1523.	1.1	12
149	Water-promoted highly regio- and stereoselective synthesis of $\beta$ -dehydro- $\beta$ -amino esters and nitriles from Baylis-Hillman acetates. <i>Tetrahedron Letters</i> , 2009, 50, 4892-4895.	0.7	12
150	Regioselective cross-coupling of allylindium reagents with activated benzylic bromides as a simple and efficient procedure for the synthesis of terminal alkenes. <i>Tetrahedron Letters</i> , 2007, 48, 7374-7379.	0.7	11
151	Palladium and copper catalyzed one-pot Sonogashira reaction of 2-nitroiodobenzenes with aryl acetylenes and subsequent regioselective hydration in water: synthesis of 2-(2-nitrophenyl)-1-aryl ethanones. <i>Tetrahedron Letters</i> , 2013, 54, 3697-3701.	0.7	11
152	Calcium mediated C-F bond substitution in fluoroarenes towards C-chalcogen bond formation. <i>Organic Chemistry Frontiers</i> , 2017, 4, 69-76.	2.3	11
153	Green Oxidation of Methylarenes to Benzoic Acids with Bromide/Bromate in Water. <i>Synthetic Communications</i> , 2010, 40, 2922-2929.	1.1	10
154	First Application of Heterogeneous Cobalt Catalysis in C <sub>sp2</sub> -N Cross-Coupling of Activated Chloroarenes under Ligand-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4018-4023.	1.2	10
155	Copper catalyzed cyanation through C-C bond cleavage of gem-aryl dibromide followed by second cyanation of iodoarene by a released CN unit. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1586-1599.	2.3	10
156	Mechanochemically Induced Chalcogenation of Bicyclic Arenes under Solvent-, Ligand-, Metal-, and Oxidant-Free Conditions. <i>ChemistrySelect</i> , 2020, 5, 14198-14202.	0.7	10
157	Ion Exchange Resin-Mediated Hydrolytic Cleavage of $\beta$ -Nitroepoxides. Simple One-Pot Synthesis of $\beta$ -Hydroxyketones. <i>Synthetic Communications</i> , 1992, 22, 1523-1528.	1.1	9
158	Ionic Liquid-Promoted Stereoselective Synthesis of (Z)-Vinyl Bromides by $[\text{bmIm}]\text{OH}$ under Organic Solvent-Free Conditions: A Green Approach. <i>Synthetic Communications</i> , 2007, 37, 2869-2876.	1.1	9
159	Ion Exchange Resin-Mediated Hydrolytic Cleavage of Epoxides. Simple One-Pot Synthesis of 2-Arylketones from 1-Aryl-1,2-epoxides. <i>Synthetic Communications</i> , 1990, 20, 1751-1756.	1.1	8
160	Palladium-Catalyzed Oxidative C-C Bond Cleavage of $\beta$ -Hydroxyketones: Application to C-H Acylation of Azoarenes and Synthesis of a Liver(X) Receptor Agonist. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 154-163.	1.3	8
161	Mechanochemically Induced Cross Dehydrogenative Coupling Reactions under Ball Milling. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2462-2478.	2.1	8
162	A Simple Synthesis of $\beta$ -Hydroxy- $\beta$ -Unsaturated Aldehydes. <i>Synthetic Communications</i> , 1987, 17, 155-160.	1.1	7

#	ARTICLE	IF	CITATIONS
163	Surface-Mediated Solid Phase Reaction. IX. A Convenient Procedure for Aldol Reaction of Ketene Silyl Acetals with Aldehydes on the Solid Surface of Alumina. <i>Synthetic Communications</i> , 1997, 27, 3065-3077.	1.1	7
164	Amphiphilic allylation of activated alkenes by allyl acetates and allylstannanes catalyzed by palladium nanoparticles: an easy access to stereodefined substituted cyclohexene derivatives. <i>New Journal of Chemistry</i> , 2011, 35, 430-437.	1.4	7
165	Iron Nanoparticles-Catalyzed Electrophilic Amination of Functionalized Organocopper and Organozinc Reagents. <i>Current Organic Chemistry</i> , 2012, 16, 1453-1460.	0.9	7
166	Cobalt-Copper Catalyzed C(sp <sup>2</sup> )-N Cross Coupling of Amides or Nitrogenated Heterocycles with Styrenyl or Aryl Halides. <i>ChemistrySelect</i> , 2018, 3, 4406-4412.	0.7	7
167	Visible Light Photocatalyzed Carbon-Heteroatom Bond Formation and Synthesis of Related Compounds. <i>Current Green Chemistry</i> , 2017, 3, 279-317.	0.7	7
168	Highly chemoselective reduction of azides to amines by Fe(0) nanoparticles in water at room temperature. <i>Tetrahedron Letters</i> , 2017, 58, 3457-3460.	0.7	6
169	Silver-catalyzed carbon-selenium cross-coupling using N-(phenylseleno)phthalimide: an alternate approach to the synthesis of organoselenides. <i>Canadian Journal of Chemistry</i> , 2017, 95, 51-56.	0.6	6
170	Palladium-Catalyzed Olefination of 4-Hydroxybenzo[d][1,3]oxazin-4-one Derivatives with Activated Alkenes via Preferential Cyclic Imine-Directed Aryl C-H Activation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5777-5786.	1.2	6
171	Recent Progress on Carbon-chalcogen Bond Formation Reaction Under Microwave Irradiation. <i>Current Microwave Chemistry</i> , 2020, 7, 40-49.	0.2	6
172	Stereospecific Synthesis of Endo-6-Aryl-2-Oxobicyclo [3.3.1]Nonanes. <i>Synthetic Communications</i> , 1987, 17, 1539-1543.	1.1	5
173	Easy Access to $\alpha$ -Bromoketones and Epoxides from vic-Dibromides Under Aqueous Conditions. <i>Synthetic Communications</i> , 2010, 40, 3233-3239.	1.1	5
174	Microwave Assisted Synthesis of Chalcogenides. <i>Current Microwave Chemistry</i> , 2016, 4, 25-35.	0.2	4
175	Learning Green Chemistry and its principles from Nature's process and development of green procedures mimicking nature. <i>Chemistry Teacher International</i> , 2022, 4, 127-141.	0.9	4
176	Palladium-catalyzed site-selective arylation of symmetric dichlorobenzaldehyde to non-symmetric diaryl benzaldehyde via Suzuki coupling. <i>Tetrahedron Letters</i> , 2012, 53, 1558-1560.	0.7	3
177	A Novel Chiral Auxiliary for Enantioselective Synthesis of Tertiary Alcohol. <i>Synthetic Communications</i> , 1991, 21, 1619-1624.	1.1	2
178	Using more environmentally friendly solvents and benign catalysts in performing conventional organic reactions. <i>Current Opinion in Drug Discovery &amp; Development</i> , 2010, 13, 658-68.	1.9	2
179	Ionic Liquid as Catalyst and Reaction Medium. The Dramatic Influence of a Task-Specific Ionic Liquid, [bmim]OH, in Michael Addition of Active Methylene Compounds to Conjugated Ketones, Carboxylic Esters, and Nitriles. <i>ChemInform</i> , 2005, 36, no.	0.1	1
180	Synthesis and Reactivity of Selenophene and Their Benzo- and Other Carbocyclic-Fused Derivatives. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
181	An Efficient Synthesis of Pyrroles by a One-Pot, Three-Component Condensation of a Carbonyl Compounds, an Amine and a Nitroalkene in a Molten Ammonium Salt.. ChemInform, 2003, 34, no.	0.1	0
182	Indium(I) Iodide Mediated Cleavage of Diphenyl Diselenide. An Efficient One-Pot Procedure for the Synthesis of Unsymmetrical Diorganyl Selenides.. ChemInform, 2003, 34, no.	0.1	0
183	Remarkably Selective Reduction of the $\alpha,\beta$ -Carbon-Carbon Double Bond in Highly Activated $\alpha,\beta,\gamma,\delta$ -Unsaturated Alkenes by the $\text{InCl}_3/\text{NaBH}_4$ Reagent System.. ChemInform, 2004, 35, no.	0.1	0
184	Indium(I) Iodide-Promoted Cleavage of Diaryl Diselenides and Disulfides and Subsequent Condensation with Alkyl or Acyl Halides. One-Pot Efficient Synthesis of Diorganyl Selenides, Sulfides, Selenoesters, and Thioesters.. ChemInform, 2004, 35, no.	0.1	0
185	Direct Halogenation of Alcohols and Their Derivatives with tert-Butyl Halides in the Ionic Liquid $[\text{pmIm}]\text{Br}$ under Sonication Conditions - A Novel, Efficient and Green Methodology.. ChemInform, 2005, 36, no.	0.1	0
186	Ionic Liquid as Reagent. A Green Procedure for the Regioselective Conversion of Epoxides to Vicinal-Halohydrins Using $[\text{AcMIm}]\text{X}$ under Catalyst- and Solvent-Free Conditions.. ChemInform, 2005, 36, no.	0.1	0
187	1. Synthesis of Organoselenides by Coupling Reaction and C-H Activation - Recent Advances. , 2020, , 1-28.		0
188	Copper nanoparticles catalyzed carbon-heteroatom bond formation and synthesis of related heterocycles by greener procedures. ChemistrySelect, 2022, .	0.7	0