

Bimal K Banik

List of Publications by Year in descending order

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papers

5,290
citations

81743

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175
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175
docs citations

175
times ranked

3003
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#	ARTICLE	IF	CITATIONS
1	Bismuth Nitrate-Catalyzed Versatile Michael Reactions. <i>Journal of Organic Chemistry</i> , 2003, 68, 2109-2114.	1.7	385
2	Simple Synthesis of Substituted Pyrroles. <i>Journal of Organic Chemistry</i> , 2004, 69, 213-216.	1.7	214
3	Microwave-induced organic reaction enhancement chemistry. 2. Simplified techniques. <i>Journal of Organic Chemistry</i> , 1991, 56, 6968-6970.	1.7	186
4	Stereoselective Synthesis of β -Lactams with Polyaromatic Imines: An Entry to New and Novel Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 12-15.	2.9	170
5	Iodine-catalyzed highly efficient Michael reaction of indoles under solvent-free condition. <i>Tetrahedron Letters</i> , 2005, 46, 2479-2482.	0.7	162
6	Microwave-Assisted Rapid and Simplified Hydrogenation. <i>Journal of Organic Chemistry</i> , 1999, 64, 5746-5753.	1.7	156
7	MORE Chemistry for Less Pollution: Applications for Process Development. <i>Synthesis</i> , 2002, 2002, 1578-1591.	1.2	132
8	Surface-mediated highly efficient regioselective nitration of aromatic compounds by bismuth nitrate. <i>Tetrahedron Letters</i> , 2000, 41, 8017-8020.	0.7	131
9	A straightforward highly efficient Paal-Knorr synthesis of pyrroles. <i>Tetrahedron Letters</i> , 2005, 46, 2643-2645.	0.7	130
10	Synthesis of anticancer β -lactams: mechanism of action. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 2523-2528.	1.4	121
11	A facile reduction of aromatic nitro compounds to aromatic amines by samarium and iodine. <i>Tetrahedron Letters</i> , 1998, 39, 7243-7246.	0.7	113
12	Microwave-induced bismuth nitrate-catalyzed synthesis of dihydropyrimidones via Biginelli condensation under solventless conditions. <i>Tetrahedron Letters</i> , 2007, 48, 7392-7394.	0.7	99
13	Polycyclic aromatic compounds as anticancer agents: Synthesis and biological evaluation of some chrysene derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 2877-2880.	1.0	96
14	Metal-Free Cross-Dehydrogenative Coupling (CDC): Molecular Iodine as a Versatile Catalyst/Reagent for CDC Reactions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 6-30.	1.7	93
15	Stereocontrolled synthesis of anticancer β -lactams via the Staudinger reaction. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 3611-3622.	1.4	91
16	A new molecular iodine-catalyzed thioketalization of carbonyl compounds: selectivity and scope. <i>Tetrahedron Letters</i> , 2001, 42, 4425-4427.	0.7	89
17	Asymmetric synthesis of anticancer β -lactams via Staudinger reaction: Utilization of chiral ketene from carbohydrate. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 846-848.	2.6	85
18	Stereocontrol of β -lactam formation using microwave irradiation. <i>Tetrahedron Letters</i> , 1995, 36, 213-216.	0.7	83

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19	Ultrasound-assisted bismuth nitrate-induced green synthesis of novel pyrrole derivatives and their biological evaluation as anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2012, 50, 209-215.	2.6	80
20	Ultrasound-promoted highly efficient reduction of aromatic nitro compounds to the aromatic amines by samarium/ammonium chloride. <i>Tetrahedron Letters</i> , 2000, 41, 5603-5606.	0.7	78
21	Polycyclic aromatic compounds as anticancer agents: structure-activity relationships of chrysene and pyrene derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 593-605.	1.4	77
22	Stereospecific Glycosylation via Ferrier Rearrangement for Optical Resolution. <i>Journal of Organic Chemistry</i> , 1994, 59, 4714-4716.	1.7	72
23	Facile synthesis of N-substituted pyrroles via microwave-induced bismuth nitrate-catalyzed reaction. <i>Tetrahedron Letters</i> , 2009, 50, 5445-5448.	0.7	71
24	A New Molecular Iodine-Catalyzed Acetalization of Carbonyl Compounds. <i>Synlett</i> , 2002, 2002, 0319-0321.	1.0	70
25	Unprecedented stereoselectivity in the Staudinger reaction with polycyclic aromatic imines. <i>Tetrahedron Letters</i> , 2000, 41, 6551-6554.	0.7	69
26	Polycyclic aromatic compounds as anticancer agents: synthesis and biological evaluation of dibenzofluorene derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 2693-2699.	1.4	68
27	A remarkable bismuth nitrate-catalyzed protection of carbonyl compounds. <i>Tetrahedron Letters</i> , 2003, 44, 1191-1193.	0.7	68
28	Microwave-induced organic reaction enhancement chemistry. 4 convenient synthesis of enantiopure β -hydroxy- γ -lactams. <i>Tetrahedron Letters</i> , 1992, 33, 3603-3606.	0.7	61
29	Polyhydroxy Amino Acid Derivatives via γ -Lactams Using Enantiospecific Approaches and Microwave Techniques. <i>Tetrahedron</i> , 2000, 56, 5603-5619.	1.0	59
30	Studies on lactams. 89. Versatile β -lactam synthons: enantiospecific synthesis of (-)-polyoxamic acid. <i>Journal of Organic Chemistry</i> , 1993, 58, 307-309.	1.7	57
31	A remarkable iodine-catalyzed protection of carbonyl compounds. <i>Tetrahedron Letters</i> , 2005, 46, 2341-2343.	0.7	53
32	An Effective Microwave-Induced Iodine-Catalyzed Method for the Synthesis of Quinoxalines via Condensation of 1,2-Diamines with 1,2-Dicarbonyl Compounds. <i>Molecules</i> , 2010, 15, 4207-4212.	1.7	52
33	Samarium-mediated Barbier reaction of carbonyl compounds. <i>Tetrahedron Letters</i> , 2001, 42, 187-189.	0.7	51
34	Samarium-induced iodine-catalyzed reduction of imines: synthesis of amine derivatives. <i>Tetrahedron Letters</i> , 1999, 40, 6731-6734.	0.7	50
35	A Microwave-Assisted Bismuth Nitrate-Catalyzed Unique Route Toward 1,4-Dihydropyridines. <i>Molecules</i> , 2012, 17, 2643-2662.	1.7	49
36	An Expedient Synthesis of N-substituted Pyrroles via Microwave-Induced Iodine-Catalyzed Reactions under Solventless Conditions. <i>Molecules</i> , 2010, 15, 2520-2525.	1.7	47

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37	Ultrasound-assisted aza-Michael reaction in water: A green procedure. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 969-973.	3.8	47
38	On the Stereodivergent Behavior Observed in the Staudinger Reaction between Methoxyketene and (E)-N-Benzylidenearyl Amines. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3028-3032.	7.2	44
39	Polycyclic aromatic compounds as anticancer agents: Evaluation of synthesis and in vitro cytotoxicity. <i>Oncology Letters</i> , 2012, 3, 45-49.	0.8	42
40	Vinyl- β -lactams as Efficient Synthons. Eco-friendly Approaches via Microwave Assisted Reactions. <i>Tetrahedron</i> , 2000, 56, 5587-5601.	1.0	41
41	Indium-mediated facile synthesis of 3-unsubstituted β -lactams. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 2179-2181.	1.3	41
42	Simplified Rapid Hydrogenation Under Microwave Irradiation: Selective Transformations of β -Lactams ¹ . <i>Synlett</i> , 1993, 1993, 575-576.	1.0	40
43	Benzylic oxidation by sodium bismuthate in acetic acid: A simple method for the synthesis of polycyclic aromatic ketones. <i>Tetrahedron Letters</i> , 1998, 39, 7247-7250.	0.7	39
44	Samarium-induced alkyl halide mediated reductive coupling of ketones. <i>Tetrahedron Letters</i> , 2000, 41, 3793-3796.	0.7	38
45	Indium-mediated Facile Synthesis of 3-Unsubstituted Ferrocenyl β -Lactams. <i>Heterocycles</i> , 2000, 53, 2769.	0.4	38
46	Enantiopure β -hydroxy- β -lactams via stereoselective glycosylation. <i>Tetrahedron Letters</i> , 1997, 38, 5077-5080.	0.7	35
47	A New Bismuth Nitrate-induced Stereospecific Glycosylation of Alcohols. <i>Heterocycles</i> , 2003, 61, 101.	0.4	35
48	Indium/Ammonium Chloride Mediated Selective Reduction of Aromatic Nitro Compounds: Practical Synthesis of 6-AminoChrysene. <i>Synthetic Communications</i> , 2000, 30, 3745-3754.	1.1	33
49	Novel nitration of estrone by metal nitrates. <i>Tetrahedron Letters</i> , 2007, 48, 3945-3947.	0.7	33
50	Influence of methoxy-and methyl-aromatic substituents on stereochemistry of the products in the acid-catalyzed cyclization of 2-(2-arylethyl)-1,3,3-trimethylcyclohexanols: stereocontrolled total synthesis of (β)-nimbidol and (β)-nimbiol. <i>Tetrahedron</i> , 1988, 44, 6947-6955.	1.0	32
51	A facile synthesis of oxazines by indium-induced reduction-rearrangement of the nitro β -lactams. <i>Tetrahedron Letters</i> , 2003, 44, 1699-1701.	0.7	31
52	Bismuth nitrate-catalyzed novel synthesis of pyrrole-substituted indolinones. <i>Tetrahedron Letters</i> , 2006, 47, 7385-7387.	0.7	31
53	A new entry to N-unsubstituted β -lactams through a solid-phase approach. <i>Tetrahedron Letters</i> , 2002, 43, 9445-9447.	0.7	30
54	Remarkable Iodine-Catalyzed Synthesis of Novel Pyrrole- Bearing N-Polyaromatic β -Lactams. <i>Molecules</i> , 2010, 15, 1082-1088.	1.7	30

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55	Fused tricyclic β -lactams via intramolecular aryl radical cyclization ¹ . Tetrahedron Letters, 1996, 37, 1363-1366.	0.7	28
56	Novel Anticancer β -Lactams. Topics in Heterocyclic Chemistry, 2010, , 349-373.	0.2	28
57	Novel synthesis of 3-pyrrole substituted β -lactams via microwave-induced bismuth nitrate-catalyzed reaction. Tetrahedron, 2012, 68, 10686-10695.	1.0	28
58	Novel 6,12-disubstituted chrysene as potent anticancer agent: Synthesis, in vitro and in vivo study. European Journal of Medicinal Chemistry, 2010, 45, 4687-4691.	2.6	26
59	A Highly Efficient Bismuth Salts-Catalyzed Route for the Synthesis of β -Aminophosphonates. Molecules, 2010, 15, 8205-8213.	1.7	26
60	Environmentally Benign Chemistry: Microwave-induced Stereocontrolled Synthesis of β -Lactam Synthons. Heterocycles, 1997, 44, 405.	0.4	26
61	Samarium-induced reductive dimerization of methyl cinnamate: synthesis of 2,8-diamino chrysene. Tetrahedron Letters, 2004, 45, 4737-4739.	0.7	25
62	SURFACE-MEDIATED HIGHLY EFFICIENT OXIDATION OF ALCOHOLS BY BISMUTH NITRATE. Synthetic Communications, 2001, 31, 2691-2695.	1.1	23
63	A New Bismuth Nitrate ⁺ -Catalyzed Electrophilic Substitution of Indoles with Carbonyl Compounds Under Solvent-Free Conditions. Synthetic Communications, 2010, 40, 3678-3682.	1.1	23
64	Enantiomerically Pure β -Lactams with the Thienamycin Side Chain via Glycosylation. Heterocycles, 1997, 46, 173.	0.4	21
65	Montmorillonite impregnated with bismuth nitrate: A versatile reagent for the synthesis of nitro compounds of biological significance. Arkivoc, 2005, 2001, 27-33.	0.3	21
66	A green, chemoselective, and practical approach toward N-(2-azetidinyloxy) 2,5-disubstituted pyrroles. RSC Advances, 2013, 3, 16756.	1.7	20
67	Cycloaddition of Naphthalenyl and Anthracenyl Imines: Interesting Aspects of the Staudinger Reaction. Heterocycles, 2003, 59, 505.	0.4	19
68	Montmorillonite Impregnated with Bismuth Nitrate: Microwave-assisted Facile Nitration of β -Lactams. Heterocycles, 2003, 61, 97.	0.4	19
69	BISMUTH NITRATE-MEDIATED DEPROTECTION OF OXIMES. Synthetic Communications, 2002, 32, 1917-1921.	1.1	18
70	Bismuth nitrate pentahydrate-induced novel nitration of eugenol. Organic and Medicinal Chemistry Letters, 2011, 1, 9.	2.0	18
71	An Expedient Iodine-Catalyzed Synthesis of 3-Pyrrole-substituted 2-Azetidinones. Molecules, 2012, 17, 11570-11584.	1.7	18
72	Samarium-Mediated Iodine-Catalysed Reductive amination of the Adamantyl Methyl Ketone. Journal of Chemical Research, 2000, 2000, 321-323.	0.6	17

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73	Ultrasound-Promoted Samarium/Ammonium Chloride Mediated Reductive coupling of Aromatic Ketones. <i>Journal of Chemical Research</i> , 2000, 2000, 406-407.	0.6	17
74	Indium-mediated Reductive Cyclizations in Aqueous Ethanol: Highly Efficient Synthesis of Heterocyclic Compounds of Biological Interests. <i>Heterocycles</i> , 2002, 56, 467.	0.4	17
75	Tetracyclic Isoquinolones and Quinazolones via Aryl Radical Cyclizations. <i>Heterocycles</i> , 1998, 47, 639.	0.4	16
76	Microwave-Induced Aza-Michael Reaction in Water: A Remarkably Simple Procedure. <i>Synthetic Communications</i> , 2010, 40, 1730-1735.	1.1	16
77	A truly green synthesis of $\hat{1}\pm$ -aminonitriles via Strecker reaction. <i>Organic and Medicinal Chemistry Letters</i> , 2011, 1, 11.	2.0	15
78	Bismuth nitrate-induced novel nitration of estradiol: An entry to new anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 574-583.	2.6	15
79	Selective anticancer activity of $\hat{1}^2$ -lactams derived from polyaromatic compound. <i>Molecular Medicine Reports</i> , 2010, 3, 315-6.	1.1	15
80	Microwave-induced perchloric acid catalyzed novel solvent-free synthesis of 4-aryloxy-3,4-dihydropyrimidones via biginelli condensation. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 979-981.	1.4	14
81	STUDIES ON THE INDIUM-MEDIATED REDUCTION OF IMINES. <i>Synthetic Communications</i> , 2001, 31, 1581-1586.	1.1	13
82	Synthesis of $\hat{1}^2$ -Lactams and Their Chemical Manipulations Via Microwave-Induced Reactions. <i>Topics in Heterocyclic Chemistry</i> , 2012, , 183-221.	0.2	13
83	A green approach toward quinoxalines and bis-quinoxalines and their biological evaluation against A431, human skin cancer cell lines. <i>Future Medicinal Chemistry</i> , 2013, 5, 1377-1390.	1.1	13
84	Indium-mediated Stereospecific Glycosylation of Alcohols. <i>Heterocycles</i> , 2001, 55, 227.	0.4	13
85	Asymmetric synthesis of anticancer $\hat{1}^2$ -lactams via Staudinger reaction. <i>Molecular Medicine Reports</i> , 2010, 3, 319-21.	1.1	13
86	$\hat{1}\pm$ -Vinyl $\hat{1}^2$ -Lactams: Convenient Elaboration of the Thienamycin Side Chain. <i>Synlett</i> , 1993, 1993, 897-899.	1.0	12
87	Facile Synthesis of Biologically Active Heterocycles by Indium-induced Reactions of Aromatic Nitro Compounds in Aqueous Ethanol. <i>Heterocycles</i> , 2004, 63, 283.	0.4	12
88	Samarium/N-bromosuccinimide-induced reductive dimerization of carbonyl compounds. <i>Tetrahedron Letters</i> , 2005, 46, 2319-2322.	0.7	12
89	Bismuth Nitrate-Catalyzed Michael Reactions of Indoles in Water. <i>Heterocycles</i> , 2007, 71, 919.	0.4	12
90	Stereospecific novel glycosylation of hydroxy $\hat{1}^2$ -lactams via iodine-catalyzed reaction: a new method for optical resolution. <i>Tetrahedron</i> , 2012, 68, 10769-10779.	1.0	12

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91	Polycyclic aromatic compounds as anticancer agents: synthesis and biological evaluation of methoxy dibenzofluorene derivatives. <i>Frontiers in Chemistry</i> , 2014, 2, 55.	1.8	12
92	An expeditious synthesis of 1,2,3,4-tetrahydro-1,1-dimethylphenanthrenes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 3195.	0.9	11
93	Polystyrenesulfonate-catalyzed synthesis of novel pyrroles through Paal-Knorr reaction. <i>Organic and Medicinal Chemistry Letters</i> , 2012, 2, 11.	2.0	11
94	Bismuth nitrate-induced microwave-assisted expeditious synthesis of vanillin from curcumin. <i>Organic and Medicinal Chemistry Letters</i> , 2012, 2, 15.	2.0	11
95	Influence of electron donating aromatic substituents on the stereochemistry of the products in cycloalkylations of 2-(2-arylethyl)-3,3-dimethyl-1-methylenecyclohexane and related substrates: mechanisms of aromatic cycloalkylations. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 3189.	0.9	10
96	Sodium Bismuthate Mediated Oxidation of Allylic and Benzylic Alcohols. <i>Synthetic Communications</i> , 2000, 30, 2701-2705.	1.1	10
97	A Facile Iodine-catalyzed Glycosylation: Enantiomerically Pure Î ² -Lactams with the Thienamycin Side Chain. <i>Heterocycles</i> , 2009, 78, 2443.	0.4	10
98	Indium salts-catalyzed O and S-glycosylation of bromo sugar with benzyl glycolate: an unprecedented hydrogenolysis. <i>Tetrahedron Letters</i> , 2016, 57, 1425-1429.	0.7	10
99	Microwave-induced bismuth(III)-catalyzed synthesis of linear indoloquinolines. <i>Tetrahedron Letters</i> , 2017, 58, 2948-2951.	0.7	10
100	An Expeditious Total Synthesis of (Â±)-Semperviol, (Â±)-Sugiol and (Â±)-Xanthopherol Methyl Ether by Acid-Catalyzed Cyclalkylation Route. <i>Synthetic Communications</i> , 1989, 19, 1351-1367.	1.1	9
101	AN EXPEDITIOUS ONE POT SYNTHESIS OF DIBENZO[a,g]FLUORENE. <i>Synthetic Communications</i> , 2001, 31, 2399-2403.	1.1	9
102	Stableâ€œNMR and GIAOâ€œDFT Study of the Carbocations from Benzofluorenes and Dibenzofluorenes; Synthesis of Nitro Derivatives; Mutagenicity Assay and Xâ€œray Analysis. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1740-1752.	1.2	9
103	Synthetic studies towards complex diterpenoids-171: synthesis and oxidative cleavage of (-)-19,20-cycloabieta-19-oxo-8,11,13-triene. <i>Tetrahedron</i> , 1989, 45, 3547-3556.	1.0	8
104	A Novel Asymmetric Synthesis of 3â€œ(1<i>H</i>â€œPyrrolâ€œ(1â€œyl)â€œSubstituted <i>Î ² </i>â€œLactams <i>via</i> a Bismuth Nitrateâ€œCatalyzed Reaction. <i>Helvetica Chimica Acta</i> , 2012, 95, 839-844.	1.0	8
105	NOVEL SYNTHESIS OF SUBSTITUTED PYRROLE BOUND TO INDOLINONE VIA MOLECULAR IODINE-CATALYZED REACTION. <i>Heterocyclic Communications</i> , 2007, 13, .	0.6	7
106	Synthesis and biological evaluation of novel dibenzofluorene derivatives as anticancer agents. <i>Oncology Letters</i> , 2010, 1, 309-311.	0.8	7
107	An Efficient Synthesis of Optically Active <i>trans</i>-â€œ(3<i>R</i>,4<i>R</i>)â€œAcetoxyâ€œ4â€œCarylâ€œ1â€œ(chrysenâ€œ6â€œyl)azetidinaâ€œ2â€œCones Using (+)-â€œCarâ€œ3â€œene as a Auxiliary. <i>Helvetica Chimica Acta</i> , 2011, 94, 2188-2193.		
108	Design, synthesis and biological evaluation of novel pyrenyl derivatives as anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 851-862.	2.6	7

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109	Apoptotic-inducing activity of novel polycyclic aromatic compounds in human leukemic cells. <i>International Journal of Molecular Medicine</i> , 2006, 17, 931-5.	1.8	7
110	Microwave-Induced Synthesis of Heterocycles of Medicinal Interests. , 2015, , 517-557.		6
111	A personal perspective on medicinal and pharmaceutical chemistry. <i>Frontiers in Chemistry</i> , 2014, 2, 8.	1.8	6
112	Optical Resolution of Dibenzo [a,g]fluorenol via Glycosylation. <i>Synthetic Communications</i> , 2007, 37, 3895-3900.	1.1	5
113	An Expeditious Synthesis Of 3-Amino B-Lactams Derived From Polyaromatic Compounds. <i>Heterocyclic Communications</i> , 2009, 15, .	0.6	5
114	Highly Stereoselective Î²-Lactam Synthesis Via The Staudinger Reaction Using Polyaromatic Imines. <i>Heterocyclic Communications</i> , 2009, 15, .	0.6	5
115	Novel disubstituted chrysene as a potent agent against colon cancer. <i>Oncology Letters</i> , 2010, 1, 1033-1035.	0.8	5
116	Microwave-assisted polystyrene sulfonate-catalyzed synthesis of novel pyrroles. <i>Organic and Medicinal Chemistry Letters</i> , 2012, 2, 24.	2.0	5
117	A Selective, Expeditious and Sustainable Entry en Route to Benzopyrazines and bis-Benzopyrazines. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015, 18, 53-62.	0.6	5
118	Samarium-induced convenient reductive dimerization of aromatic ketones in aqueous methanol: a mechanistic approach. <i>Tetrahedron Letters</i> , 2005, 46, 7065-7068.	0.7	4
119	An expeditious green route toward 2-aryl-4-phenyl-1H-imidazoles. <i>Organic and Medicinal Chemistry Letters</i> , 2014, 4, 9.	2.0	4
120	Î²-Lactams as Clinically Active Medicines. , 2017, , 285-309.		4
121	Microwave-Induced Surface-Mediated Highly Efficient Regioselective Nitration of Aromatic Compounds: Effects of Penetration Depth. <i>Asian Journal of Chemistry</i> , 2021, 33, 2203-2206.	0.1	4
122	A Practical Green Synthesis and Biological Evaluation of Benzimidazoles Against Two Neglected Tropical Diseases: Chagas and Leishmaniasis. <i>Current Medicinal Chemistry</i> , 2018, 24, 4714-4725.	1.2	4
123	Synthesis of (Â±)-2-Methoxy-9a-Carbamorphinan and (Â±)-2-Methoxy-9a-Carba-14Î±-Morphinan: Acid Catalyzed Cyclizations of 1-<u>m</u>-Methoxybenzyl-4, 4a,5,6,7,8-Hexahydronaphthalen-2(3H)-ONE and 1-<u>m</u>-Methoxybenzyl-4, 4a,5,6,7,8-Hexahydronaphthalen-2(3H)-ONE and 1-<u>m</u>-Methoxybenzyl-4, 4a,5,6,7,8-Hexahydronaphthalen-2(3H)-ONE. <i>Synthetic Communications</i> , 1990, 20, 2203-2216.	1.1	3
124	Synthesis of Bicyclo[3.2.1]-octanone Derivatives by Metal Catalyzed Decomposition of Î±-Diazomethylketones. <i>Synthetic Communications</i> , 1997, 27, 3637-3655.	1.1	3
125	Sodium Bismuthate-Induced Oxidation of Baccatin. <i>Synthetic Communications</i> , 2005, 35, 3065-3067.	1.1	3
126	Microwave-Assisted Ruthenium Trichloride-Catalyzed Synthesis Of Pyrrole Fused With Indole System In Water. <i>Heterocyclic Communications</i> , 2009, 15, .	0.6	3

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127	Stereoselectivity Of 3,3-Disubstituted β -Lactam Formation Via Staudinger Reaction. Heterocyclic Communications, 2009, 15, .	0.6	2
128	Diastereoselective synthesis of novel 3-aryloxy/alkoxy-4-benzothiazolylpyrazolyl- β -lactams: Potential synthons for novel aminoacids/nanocopolymers. Synthetic Communications, 2017, 47, 1955-1962.	1.1	2
129	Solid Phase Synthesis of β -Lactams: Results and Scope. , 2017, , 253-283.		2
130	Chemoenzymatic preparation of intermediates for the taxol side chain and analogs. Molecular Medicine Reports, 2010, 3, 317-8.	1.1	2
131	Role of imine isomerization in the stereocontrol of the Staudinger reaction between ketenes and imines. RSC Advances, 2021, 12, 104-117.	1.7	1
132	A Novel Synthesis of Densely Functionalized 3,4- β -Lactam Fused 1,4-Oxazepane via Tandem-7-exo-trig Intramolecular Oxa-Michael Reaction. Moscow University Chemistry Bulletin, 2022, 77, 117-124.	0.2	1
133	A Remarkable Bismuth Nitrate Catalyzed Protection of Carbonyl Compounds.. ChemInform, 2003, 34, no.	0.1	0
134	Bismuth Nitrate Catalyzed Versatile Michael Reactions.. ChemInform, 2003, 34, no.	0.1	0
135	Simple Synthesis of Substituted Pyrroles.. ChemInform, 2004, 35, no.	0.1	0
136	Samarium/N-Bromosuccinimide-Induced Reductive Dimerization of Carbonyl Compounds.. ChemInform, 2005, 36, no.	0.1	0
137	A Remarkable Iodine-Catalyzed Protection of Carbonyl Compounds.. ChemInform, 2005, 36, no.	0.1	0
138	Iodine-Catalyzed Highly Efficient Michael Reaction of Indoles under Solvent-Free Condition.. ChemInform, 2005, 36, no.	0.1	0
139	A Straightforward Highly Efficient Paal-Knorr Synthesis of Pyrroles.. ChemInform, 2005, 36, no.	0.1	0
140	An intramolecular oxa-Michael addition on prebuilt β -lactam tethered α, β -unsaturated ester: A remarkable synthesis of a unique scaffold of 2,3-fused β -lactam-1,4-dioxepane. Journal of the Indian Chemical Society, 2021, 98, 100010.	1.3	0