Matthias D'hooghe

List of Publications by Year
in descending order

151 papers	4,463 citations	126858 33 h-index	143943 57 g-index
159 all docs	159 docs citations	159 times ranked	3717 citing authors

#	Article	IF	Citations
1	Identification of mercaptoacetamide-based HDAC6 inhibitors via a lean inhibitor strategy: screening, synthesis, and biological evaluation. Chemical Communications, 2022, 58, 6239-6242.	2.2	8
2	Carboxylic Acid Bioisosteres in Medicinal Chemistry: Synthesis and Properties. Journal of Chemistry, 2022, 2022, 1-21.	0.9	16
3	Evolution of Phosphorylases from N-Acetylglucosaminide Hydrolases in Family GH3. ACS Catalysis, 2021, 11, 6225-6233.	5.5	7
4	Recent contributions of quinolines to antimalarial and anticancer drug discovery research. European Journal of Medicinal Chemistry, 2021, 226, 113865.	2.6	31
5	Unexpected formation of 2,2â€dichloroâ€Nâ€(chloromethyl)acetamides during attempted Staudinger 2,2â€dichloroâ€Î²â€lactam synthesis. European Journal of Organic Chemistry, 2021, 2021, 5823.	1.2	0
6	Synthesis and Penicillinâ€binding Protein Inhibitory Assessment of Dipeptidic 4â€Phenylâ€Î²â€lactams from Î±â€Amino Acidâ€derived Imines. Chemistry - an Asian Journal, 2020, 15, 51-55.	1.7	3
7	Design and synthesis of novel ferrocene-quinoline conjugates and evaluation of their electrochemical and antiplasmodium properties. European Journal of Medicinal Chemistry, 2020, 187, 111963.	2.6	24
8	Synthesis of Novel Nitroxoline Analogs with Potent Cathepsin B Exopeptidase Inhibitory Activity. ChemMedChem, 2020, 15, 2477-2490.	1.6	6
9	Expedient Synthesis of Lupulones and Their Derivatization to 2,8â€7Hâ€Dihydrochromenâ€7â€ones. ChemistryOpen, 2020, 9, 442-444.	0.9	4
10	Synthesis and biological evaluation of novel quinoline-piperidine scaffolds as antiplasmodium agents. European Journal of Medicinal Chemistry, 2020, 198, 112330.	2.6	26
11	Synthesis of 1,4â€Thiazepaneâ€Based Curcuminoids with Promising Anticancer Activity. Chemistry - A European Journal, 2019, 25, 12583-12600.	1.7	10
12	Synthesis of Indolineâ€Based Benzhydroxamic Acids as Potential HDAC6 Inhibitors. ChemistrySelect, 2019, 4, 12308-12312.	0.7	1
13	Î±â€Unsaturated 3â€Aminoâ€1â€carboxymethylâ€Î²â€lactams as Bacterial PBP Inhibitors: Synthesis and Biochemical Assessment. Chemistry - A European Journal, 2019, 25, 16128-16140.	1.7	10
14	Electrophilic Bromination in Flow: A Safe and Sustainable Alternative to the Use of Molecular Bromine in Batch. Molecules, 2019, 24, 2116.	1.7	15
15	Selective pharmacological inhibitors of HDAC6 reveal biochemical activity but functional tolerance in cancer models. International Journal of Cancer, 2019, 145, 735-747.	2.3	60
16	Synthesis of Nonâ€Symmetrical Nitrogenâ€Containing Curcuminoids in the Pursuit of New Anticancer Candidates. ChemistryOpen, 2019, 8, 236-247.	0.9	12
17	Deployment of Aziridines for the Synthesis of Alkaloids and Their Derivatives. Synthesis, 2019, 51, 1491-1515.	1.2	27
18	Synthesis and cytotoxic evaluation of monocarbonyl curcuminoids and their pyrazoline derivatives. Monatshefte FÃ¼r Chemie, 2019, 150, 2045-2051.	0.9	8

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19	Exploring the sequence diversity in glycoside hydrolase family 13_18 reveals a novel glucosylglycerol phosphorylase. Applied Microbiology and Biotechnology, 2018, 102, 3183-3191.	1.7	17
20	Formation of Fluorinated Amido Esters through Unexpected C3â^'C4 Bond Fission in 4â€Trifluoromethylâ€3â€oxoâ€Î²â€lactams. Chemistry - an Asian Journal, 2018, 13, 421-431.	1.7	4
21	Synthesis and reactivity of 4-(trifluoromethyl)azetidin-2-ones. Monatshefte FÃ¼r Chemie, 2018, 149, 687-700.	0.9	6
22	Theoretical insight into the regioselective ring-expansions of bicyclic aziridinium ions. Organic and Biomolecular Chemistry, 2018, 16, 796-806.	1.5	16
23	Use of 3-Hydroxy-4-(trifluoromethyl)azetidin-2-ones as Building Blocks for the Preparation of Trifluoromethyl-Containing Aminopropanes, 1,3-Oxazinan-2-ones, Aziridines, and 1,4-Dioxan-2-ones. Synthesis, 2018, 50, 1439-1456.	1.2	11
24	Antibacterial and Î²â€Lactamase Inhibitory Activity of Monocyclic Î²â€Lactams. Medicinal Research Reviews, 2018, 38, 426-503.	5.0	73
25	Chemoenzymatic Approach toward the Synthesis of 3-O-(Î±/Î²)-Glucosylated 3-Hydroxy-Î²-lactams. ACS Omega, 2018, 3, 15235-15245.	1.6	11
26	Assessment of the trifluoromethyl ketone functionality as an alternative zinc-binding group for selective HDAC6 inhibition. MedChemComm, 2018, 9, 1011-1016.	3.5	4
27	Synthesis of Novel Azaâ€aromatic Curcuminoids with Improved Biological Activities towards Various Cancer Cell Lines. ChemistryOpen, 2018, 7, 381-392.	0.9	22
28	In Silico Design and Enantioselective Synthesis of Functionalized Monocyclic 3â€Aminoâ€1â€carboxymethylâ€Î²â€lactams as Inhibitors of Penicillinâ€Binding Proteins of Resistant Bacteria. Chemistry - A European Journal, 2018, 24, 15254-15266.	1.7	13
29	Concise Synthesis of 3-(Aminomethyl)pyrrolizidines via an In(OTf)3-Mediated Ring Rearrangement of 2-[2-(1-Pyrrolin-2-yl)-alkyl]aziridines. Synthesis, 2017, 49, 2215-2222.	1.2	5
30	Synthesis and applications of benzohydroxamic acid-based histone deacetylase inhibitors. European Journal of Medicinal Chemistry, 2017, 135, 174-195.	2.6	44
31	Cobalt carbonyl-catalyzed carbonylation of functionalized aziridines to versatile Î²-lactam building blocks. Organic and Biomolecular Chemistry, 2017, 15, 4816-4821.	1.5	21
32	LiAlH₄â€Induced Thiaâ€Azaâ€Payne Rearrangement of Functionalized 2â€(Thiocyanatomethyl)aziridines into 2â€(Aminomethyl)thiiranes as an Entry to 5â€(Chloromethyl)thiazolidinâ€2â€ones. European Journal of Organic Chemistry, 2017, 2017, 3229-3233.	1.2	9
33	Synthetic Approaches toward Monocyclic 3â€Aminoâ€Î²â€lactams. ChemistryOpen, 2017, 6, 301-319.	0.9	38
34	Exploration of thiaheterocyclic hHDAC6 inhibitors as potential antiplasmodial agents. Future Medicinal Chemistry, 2017, 9, 357-364.	1.1	17
35	Reactivity of 3â€Oxoâ€Î²â€lactams with Respect to Primary Aminesâ€"An Experimental and Computational Approach. Chemistry - A European Journal, 2017, 23, 18002-18009.	1.7	8
36	Asymmetric Synthesis of 3,4-Disubstituted 2-(Trifluoromethyl)pyrrolidines through Rearrangement of Chiral 2-(2,2,2-Trifluoro-1-hydroxyethyl)azetidines. Journal of Organic Chemistry, 2017, 82, 10092-10109.	1.7	13

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37	Synthesis of novel 4-ferrocenyl-1,2,3,4-tetrahydroquinolines and 4-ferrocenylquinolines via Î±-ferrocenyl carbenium ions as key intermediates. Tetrahedron, 2017, 73, 6268-6274.	1.0	18
38	Synthesis of bis-8-hydroxyquinolines via an imination or a Suzuki-Miyaura coupling approach. Tetrahedron Letters, 2017, 58, 3803-3807.	0.7	2
39	Carbonylation of Aziridines as a Powerful Tool for the Synthesis of Functionalized Î²â€Lactams. European Journal of Organic Chemistry, 2017, 2017, 5943-5960.	1.2	29
40	Synthesis of Potent and Selective HDAC6 Inhibitors Bearing a Cyclohexaneâ€•or Cycloheptaneâ€Annulated 1,5â€Benzothiazepine Scaffold. Chemistry - A European Journal, 2017, 23, 128-136.	1.7	28
41	Use of Î±,Ï‰-Dichloroketimine Building Blocks for the Construction of 1-Azabicyclo[3.1.0]hexanes, Piperidines, Pyridines, Pyrroles, and Tetrahydroindoles. Synlett, 2017, 28, 207-213.	1.0	2
42	Recent Progress in the Use of Functionalized Î²-Lactams as Building Blocks in Heterocyclic Chemistry. Progress in Heterocyclic Chemistry, 2016, 28, 27-55.	0.5	4
43	Front Cover Picture: Bicyclic Aziridinium Ions in Azaheterocyclic Chemistry - Preparation and Synthetic Application of 1-Azoniabicyclo[n.1.0]alkanes (Adv. Synth. Catal. 22/2016). Advanced Synthesis and Catalysis, 2016, 358, 3483-3483.	2.1	9
44	Synthesis and Applications of 3â€Methyleneâ€4â€(trifluoromethyl)azetidinâ€2â€•ones as Building Blocks for the Preparation of Monoâ€•and Spirocyclic 4â€CF₃â€Î²â€Lactams. Asian Journal of Organic Chemistry, 2016, 5, 1480-1491.	1.3	14
45	Synthesis of novel curcuminoids accommodating a central Î²-enaminone motif and their impact on cell growth and oxidative stress. European Journal of Medicinal Chemistry, 2016, 123, 727-736.	2.6	22
46	Diastereoselective synthesis of 3-acetoxy-4-(3-aryloxiran-2-yl)azetidin-2-ones and their transformation into 3,4-oxolane-fused bicyclic Î²-lactams. Organic and Biomolecular Chemistry, 2016, 14, 11279-11288.	1.5	10
47	Bicyclic Aziridinium Ions in Azaheterocyclic Chemistry â€“ Preparation and Synthetic Application of 1â€Azoniabicyclo[n.1.0]alkanes. Advanced Synthesis and Catalysis, 2016, 358, 3485-3511.	2.1	43
48	Synthesis and biological assessment of novel N -(hydroxy/methoxy)alkyl Î²-enaminone curcuminoids. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5650-5656.	1.0	13
49	A nitrilase-mediated entry to 4-carboxymethyl-Î²-lactams from chemically prepared 4-(cyanomethyl)azetidin-2-ones. RSC Advances, 2016, 6, 54573-54579.	1.7	7
50	LiAlH₄â€Induced Selective Ring Rearrangement of 2â€(2â€Cyanoethyl)aziridines toward 2â€(Aminomethyl)pyrrolidines and 3â€Aminopiperidines as Eligible Heterocyclic Building Blocks. Chemistry - A European Journal, 2016, 22, 4945-4951.	1.7	21
51	Synthesis of Trifluoromethylated Azetidines, Aminopropanes, 1,3-Oxazinanes, and 1,3-Oxazinan-2-ones Starting from 4-Trifluoromethyl-Î²-lactam Building Blocks. Synlett, 2016, 27, 1100-1105.	1.0	20
52	Synthesis and cytotoxic evaluation of novel indenoisoquinoline-propan-2-ol hybrids. Tetrahedron Letters, 2016, 57, 466-471.	0.7	12
53	Deployment of Small-Ring Azaheterocycles as Building Blocks for the Synthesis of Organofluorine Compounds. Synlett, 2016, 27, 1486-1510.	1.0	32
54	Converting bulk sugars into prebiotics: semi-rational design of a transglucosylase with controlled selectivity. Chemical Communications, 2016, 52, 3687-3689.	2.2	36

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55	Synthesis and SAR assessment of novel Tubathian analogs in the pursuit of potent and selective HDAC6 inhibitors. Organic and Biomolecular Chemistry, 2016, 14, 2537-2549.	1.5	21
56	Synthesis of 2-aryl-3-(2-cyanoethyl)aziridines and their chemical and enzymatic hydrolysis towards Î³-lactams and Î³-lactones. Organic and Biomolecular Chemistry, 2015, 13, 2716-2725.	1.5	13
57	Synthesis and Antimicrobial/Cytotoxic Assessment of Ferrocenyl Oxazinanes, Oxazinan-2-ones, and Tetrahydropyrimidin-2-ones. Synlett, 2015, 26, 1195-1200.	1.0	13
58	Synthesis of benzothiophene-based hydroxamic acids as potent and selective HDAC6 inhibitors. Chemical Communications, 2015, 51, 9868-9871.	2.2	28
59	Expedient stereoselective synthesis of new dihydropyrano- and dihydrofuranonaphthoquinones. Tetrahedron Letters, 2015, 56, 2422-2425.	0.7	20
60	Synthesis and cytotoxic evaluation of novel dihydrobenzo[h]cinnoline-5,6-diones. Tetrahedron Letters, 2015, 56, 5855-5858.	0.7	13
61	Synthesis of functionalized 3-, 5-, 6- and 8-aminoquinolines via intermediate (3-pyrrolin-1-yl)- and (2-oxopyrrolidin-1-yl)quinolines and evaluation of their antiplasmodial and antifungal activity. European Journal of Medicinal Chemistry, 2015, 92, 91-102.	2.6	27
62	Quinoline-based antimalarial hybrid compounds. Bioorganic and Medicinal Chemistry, 2015, 23, 5098-5119.	1.4	177
63	Synthesis and cytotoxic evaluation of novel amideâ€“triazole-linked triterpenoidâ€“AZT conjugates. Tetrahedron Letters, 2015, 56, 218-224.	0.7	32
64	Synthesis of Novel Thymine-Î²-lactam Hybrids and Evaluation of Their Antitumor Activity. Synthesis, 2014, 46, 2436-2444.	1.2	9
65	Nucleophileâ€Dependent Regioâ€and Stereoselective Ring Opening of 1â€Azoniabicyclo[3.1.0]hexane Tosylate. Chemistry - an Asian Journal, 2014, 9, 1060-1067.	1.7	34
66	Synthesis of halogenated 4-quinolones and evaluation of their antiplasmodial activity. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1214-1217.	1.0	19
67	Selective Synthesis of cis- and trans-2-(Methyl/phenyl)-3-(trifluoromethyl)aziridines and Their Regio- and Stereospecific Ring Opening. Journal of Organic Chemistry, 2014, 79, 5558-5568.	1.7	47
68	Selective Synthesis of Functionalized Trifluoromethylated Pyrrolidines, Piperidines, and Azepanes Starting from 1â€Tosylâ€2â€(trifluoromethyl)aziridine. Chemistry - A European Journal, 2014, 20, 10650-10653.	1.7	31
69	Discovery of anxiolytic 2-ferrocenyl-1,3-thiazolidin-4-ones exerting GABAA receptor interaction via the benzodiazepine-binding site. European Journal of Medicinal Chemistry, 2014, 83, 57-73.	2.6	28
70	Potent and selective HDAC6 inhibitory activity of N-(4-hydroxycarbamoylbenzyl)-1,2,4,9-tetrahydro-3-thia-9-azafluorenes as novel sulfur analogues of Tubastatin A. Chemical Communications, 2013, 49, 3775.	2.2	27
71	Synthesis and antiplasmodial evaluation of aziridineâ€“(iso)quinoline hybrids and their ring-opening products. MedChemComm, 2013, 4, 724.	3.5	27
72	Synthesis of 2-aminomethyl-4-phenyl-1-azabicyclo[2.2.1]heptanes via LiAlH4-induced reductive cyclization of 2-(4-chloro-2-cyano-2-phenylbutyl)aziridines and evaluation of their antimalarial activity. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 1507-1510.	1.0	8

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73	A convenient approach towards the 1-aminomethyl-1-fluorocycloalkane scaffold. Tetrahedron Letters, 2013, 54, 6110-6113.	0.7	11
74	Synthesis and antiplasmodial evaluation of novel (4-aminobutyloxy)quinolines. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 318-322.	1.0	19
75	Epihalohydrins in Organic Synthesis. Chemical Reviews, 2013, 113, 1441-1498.	23.0	73
76	Synthesis of piperidin-4-ones starting from 2-(2-bromo-1,1-dimethylethyl)azetidines and 2-(2-mesyloxyethyl)azetidines through a ring expansionâ€“oxidation protocol. Tetrahedron, 2013, 69, 2603-2607.	1.0	6
77	Synthesis of 2â€Hydroxyâ€1,4â€oxazinâ€3â€ones through Ring Transformation of 3â€Hydroxyâ€4â€(1,2â€dihydroxyethyl)â€Î²â€lactams and a Study of Their Reactivity. Chemistry - A European Journal, 2013, 19, 3383-3396.	1.7	20
78	Nucleophileâ€Directed Selective Transformation of cisâ€1â€Tosylâ€2â€tosyloxymethylâ€3â€(trifluoromethyl)aziridine into Aziridines, Azetidines, and Benzoâ€Fused Dithianes, Oxathianes, Dioxanes, and (Thio)morpholines. Chemistry - A European Journal, 2013, 19, 5966-5971.	1.7	46
79	Exploration of aziridine- and Î²-lactam-based hybrids as both bioactive substances and synthetic intermediates in medicinal chemistry. Bioorganic and Medicinal Chemistry, 2013, 21, 3643-3647.	1.4	43
80	Application of 3-Bromo-3-ethylazetidines and 3-Ethylideneazetidines for the Synthesis of Functionalized Azetidines. Synlett, 2013, 25, 75-80.	1.0	5
81	Asymmetric synthesis of 4-formyl-1-(Ï‰-haloalkyl)-Î²-lactams and their transformation to functionalized piperazines and 1,4-diazepanes. Tetrahedron, 2012, 68, 10827-10834.	1.0	28
82	Solvent-Controlled Selective Transformation of 2-Bromomethyl-2-methylaziridines to Functionalized Aziridines and Azetidines. Journal of Organic Chemistry, 2012, 77, 3181-3190.	1.7	26
83	Synthesis of Stereodefined 3,4-Disubstituted Piperidines through Rearrangement of 2-(2-Bromo-1,1-dimethylethyl)azetidines. Heterocycles, 2012, 84, 431.	0.4	11
84	Design, Synthesis, and Antiviral Evaluation of Purine-Î²-lactam and Purine-aminopropanol Hybrids. Journal of Medicinal Chemistry, 2012, 55, 5637-5641.	2.9	59
85	N-Heterocyclic carbene/BrÃ¸nsted acid cooperative catalysis as a powerful tool in organic synthesis. Beilstein Journal of Organic Chemistry, 2012, 8, 398-402.	1.3	28
86	Regioselectivity in the ring opening of non-activated aziridines. Chemical Society Reviews, 2012, 41, 643-665.	18.7	401
87	Synthesis of 1-Alkyl-2-(trifluoromethyl)azetidines and Their Regiospecific Ring Opening toward Diverse Î±-(Trifluoromethyl)Amines via Intermediate Azetidinium Salts. Journal of Organic Chemistry, 2012, 77, 5982-5992.	1.7	48
88	Synthesis of 3-functionalized 3-methylazetidines. Tetrahedron Letters, 2012, 53, 107-110.	0.7	11
89	Straightforward synthesis of 1-alkyl-2-(trifluoromethyl)aziridines starting from 1,1,1-trifluoroacetone. Organic and Biomolecular Chemistry, 2011, 9, 7217.	1.5	32
90	Synthesis of 3-Methoxyazetidines via an Aziridine to Azetidine Rearrangement and Theoretical Rationalization of the Reaction Mechanism. Journal of Organic Chemistry, 2011, 76, 2157-2167.	1.7	42

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91	Stereoselective Synthesis of cis-3,4-Disubstituted Piperidines through Ring Transformation of 2-(2-Mesyloxyethyl)azetidines. Journal of Organic Chemistry, 2011, 76, 8364-8375.	1.7	33
92	Reactivity of Activated versus Nonactivated 2-(Bromomethyl)aziridines with respect to Sodium Methoxide: A Combined Computational and Experimental Study. Journal of Organic Chemistry, 2011, 76, 8698-8709.	1.7	17
93	Synthesis of 2-amino-3-arylpropan-1-ols and 1-(2,3-diaminopropyl)-1,2,3-triazoles and evaluation of their antimalarial activity. Beilstein Journal of Organic Chemistry, 2011, 7, 1745-1752.	1.3	28
94	Synthesis of 2-(aminomethyl)aziridines and their microwave-assisted ring opening to 1,2,3-triaminopropanes as novel antimalarial pharmacophores. European Journal of Medicinal Chemistry, 2011, 46, 579-587.	2.6	31
95	Synthesis and reactivity of spiro-fused Î²-lactams. Tetrahedron, 2011, 67, 1989-2012.	1.0	64
96	Synthesis and reactivity of non-activated 2-(chloromethyl)aziridines. Tetrahedron Letters, 2011, 52, 4529-4532.	0.7	13
97	Microwave-assisted regioselective ring opening of non-activated aziridines by lithium aluminium hydride. Organic and Biomolecular Chemistry, 2010, 8, 4266.	1.5	20
98	Synthesis of 3,4â€Fused Bicyclic Î²â€Lactams and Their Transformation into Methyl cisâ€3â€Aminotetrahydrofuranâ€2â€carboxylates. European Journal of Organic Chemistry, 2010, 2010, 352-358.	1.2	27
99	Systematic Study of Halideâ€Induced Ring Opening of 2â€Substituted Aziridinium Salts and Theoretical Rationalization of the Reaction Pathways. European Journal of Organic Chemistry, 2010, 2010, 4920-4931.	1.2	63
100	Use of functionalized Î²-lactams as building blocks in heterocyclic chemistry. Pure and Applied Chemistry, 2010, 82, 1749-1759.	0.9	42
101	Opposite Regiospecific Ring Opening of 2-(Cyanomethyl)aziridines by Hydrogen Bromide and Benzyl Bromide: Experimental Study and Theoretical Rationalization. Journal of Organic Chemistry, 2010, 75, 4530-4541.	1.7	56
102	Intramolecular Ï€âˆ'Ï€ Stacking Interactions in 2-Substituted N,N-Dibenzylaziridinium Ions and Their Regioselectivity in Nucleophilic Ring-Opening Reactions. Journal of Organic Chemistry, 2010, 75, 885-896.	1.7	66
103	Synthesis of Stereodefined Piperidines from Aziridines and Their Transformation into Conformationally Constrained Amino Acids, Amino Alcohols and 2,7-Diazabicyclo[3.3.1]nonanes. Journal of Organic Chemistry, 2010, 75, 7734-7744.	1.7	35
104	Stereoselective synthesis of trans- and cis-2-aryl-3-(hydroxymethyl)aziridines through transformation of 4-aryl-3-chloro-Î²-lactams and study of their ring opening. Organic and Biomolecular Chemistry, 2010, 8, 607-615.	1.5	32
105	Stereoselective Synthesis of Chiral 4-(1-Chloroalkyl)-Î²-Lactams Starting from Amino Acids and Their Transformation into Functionalized Chiral Azetidines and Pyrrolidines. Journal of Organic Chemistry, 2010, 75, 5934-5940.	1.7	40
106	Rhodium-catalysed hydroformylation of N-(2-propenyl)-Î²-lactams as a key step in the synthesis of functionalised N-[4-(2-oxoazetidin-1-yl)but-1-enyl]acetamides. New Journal of Chemistry, 2010, 34, 1079.	1.4	19
107	Synthesis of 2-[(Arylmethylene)amino]cyclopropanecarbonitriles via a Two-Step Ring Transformation of 2-(Cyanomethyl)aziridines. Synthesis, 2009, 2009, 1105-1112.	1.2	4
108	Synthesis of 2-(3-hydroxy-2-methyl-1-alkenyl)-1-pyrrolines and 2-(3-hydroxybutyl)-1-pyrroline using Î±-lithiated 2-methyl-1-pyrroline. Tetrahedron, 2009, 65, 3753-3756.	1.0	2

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109	One-Pot Synthesis of 3,3-Dimethylpyrrolidine-2-carbonitriles from 4-Chloro-2,2-dimethylbutanal in Water. Heterocycles, 2009, 77, 255.	0.4	3
110	Diastereoselective Synthesis of Bicyclic Î³-Lactams via Ring Expansion of Monocyclic Î²-Lactams. Journal of Organic Chemistry, 2009, 74, 1644-1649.	1.7	59
111	A new entry into cis-3-amino-2-methylpyrrolidines viaring expansion of 2-(2-hydroxyethyl)-3-methylaziridines. Organic and Biomolecular Chemistry, 2009, 7, 135-141.	1.5	23
112	Nucleophile-dependent regioselective ring opening of 2-substituted N,N-dibenzylaziridinium ions: bromide versus hydride. Chemical Communications, 2009, , 2508.	2.2	37
113	A new approach towards 1-phenyl and 1-benzyl substituted 2-(aminomethyl)cyclopropanecarboxamides as novel derivatives of the antidepressant Milnacipran. Organic and Biomolecular Chemistry, 2009, 7, 3271.	1.5	23
114	Synthesis and Reactivity of 3-Haloazetidines and 3-Sulfonyloxyazetidines: A Review. Current Organic Chemistry, 2009, 13, 829-853.	0.9	17
115	Reduction of 5-(bromomethyl)-1-pyrrolinium bromides to 2-(bromomethyl)pyrrolidines and their transformation into piperidin-3-ones through an unprecedented ring expansion-oxidation protocol. Tetrahedron Letters, 2008, 49, 6039-6042.	0.7	14
116	Highly Stereoselective Synthesis of Î²â€Lactams Utilizing Î±â€Chloroimines as New and Powerful Chiral Inductors. Chemistry - A European Journal, 2008, 14, 6336-6340.	1.7	28
117	Novel synthesis of 2-aminopentanedinitriles from 2-(bromomethyl)aziridines and their transformation into 2-imino-5-methoxypyrrolidines and 5-methoxypyrrolidin-2-ones. Tetrahedron, 2008, 64, 1064-1070.	1.0	16
118	Synthesis of trans-4-aryl-3-(3-chloropropyl)azetidin-2-ones and their transformation into trans- and cis-2-arylpiperidine-3-carboxylates. Tetrahedron, 2008, 64, 4575-4584.	1.0	27
119	Synthesis and synthetic applications of 2-amino-3-halo-1-oxypropanes. Tetrahedron, 2008, 64, 3275-3285.	1.0	16
120	Reactivity of N-(ï‰-haloalkyl)-Î²-lactams with regard to lithium aluminium hydride: novel synthesis of 1-(1-aryl-3-hydroxypropyl)aziridines and 3-aryl-3-(N-propylamino)propan-1-ols. Organic and Biomolecular Chemistry, 2008, 6, 1190.	1.5	19
121	Electrophile-induced bromocyclization of Î³,Î´-unsaturated ketimines to intermediate 1-pyrrolinium salts and their selective conversion into novel 5-alkoxymethyl-2-aryl-3-chloropyrroles and 2-aroylpyrroles. Organic and Biomolecular Chemistry, 2008, 6, 3667.	1.5	9
122	Synthesis of Novel 3-Oxopiperidin-2-ones from Methyl 2-Alkoxy-5-amino-2-pentenoates. Synlett, 2008, 2008, 1961-1964.	1.0	3
123	Synthesis and Reactivity of Novel Î±,Î±,Î²- and Î±,Î±,Î´-Trichlorinated Imines. Synlett, 2008, 2008, 2437-2442.	1.0	1
124	Stereospecific aziridination of olefins via electrophile-induced cyclization of Î³,Î´-unsaturated imines and subsequent hydrolytic rearrangement. Chemical Communications, 2007, , 1927-1929.	2.2	8
125	Novel Synthesis of 3,4-Diaminobutanenitriles and 4-Amino-2-butenenitriles from 2-(Cyanomethyl)aziridines through Intermediate Aziridinium Salts:Â An Experimental and Theoretical Approach. Journal of Organic Chemistry, 2007, 72, 4733-4740.	1.7	30
126	Synthesis of 1-Arylmethyl-2-(2-cyanoethyl)aziridines and Their Rearrangement into Novel 2-(Aminomethyl)cyclopropanecarbonitriles. Journal of Organic Chemistry, 2007, 72, 7329-7332.	1.7	33

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127	Highly unusual conversion of 1-alkyl-2-(bromomethyl)aziridines into 1-alkyl-2-(N-alkyl-N-ethylaminomethyl)aziridines using methyllithium. Chemical Communications, 2007, , 1275.	2.2	15
128	Ring opening of 2-(cyanomethyl)aziridines by acid chlorides: synthesis of novel 4-amino-2-butenenitrile derivatives through intermediate aziridinium salts. Tetrahedron Letters, 2007, 48, 1771-1774.	0.7	21
129	Synthesis and Reactivity ofC-Heteroatom-Substituted Aziridines. Chemical Reviews, 2007, 107, 2080-2135.	23.0	406
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