Jonathan Clayden

List of Publications by Year in descending order

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311 papers	11,915 citations	29994 54 h-index	54797 84 g-index
384 all docs	384 docs citations	384 times ranked	6357 citing authors

#	Article	IF	Citations
1	The Challenge of Atropisomerism in Drug Discovery. Angewandte Chemie - International Edition, 2009, 48, 6398-6401.	7.2	607
2	Ultra-remote stereocontrol by conformational communication of information along a carbon chain. Nature, 2004, 431, 966-971.	13.7	204
3	Barriers to rotation about the chiral axis of tertiary aromatic amides. Tetrahedron, 1998, 54, 13277-13294.	1.0	180
4	Asymmetric synthesis of tertiary thiols and thioethers. Beilstein Journal of Organic Chemistry, 2011, 7, 582-595.	1.3	178
5	Quaternary centres bearing nitrogen (Î±-tertiary amines) as products of molecular rearrangements. Chemical Communications, 2011, 47, 4624.	2.2	174
6	Dynamic foldamer chemistry. Chemical Communications, 2016, 52, 4852-4863.	2.2	150
7	Non-Biaryl Atropisomers: New Classes of Chiral Reagents, Auxiliaries, and Ligands?. Angewandte Chemie International Edition in English, 1997, 36, 949-951.	4.4	149
8	Conformational photoswitching of a synthetic peptide foldamer bound within a phospholipid bilayer. Science, 2016, 352, 575-580.	6.0	149
9	Atropisomeric Amides as Chiral Ligands:Â Using (â^')-Sparteine-Directed Enantioselective Silylation to Control the Conformation of a Stereogenic Axis. Journal of Organic Chemistry, 2000, 65, 7033-7040.	1.7	136
10	Substituted Diarylmethylamines by Stereospecific Intramolecular Electrophilic Arylation of Lithiated Ureas. Journal of the American Chemical Society, 2007, 129, 7488-7489.	6.6	135
11	The Urea Renaissance. Angewandte Chemie - International Edition, 2011, 50, 12148-12155.	7.2	116
12	Ligand-modulated conformational switching in a fully synthetic membrane-bound receptor. Nature Chemistry, 2017, 9, 420-425.	6.6	110
13	Concerted Rotation in a Tertiary Aromatic Amide: Towards a Simple Molecular Gear. Angewandte Chemie - International Edition, 1998, 37, 1937-1939.	7.2	108
14	Transmission of stereochemical information over nanometre distances in chemical reactions. Chemical Society Reviews, 2009, 38, 817-829.	18.7	108
15	Foldamerâ€Mediated Remote Stereocontrol: >1,60 Asymmetric Induction. Angewandte Chemie - International Edition, 2014, 53, 151-155.	7.2	108
16	Mediumâ€Ring Nitrogen Heterocycles through Migratory Ring Expansion of Metalated Ureas. Angewandte Chemie - International Edition, 2016, 55, 11153-11157.	7.2	108
17	End-to-end conformational communication through a synthetic purinergic receptor by ligand-induced helicity switching. Nature Chemistry, 2013, 5, 853-860.	6.6	105
18	Asymmetric Î±-arylation of amino acids. Nature, 2018, 562, 105-109.	13.7	105

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19	Atropisomers and near-atropisomers: achieving stereoselectivity by exploiting the conformational preferences of aromatic amides. Chemical Communications, 2004, , 127.	2.2	104
20	Controlling Axial Conformation in 2-Arylpyridines and 1-Arylisoquinolines: Application to the Asymmetric Synthesis of QUINAP by Dynamic Thermodynamic Resolution. Journal of the American Chemical Society, 2009, 131, 5331-5343.	6.6	103
21	Lithiumâ^'Sulfoxideâ^'Lithium Exchange for the Asymmetric Synthesis of Atropisomers under Thermodynamic Control. Journal of the American Chemical Society, 2002, 124, 5266-5267.	6.6	101
22	Quantifying Endâ€toâ€End Conformational Communication of Chirality through an Achiral Peptide Chain. Angewandte Chemie - International Edition, 2009, 48, 5962-5965.	7.2	101
23	Chemistry of domoic acid, isodomoic acids, and their analogues. Tetrahedron, 2005, 61, 5713-5724.	1.0	94
24	Î±-Pyridylation of Chiral Amines via Urea Coupling, Lithiation and Rearrangement. Organic Letters, 2008, 10, 3567-3570.	2.4	90
25	Biocatalytic Dynamic Kinetic Resolution for the Synthesis of Atropisomeric Biaryl Nâ€Oxide Lewis Base Catalysts. Angewandte Chemie - International Edition, 2016, 55, 10755-10759.	7.2	87
26	The Synthesis of (â^')-Isodomoic Acid C. Journal of the American Chemical Society, 2005, 127, 2412-2413.	6.6	84
27	Pathways for decomposition of THF by organolithiums: the role of HMPA. New Journal of Chemistry, 2002, 26, 191-192.	1.4	81
28	Stereodynamics of Bond Rotation in Tertiary Aromatic Amides. Chemistry - A European Journal, 2002, 8, 1279-1289.	1.7	81
29	Stereocontrol with Rotationally Restricted Amides. Synlett, 1998, 1998, 810-816.	1.0	80
30	Induction of Unexpected Leftâ€Handed Helicity by an Nâ€Terminal <scp>L</scp>â€Amino Acid in an Otherwise Achiral Peptide Chain. Angewandte Chemie - International Edition, 2012, 51, 1395-1399.	7.2	79
31	Helix Persistence and Breakdown in Oligoureas of Metaphenylenediamine: Apparent Diastereotopicity as a Spectroscopic Marker of Helix Length in Solution. Journal of the American Chemical Society, 2008, 130, 15193-15202.	6.6	75
32	Measuring Screw-Sense Preference in a Helical Oligomer by Comparison of ¹³C NMR Signal Separation at Slow and Fast Exchange. Journal of the American Chemical Society, 2011, 133, 3712-3715.	6.6	74
33	Biocatalytic Desymmetrization of an Atropisomer with both an Enantioselective Oxidase and Ketoreductases. Angewandte Chemie - International Edition, 2010, 49, 7010-7013.	7.2	73
34	The Twisted Amide 2-Quinuclidone: 60 Years in the Making. Angewandte Chemie - International Edition, 2006, 45, 7118-7120.	7.2	72
35	Three Groups Good, Four Groups Bad? Atropisomerism inortho-Substituted Diaryl Ethers. Angewandte Chemie - International Edition, 2006, 45, 5803-5807.	7.2	71
36	Refoldable Foldamers: Global Conformational Switching by Deletion or Insertion of a Single Hydrogen Bond. Angewandte Chemie - International Edition, 2016, 55, 2132-2136.	7.2	71

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37	Length-Dependent Formation of Transmembrane Pores by 3₁₀-Helical Î±-Aminoisobutyric Acid Foldamers. Journal of the American Chemical Society, 2016, 138, 688-695.	6.6	71
38	Atroposelectivity in the reactions of ortholithiated aromatic tertiary amides with aldehydes. Journal of the Chemical Society Perkin Transactions 1, 1997, , 2607-2616.	0.9	70
39	N- versus C-Terminal Control over the Screw-Sense Preference of the Configurationally Achiral, Conformationally Helical Peptide Motif Aib₈GlyAib₈. Journal of the American Chemical Society, 2010, 132, 4548-4549.	6.6	69
40	Mediumâ€Sizedâ€Ring Analogues of Dibenzodiazepines by a Conformationally Induced Smiles Ring Expansion. Angewandte Chemie - International Edition, 2017, 56, 14602-14606.	7.2	68
41	Conformationally Interlocked Amides: Remote Asymmetric Induction by Mechanical Transfer of Stereochemical Information. Tetrahedron Letters, 1998, 39, 105-108.	0.7	67
42	Nanometerâ€Range Communication of Stereochemical Information by Reversible Switching of Molecular Helicity. Angewandte Chemie - International Edition, 2010, 49, 6836-6839.	7.2	67
43	Diastereomeric ratio determination by high sensitivity band-selective pure shift NMR spectroscopy. Chemical Communications, 2014, 50, 2512-2514.	2.2	67
44	Slow interconversion of enantiomeric conformers or atropisomers of anilide and urea derivatives of 2-substituted anilines. Organic and Biomolecular Chemistry, 2005, 3, 3173.	1.5	64
45	Enantioselective Synthesis of an Atropisomeric Diaryl Ether. Angewandte Chemie - International Edition, 2008, 47, 3234-3237.	7.2	64
46	Tandem Î²-Alkylationâ^'Î±-Arylation of Amines by Carbolithiation and Rearrangement of N-Carbamoyl Enamines (Vinyl Ureas). Journal of the American Chemical Society, 2010, 132, 6624-6625.	6.6	63
47	Helical Foldamers Incorporating Photoswitchable Residues for Light-Mediated Modulation of Conformational Preference. Journal of the American Chemical Society, 2016, 138, 8007-8018.	6.6	62
48	Stereochemical relays: communication via conformation. Organic and Biomolecular Chemistry, 2006, 4, 2667.	1.5	61
49	Looking forward to volume six. Beilstein Journal of Organic Chemistry, 2010, 6, 1.	1.3	60
50	Conformational Switching of a Foldamer in a Multicomponent System by pH-Filtered Selection between Competing Noncovalent Interactions. Journal of the American Chemical Society, 2015, 137, 6680-6691.	6.6	60
51	Synthesis of (â^')-kainic acid using chiral lithium amides in an asymmetric dearomatizing cyclization. Tetrahedron, 2002, 58, 4727-4733.	1.0	58
52	Dynamic resolution of atropisomeric amides using proline-derived imidazolines and ephedrine-derived oxazolidines. Tetrahedron, 2004, 60, 4399-4412.	1.0	58
53	Heavily Substituted Atropisomeric Diarylamines by Unactivated Smiles Rearrangement of Nâ€Aryl Anthranilamides. Angewandte Chemie - International Edition, 2017, 56, 12533-12537.	7.2	57
54	Asymmetric deprotonation and dearomatising cyclisation of N-benzyl benzamides using chiral lithium amides: formal synthesis of (â€“)-kainic acid. Chemical Communications, 2002, , 38-39.	2.2	56

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55	Sequential Double Î±-Arylation of N-Allylureas by Asymmetric Deprotonation and Nâ†'C Aryl Migration. Organic Letters, 2010, 12, 5442-5445.	2.4	55
56	Nickel-catalysed substitutions of aryl tert-butyl sulfones with organometallic reagents: synthesis of ortho-substituted unsymmetrical biaryls. Journal of the Chemical Society Perkin Transactions 1, 1995, , 7.	0.9	54
57	N to C Aryl Migration in Lithiated Carbamates: Î±-Arylation of Benzylic Alcohols. Journal of the American Chemical Society, 2009, 131, 3410-3411.	6.6	54
58	Anionic cyclisations of an N-benzyl naphthamide: a route to benzo[e]isoindolones. Chemical Communications, 1998, , 297-298.	2.2	53
59	Synthesis of (Â±)-kainic acid by dearomatising cyclisation of a lithiated N-benzyl p-anisamide. Chemical Communications, 2000, , 317-318.	2.2	53
60	Dearomatizing Anionic Cyclization of Substituted N-Cumyl-N-benzyl- benzamides on Treatment with LDA:â€‰ Synthesis of Partially Saturated Substituted Isoindolones. Organic Letters, 2000, 2, 4229-4232.	2.4	53
61	Synthesis of (â˜')-(S,S)-clemastine by Invertive N â†' C Aryl Migration in a Lithiated Carbamate. Organic Letters, 2010, 12, 2222-2225.	2.4	53
62	Controlling the regioselectivity of lithiation using kinetic isotope effects: Deuterium as a protecting group for carbon. Tetrahedron Letters, 1998, 39, 8377-8380.	0.7	52
63	Perilithiation and the synthesis of 8-substituted-1-naphthamides. Tetrahedron, 1999, 55, 14161-14184.	1.0	52
64	(â˜')-Ephedrine as an auxiliary for the asymmetric synthesis of atropisomeric amides by dynamic resolution under thermodynamic control. Tetrahedron Letters, 2001, 42, 3163-3166.	0.7	51
65	Pseudoephedrineâ€Directed Asymmetric Î±â€Arylation of Î±â€Amino Acid Derivatives. Angewandte Chemie - International Edition, 2015, 54, 8961-8965.	7.2	51
66	Diastereoisomeric atropisomers from the addition of lithiated N,N-dialkyl-l-naphthamides to aldehydes. Tetrahedron Letters, 1995, 36, 9219-9222.	0.7	50
67	Asymmetric induction using atropisomers: Diastereoselective additions to 2-acyl-1-naphthamides. Tetrahedron Letters, 1996, 37, 5577-5580.	0.7	50
68	Anion translocation in organolithiums: A mechanism for the lithiation and cyclisation of tertiary naphthamides. Tetrahedron Letters, 1998, 39, 6103-6106.	0.7	50
69	Intramolecular Vinylation of Secondary and Tertiary Organolithiums. Journal of the American Chemical Society, 2012, 134, 7286-7289.	6.6	50
70	Mediumâ€Ring Nitrogen Heterocycles through Migratory Ring Expansion of Metalated Ureas. Angewandte Chemie, 2016, 128, 11319-11323.	1.6	50
71	Dearomatising cyclisations of lithiated N-benzylbenzamides. Chemical Communications, 1999, , 231-232.	2.2	49
72	Electrophile-Induced Dearomatizing Spirocyclization of N-Arylisonicotinamides: A Route to Spirocyclic Piperidines. Organic Letters, 2008, 10, 3089-3092.	2.4	49

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73	Configurational Stability and Stereospecificity in the Reactions of Amide-Stabilised Organolithiums: A Non-Stereospecific Tin-Lithium Exchange. Tetrahedron Letters, 1997, 38, 2565-2568.	0.7	48
74	Using amide conformation to â€˜projectâ€™ the stereochemistry of an (â˜)-ephedrine-derived oxazolidine: a pair of pseudoenantiomeric chiral amido-phosphine ligands. Tetrahedron: Asymmetry, 2001, 12, 695-698.	1.8	48
75	Chemoenzymatic Synthesis of Substituted Azepanes by Sequential Biocatalytic Reduction and Organolithium-Mediated Rearrangement. Journal of the American Chemical Society, 2018, 140, 17872-17877.	6.6	48
76	Stereospecificity and Stereoselectivity in Electrophilic Substitution Reactions of Non-Î±-Heterosubstituted Organolithiums and Stannanes:â€‰ A Rotationally Restricted Amide as an Internal Stereochemical Marker. Journal of the American Chemical Society, 2001, 123, 12449-12457.	6.6	47
77	ortho-Substituted unsymmetrical biaryls from aryl tert-butyl sulfones. Journal of the Chemical Society Chemical Communications, 1993, , 1682.	2.0	46
78	Bonded peri-interactions govern the rate of racemisation of atropisomeric 8-substituted 1-naphthamidesâ€. Chemical Communications, 1999, , 2059-2060.	2.2	46
79	The First Crystallographic Evidence for the Structures ofortho-Lithiated Aromatic Tertiary Amides. Angewandte Chemie - International Edition, 2001, 40, 1238-1240.	7.2	45
80	Engineering the Structure of an N-Terminal Î²-Turn To Maximize Screw-Sense Preference in Achiral Helical Peptide Chains. Journal of Organic Chemistry, 2014, 79, 4659-4675.	1.7	45
81	Dearomatising cyclisation of lithiated 1-naphthamides with a phenylglycinol-derived chiral auxiliary: asymmetric synthesis of an arylkainoid and a kainoid-like pyroglutamate. Tetrahedron Letters, 2001, 42, 3411-3414.	0.7	43
82	2,3-Dihydroisoindolones by cyclisation and rearomatisation of lithiated benzamides. Tetrahedron Letters, 2003, 44, 3059-3062.	0.7	43
83	Left-Handed Helical Preference in an Achiral Peptide Chain Is Induced by an <scp>l</scp>-Amino Acid in an N-Terminal Type II Î²-Turn. Journal of Organic Chemistry, 2013, 78, 2248-2255.	1.7	43
84	Dynamically resolved peri-substituted 2-formyl naphthamides: a new class of atropisomeric chiral auxiliary. Tetrahedron Letters, 2000, 41, 3279-3283.	0.7	42
85	Synthesis of a potent (Â±)-4-(2-hydroxyphenyl) analogue of the acromelic acids by dearomatising cyclisation of a lithiated N-p-methoxybenzyl-4-methoxy-1-naphthamide. Tetrahedron Letters, 2001, 42, 3407-3410.	0.7	42
86	Atropisomerism at Cï£¿S Bonds: Asymmetric Synthesis of Diaryl Sulfones by Dynamic Resolution Under Thermodynamic Control. Angewandte Chemie - International Edition, 2009, 48, 6270-6273.	7.2	42
87	Chemical communication: conductors and insulators of screw-sense preference between helical oligo(aminoisobutyric acid) domains. Chemical Communications, 2012, 48, 3397.	2.2	42
88	Amines Bearing Tertiary Substituents by Tandem Enantioselective Carbolithiationâ€“Rearrangement of Vinylureas. Organic Letters, 2013, 15, 34-37.	2.4	42
89	Atroposelectivity in the Reactions of Laterally Lithiated Tertiary Amides. Tetrahedron Letters, 1997, 38, 2561-2564.	0.7	41
90	Dearomatizing Cyclization of Arylsulfonylalkoxymethyl Lithiums: A Route to the Podophyllotoxin Skeleton. Organic Letters, 2003, 5, 831-834.	2.4	41

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91	Can relief of ring-strain in a cyclopropylmethyllithium drive the Brook rearrangement?. Tetrahedron, 2005, 61, 3195-3203.	1.0	41
92	Competing Hydrogen-Bond Polarities in a Dynamic Oligourea Foldamer: A Molecular Spring Torsion Balance. Journal of the American Chemical Society, 2018, 140, 3528-3531.	6.6	41
93	Atropisomeric benzamides and naphthamides as chiral auxiliariesâ€Šâ€. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 3232-3249.	1.3	40
94	Sulfoxides as â€˜tracelessâ€™ resolving agents for the synthesis of atropisomers by dynamic or classical resolution. Tetrahedron, 2004, 60, 4387-4397.	1.0	40
95	Conformational Preference and Remote (1,10) Stereocontrol in Biphenyl-2,2â€˜-dicarboxamides. Organic Letters, 2001, 3, 4133-4136.	2.4	39
96	Î²-Lactams or Î³-lactams by 4-exo-trig or 5-endo-trig anionic cyclisation of lithiated acrylamide derivatives. Chemical Communications, 2003, , 2582-2583.	2.2	39
97	Azabicyclic Amino Acids by Stereoselective Dearomatizing Cyclization of the Enolates ofN-Nicotinoyl Glycine Derivatives. Organic Letters, 2006, 8, 5325-5328.	2.4	39
98	Alkenyl oxazolidinones by stereoselective epoxidation of Î´-hydroxy allylic phosphine oxides: Synthesis of any isomer (RR, RS, SR or SS; E or Z) bearing 1,4-related chiral centres across a double bond. Tetrahedron Letters, 1993, 34, 2203-2206.	0.7	38
99	Cyclization of Lithiated Pyridine and Quinoline Carboxamides:â€‰ Synthesis of Partially Saturated Pyrrolopyridines and Spirocyclic Î²-Lactams. Organic Letters, 2005, 7, 3673-3676.	2.4	38
100	Enzymatic Desymmetrising Redox Reactions for the Asymmetric Synthesis of Biaryl Atropisomers. Chemistry - A European Journal, 2014, 20, 13084-13088.	1.7	38
101	A tendril perversion in a helical oligomer: trapping and characterizing a mobile screw-sense reversal. Chemical Science, 2017, 8, 3007-3018.	3.7	38
102	Nucleophilic Addition to Electron-Rich Heteroaromatics:â€‰ Dearomatizing Anionic Cyclizations of Pyrrolecarboxamides. Organic Letters, 2004, 6, 609-611.	2.4	37
103	Enantioselective synthesis of tertiary thiols by intramolecular arylation of lithiated thiocarbamates. Chemical Communications, 2011, 47, 3395.	2.2	37
104	Cyclisations of Organolithiums onto Aromatic Rings. Synthesis, 2004, 2004, 1721-1736.	1.2	36
105	Conformational preference in aromatic amides bearing chiral ortho substituents: its origin and application to relayed stereocontrol. Organic and Biomolecular Chemistry, 2006, 4, 424-443.	1.5	36
106	A general synthetic approach to the amnesic shellfish toxins: total synthesis of (â^')-isodomoic acid B, (â^')-isodomoic acid E and (â^')-isodomoic acid F. Chemical Communications, 2011, 47, 3745.	2.2	36
107	Flaws in foldamers: conformational uniformity and signal decay in achiral helical peptide oligomers. Chemical Science, 2015, 6, 2313-2322.	3.7	36
108	2,2- and 2,6-Diarylpiperidines by Aryl Migration within Lithiated Urea Derivatives of Tetrahydropyridines. Organic Letters, 2015, 17, 1236-1239.	2.4	36

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109	Photocatalytic Difunctionalization of Vinyl Ureas by Radical Addition Polar Truceâ€“Smiles Rearrangement Cascades. Angewandte Chemie - International Edition, 2020, 59, 11600-11606.	7.2	36
110	Stereokontrolle in der organischen Synthese durch Verwendung der Diphenylphosphorylgruppe. Angewandte Chemie, 1996, 108, 261-291.	1.6	35
111	Stereoselective Dearomatizing Addition of Nucleophiles to Uncomplexed Benzene Rings: A Route to Carbocyclic Sugar Analogues. Angewandte Chemie - International Edition, 2008, 47, 5060-5062.	7.2	35
112	Conformation and stereodynamics of 2,2â€²-disubstituted N,Nâ€²-diaryl ureas. Organic and Biomolecular Chemistry, 2008, 6, 2908.	1.5	35
113	Enantiomerically enriched atropisomeric N,Nâ€²-diaryl ureas by oxidative kinetic resolution of their 2-sulfanyl derivatives. Tetrahedron Letters, 2009, 50, 3216-3219.	0.7	35
114	The Mechanism of the Stereospecific Intramolecular Arylation of Lithiated Ureas: The Role of Li⁺ Probed by Electronic Structure Calculations, and by NMR and IR Spectroscopy. European Journal of Organic Chemistry, 2012, 2012, 731-743.	1.2	35
115	Stereocontrolled synthesis of R or S E or Z unsaturated Î±â€”amino acids by enantio- and diastereoselective epoxidation of Î´-hydroxy allylic phosphine oxides. Tetrahedron Letters, 1993, 34, 1327-1330.	0.7	34
116	Asymmetric synthesis of enantiomerically enriched atropisomeric amides by desymmetrisation of N,N-dialkylmesitamidesâ€Šâ€. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 371-375.	1.3	34
117	Dearomatizing Annelation of Five-Membered Rings to Naphthalenes by Organolithium Cyclization. Organic Letters, 2002, 4, 787-790.	2.4	34
118	Ring-Selective Functionalization ofN,Nâ€˜-Diarylureas by Regioselective N-Alkylation and Directed Ortho Metalation. Organic Letters, 2005, 7, 3147-3150.	2.4	34
119	N,Nâ€²-Diarylureas: A New Family of Atropisomers Exhibiting Highly Diastereoselective Reactivity. Journal of Organic Chemistry, 2008, 73, 4415-4423.	1.7	34
120	Diastereotopic fluorine substituents as 19F NMR probes of screw-sense preference in helical foldamers. Organic and Biomolecular Chemistry, 2013, 11, 3168.	1.5	34
121	The meso Helix: Symmetry and Symmetryâ€Breaking in Dynamic Oligourea Foldamers with Reversible Hydrogenâ€Bond Polarity. Angewandte Chemie - International Edition, 2016, 55, 9657-9661.	7.2	34
122	Switchable foldamer ion channels with antibacterial activity. Chemical Science, 2020, 11, 7023-7030.	3.7	34
123	Synthesis and Stacked Conformations of Symmetrical and Unsymmetrical Oligo-ureas of Metaphenylenediamine. Journal of Organic Chemistry, 2007, 72, 2302-2308.	1.7	33
124	The origin of the conformational preference of N,Nâ€²-diaryl-N,Nâ€²-dimethyl ureas. Physical Chemistry Chemical Physics, 2010, 12, 15056.	1.3	33
125	Tertiary Alcohols by Tandem Î²-Carbolithiation and Nâ†’C Aryl Migration in Enol Carbamates. Organic Letters, 2012, 14, 142-145.	2.4	33
126	Intramolecular arylation of amino acid enolates. Chemical Communications, 2013, 49, 9734.	2.2	33

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127	Atroposelective attack of nucleophiles on 2-formyl-1-naphthamides and their derivatives: chelation and non-chelation control. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 1363-1378.	1.3	32
128	Directed Metallation of Aromatic Compounds. , 0, , 495-646.		32
129	Relaying stereochemistry through aromatic ureas: 1,9 and 1,15 remote stereocontrol. Chemical Communications, 2009, , 547-549.	2.2	32
130	Interruption of a 3₁₀â€helix by a single Gly residue in a polyâ€Aib motif: A crystallographic study. Biopolymers, 2011, 95, 62-69.	1.2	32
131	Biocatalytic Dynamic Kinetic Resolution for the Synthesis of Atropisomeric Biaryl Nâ€Oxide Lewis Base Catalysts. Angewandte Chemie, 2016, 128, 10913-10917.	1.6	32
132	Stereospecific formation of tetrasubstituted centres from trisubstituted centres during dearomatising anionic cyclisations. Tetrahedron Letters, 1999, 40, 8323-8326.	0.7	31
133	Synthesis of Î±-methyl kainic acid by stereospecific lithiationâ€“dearomatizing cyclization of a chiral benzamide. Tetrahedron Letters, 2003, 44, 3397-3400.	0.7	31
134	Lithium Choreography: Intramolecular Arylations of Carbamateâ€Stabilised Carbanions and Their Mechanisms Probed by In Situ IR Spectroscopy and DFT Calculations. Chemistry - A European Journal, 2012, 18, 16478-16490.	1.7	31
135	Manipulating the Diastereoselectivity of Ortholithiation in Planar Chiral Ferrocenes. Organic Letters, 2013, 15, 3334-3337.	2.4	31
136	Consecutive Ring Expansion and Contraction for the Synthesis of 1â€Aryl Tetrahydroisoquinolines and Tetrahydrobenzazepines from Readily Available Heterocyclic Precursors. Angewandte Chemie - International Edition, 2018, 57, 5788-5791.	7.2	31
137	Synthesis of enantiomerically enriched (R)-¹³C-labelled 2-aminoisobutyric acid (Aib) by conformational memory in the alkylation of a derivative of L-alanine. Beilstein Journal of Organic Chemistry, 2011, 7, 1304-1309.	1.3	30
138	Controlling the sign and magnitude of screw-sense preference from the C-terminus of an achiral helical foldamer. Chemical Communications, 2014, 50, 7949-7952.	2.2	30
139	Palladium Catalyzed C-Arylation of Amino Acid Derived Hydantoins. Organic Letters, 2015, 17, 3838-3841.	2.4	30
140	Nichtâ€Biarylâ€Atropisomere: eine neue Klasse von chiralen Reagentien, Hilfsstoffen und Liganden?. Angewandte Chemie, 1997, 109, 986-988.	1.6	29
141	Dearomatising rearrangements of lithiated thiophenecarboxamides. Chemical Communications, 2004, , 2430.	2.2	29
142	Refoldable Foldamers: Global Conformational Switching by Deletion or Insertion of a Single Hydrogen Bond. Angewandte Chemie, 2016, 128, 2172-2176.	1.6	29
143	Axial chirality in xanthene-4,5-dicarboxamides: 1,9-stereocontrol mediated by remote interactions between conformationally constrained amide groups. Tetrahedron Letters, 2000, 41, 5171-5175.	0.7	28
144	Using Symmetry to Monitor Geared Bond Rotation in Aromatic Amides by Dynamic NMR. Organic Letters, 2000, 2, 3351-3354.	2.4	28

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145	Lateral lithiation of N,Nâ€²-diaryl ureas. Tetrahedron Letters, 2006, 47, 6945-6946.	0.7	28
146	Atropisomerism in Diarylamines: Structural Requirements and Mechanisms of Conformational Interconversion. Angewandte Chemie - International Edition, 2020, 59, 18670-18678.	7.2	28
147	Intermolecular Dearomatising Addition of Organolithium Compounds to N-Benzoylamides of 2,2,6,6-Tetramethylpiperidine. European Journal of Organic Chemistry, 2002, 2002, 3558-3565.	1.2	27
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