Jonathan Clayden

List of Publications by Year in Descending Order

313 papers	9,827 citations	49 h-index	76 g-index
384 ext. papers	10,936 ext. citations	7.7 avg, IF	6.57 L-index

#	Paper	IF	Citations
313	Inducing a pH-dependent conformational response by competitive binding to Zn of a series of chiral ligands of disparate basicity.. *Chemical Science*, **2022**, 13, 2258-2269	9.4	0
312	Enantioselective one-carbon expansion of aromatic rings by simultaneous formation and chromoselective irradiation of a transient coloured enolate.. *Chemical Science*, **2022**, 13, 2079-2085	9.4	0
311	Triarylmethanes and their Medium-Ring Analogues by Unactivated Truce-Smiles Rearrangement of Benzanilides. *Angewandte Chemie - International Edition*, **2021**, 60, 11272-11277	16.4	5
310	Triarylmethanes and their Medium-Ring Analogues by Unactivated Truce‐Smiles Rearrangement of Benzanilides. *Angewandte Chemie*, **2021**, 133, 11372-11377	3.6	1
309	-Methyl Allylic Amines from Allylic Alcohols by Mitsunobu Substitution Using -Boc Ethyl Oxamate. *Journal of Organic Chemistry*, **2021**, 86, 8538-8543	4.2	
308	Scalable synthesis and coupling of quaternary -arylated amino acids: -aryl substituents are tolerated in -helical peptides. *Chemical Science*, **2021**, 12, 9386-9390	9.4	0
307	'Reverse biomimetic' synthesis of l-arogenate and its stabilized analogues from l-tyrosine. *Chemical Science*, **2021**, 12, 11394-11398	9.4	1
306	Insight into the Mechanism of Action and Peptide-Membrane Interactions of Aib-Rich Peptides: Multitechnique Experimental and Theoretical Analysis. *ChemBioChem*, **2021**, 22, 1656-1667	3.8	6
305	A molecular communication channel consisting of a single reversible chain of hydrogen bonds in a conformationally flexible oligomer. *CheM*, **2021**, 7, 2460-2472	16.2	3
304	Binding of l-kynurenine to X. campestris tryptophan 2,3-dioxygenase. *Journal of Inorganic Biochemistry*, **2021**, 225, 111604	4.2	2
303	Light-mediated control of activity in a photosensitive foldamer that mimics an esterase. *Chemical Communications*, **2021**, 57, 2269-2272	5.8	1
302	Switchable foldamer ion channels with antibacterial activity. *Chemical Science*, **2020**, 11, 7023-7030	9.4	18
301	Molecular Recognition by Zn(II)-Capped Dynamic Foldamers. *ChemistryOpen*, **2020**, 9, 338-345	2.3	
300	Photocatalytic Difunctionalization of Vinyl Ureas by Radical Addition Polar Truce-Smiles Rearrangement Cascades. *Angewandte Chemie - International Edition*, **2020**, 59, 11600-11606	16.4	24
299	Atropisomerism in Diarylamines: Structural Requirements and Mechanisms of Conformational Interconversion. *Angewandte Chemie - International Edition*, **2020**, 59, 18670-18678	16.4	12
298	Photocatalytic Difunctionalization of Vinyl Ureas by Radical Addition Polar Truce‐Smiles Rearrangement Cascades. *Angewandte Chemie*, **2020**, 132, 11697-11703	3.6	15
297	An Aliphatic Bischler-Napieralski Reaction: Dihydropyridones by Cyclocarbonylation of 3-Allylimidazolidin-4-ones. *Organic Letters*, **2020**, 22, 253-256	6.2	3

296	Atropisomerism in Diarylamines: Structural Requirements and Mechanisms of Conformational Interconversion. *Angewandte Chemie*, **2020**, 132, 18829-18837	3.6	5
295	Automated solid-phase concatenation of Aib residues to form long, water-soluble, helical peptides. *Chemical Communications*, **2020**, 56, 12049-12052	5.8	5
294	Stuart Warren (24 Dec 1938-22 Mar 2020). *Organic and Biomolecular Chemistry*, **2020**, 18, 7236-7237	3.9	
293	Hydantoin-bridged medium ring scaffolds by migratory insertion of urea-tethered nitrile anions into aromatic C-N bonds. *Chemical Science*, **2020**, 12, 2091-2096	9.4	3
292	Amino Acid-Derived trans- N-Chloroformylimidazolidinones: Scalable, Stereoselective Synthesis, Structure, and Utility. *Journal of Organic Chemistry*, **2019**, 84, 7199-7206	4.2	4
291	Extended Diethylglycine Homopeptides Formed by Desulfurization of Their Tetrahydrothiopyran Analogues. *Organic Letters*, **2019**, 21, 2209-2212	6.2	3
290	Connective synthesis of 5,5-disubstituted hydantoins by tandem □-amination and □-arylation of silyl ketene acetals. *Chemical Science*, **2019**, 10, 3408-3412	9.4	14
289	Asymmetric and Geometry-Selective □-Alkenylation of □-Amino Acids. *Angewandte Chemie*, **2019**, 131, 2440-2444	3.6	4
288	N-Chloroformylimidazolidinone Enolates as 1,3-Dipolar Reagents for the Stereoselective Synthesis of 3,4-Dihydroisoquinolones. *Organic Letters*, **2019**, 21, 1908-1911	6.2	9
287	Remote conformational responses to enantiomeric excess in carboxylate-binding dynamic foldamers. *Chemical Communications*, **2019**, 55, 9331-9334	5.8	8
286	Asymmetric and Geometry-Selective □-Alkenylation of □-Amino Acids. *Angewandte Chemie - International Edition*, **2019**, 58, 2418-2422	16.4	16
285	Competing Hydrogen-Bond Polarities in a Dynamic Oligourea Foldamer: A Molecular Spring Torsion Balance. *Journal of the American Chemical Society*, **2018**, 140, 3528-3531	16.4	26
284	Consecutive Ring Expansion and Contraction for the Synthesis of 1-Aryl Tetrahydroisoquinolines and Tetrahydrobenzazepines from Readily Available Heterocyclic Precursors. *Angewandte Chemie*, **2018**, 130, 5890-5893	3.6	8
283	Consecutive Ring Expansion and Contraction for the Synthesis of 1-Aryl Tetrahydroisoquinolines and Tetrahydrobenzazepines from Readily Available Heterocyclic Precursors. *Angewandte Chemie - International Edition*, **2018**, 57, 5788-5791	16.4	22
282	□-Methyl phenylglycines by asymmetric □-arylation of alanine and their effect on the conformational preference of helical Aib foldamers. *Organic and Biomolecular Chemistry*, **2018**, 16, 2757-2761	3.9	5
281	Bis-pyrene probes of foldamer conformation in solution and in phospholipid bilayers. *Chemical Science*, **2018**, 9, 6860-6870	9.4	18
280	Optically Active Vibrational Spectroscopy of □-Aminoisobutyric Acid Foldamers in Organic Solvents and Phospholipid Bilayers. *Chemistry - A European Journal*, **2018**, 24, 9399-9408	4.8	12
279	The Role of Terminal Functionality in the Membrane and Antibacterial Activity of Peptaibol-Mimetic Aib Foldamers. *Chemistry - A European Journal*, **2018**, 24, 2249-2256	4.8	13

278	Chemoenzymatic Synthesis of Substituted Azepanes by Sequential Biocatalytic Reduction and Organolithium-Mediated Rearrangement. *Journal of the American Chemical Society*, **2018**, 140, 17872-17877	16.4	35
277	Substituted Dihydroisoquinolinones by Iodide-Promoted Cyclocarbonylation of Aromatic β-Amino Acids. *Organic Letters*, **2018**, 20, 7977-7981	6.2	16
276	Asymmetric β-arylation of amino acids. *Nature*, **2018**, 562, 105-109	50.4	56
275	Transition Metal Free Cycloamination of Prenyl Carbamates and Ureas Promoted by Aryldiazonium Salts. *Angewandte Chemie*, **2018**, 130, 13775-13779	3.6	3
274	Polycyclic Indoline Derivatives by Dearomatizing Anionic Cyclization of Indole and Tryptamine-Derived Ureas. *Organic Letters*, **2018**, 20, 5770-5773	6.2	11
273	Enantioselectively functionalised phenytoin derivatives by auxiliary-directed N to C aryl migration in lithiated β-amino nitriles. *Chemical Communications*, **2018**, 54, 10985-10988	5.8	5
272	Transition Metal Free Cycloamination of Prenyl Carbamates and Ureas Promoted by Aryldiazonium Salts. *Angewandte Chemie - International Edition*, **2018**, 57, 13587-13591	16.4	20
271	Stereospecific Intramolecular Arylation of 2- and 3-Pyridyl Substituted Alkylamines via Configurationally Stable β-Pyridyl Organolithiums. *Organic Letters*, **2017**, 19, 472-475	6.2	12
270	A tendril perversion in a helical oligomer: trapping and characterizing a mobile screw-sense reversal. *Chemical Science*, **2017**, 8, 3007-3018	9.4	27
269	Ligand-modulated conformational switching in a fully synthetic membrane-bound receptor. *Nature Chemistry*, **2017**, 9, 420-425	17.6	77
268	Signal transduction in oligoamide foldamers by selective non-covalent binding of chiral phosphates at a urea binding site. *Organic and Biomolecular Chemistry*, **2017**, 15, 3585-3589	3.9	8
267	Supramolecular chemistry: Host in translation. *Nature Nanotechnology*, **2017**, 12, 403-404	28.7	2
266	Intramolecular vinylation of carbanions using N -acyl benzomorpholines as masked vinylureas and vinylcarbamates. *Comptes Rendus Chimie*, **2017**, 20, 634-642	2.7	5
265	Medium-Sized-Ring Analogues of Dibenzodiazepines by a Conformationally Induced Smiles Ring Expansion. *Angewandte Chemie - International Edition*, **2017**, 56, 14602-14606	16.4	53
264	Medium-Sized-Ring Analogues of Dibenzodiazepines by a Conformationally Induced Smiles Ring Expansion. *Angewandte Chemie*, **2017**, 129, 14794-14798	3.6	20
263	Dibenzazepinyl ureas as dual NMR and CD probes of helical screw-sense preference in conformationally equilibrating dynamic foldamers. *Chemical Communications*, **2017**, 53, 10768-10771	5.8	8
262	Geometry-Retentive C-Alkenylation of Lithiated β-Aminonitriles: Quaternary β-Alkenyl Amino Acids and Hydantoins. *Angewandte Chemie*, **2017**, 129, 10890-10894	3.6	5
261	Heavily Substituted Atropisomeric Diarylamines by Unactivated Smiles Rearrangement of N-Aryl Anthranilamides. *Angewandte Chemie*, **2017**, 129, 12707-12711	3.6	16

260	Heavily Substituted Atropisomeric Diarylamines by Unactivated Smiles Rearrangement of N-Aryl Anthranilamides. *Angewandte Chemie - International Edition*, **2017**, 56, 12533-12537	16.4	40
259	Geometry-Retentive C-Alkenylation of Lithiated □-Aminonitriles: Quaternary □-Alkenyl Amino Acids and Hydantoins. *Angewandte Chemie - International Edition*, **2017**, 56, 10750-10754	16.4	10
258	Biocatalytic Dynamic Kinetic Resolution for the Synthesis of Atropisomeric Biaryl N-Oxide Lewis Base Catalysts. *Angewandte Chemie*, **2016**, 128, 10913-10917	3.6	28
257	Medium-Ring Nitrogen Heterocycles through Migratory Ring Expansion of Metalated Ureas. *Angewandte Chemie - International Edition*, **2016**, 55, 11153-7	16.4	93
256	Chemistry: No turning back for motorized molecules. *Nature*, **2016**, 534, 187-8	50.4	5
255	Helical Foldamers Incorporating Photoswitchable Residues for Light-Mediated Modulation of Conformational Preference. *Journal of the American Chemical Society*, **2016**, 138, 8007-18	16.4	44
254	Substituent effects on axial chirality in 1-aryl-3,4-dihydroisoquinolines: controlling the rate of bond rotation. *Tetrahedron*, **2016**, 72, 5172-5177	2.4	5
253	Refoldable Foldamers: Global Conformational Switching by Deletion or Insertion of a Single Hydrogen Bond. *Angewandte Chemie*, **2016**, 128, 2172-2176	3.6	23
252	Length-Dependent Formation of Transmembrane Pores by 310-Helical □-Aminoisobutyric Acid Foldamers. *Journal of the American Chemical Society*, **2016**, 138, 688-95	16.4	62
251	The meso Helix: Symmetry and Symmetry-Breaking in Dynamic Oligourea Foldamers with Reversible Hydrogen-Bond Polarity. *Angewandte Chemie*, **2016**, 128, 9809-9813	3.6	7
250	The meso Helix: Symmetry and Symmetry-Breaking in Dynamic Oligourea Foldamers with Reversible Hydrogen-Bond Polarity. *Angewandte Chemie - International Edition*, **2016**, 55, 9657-61	16.4	27
249	Conformational photoswitching of a synthetic peptide foldamer bound within a phospholipid bilayer. *Science*, **2016**, 352, 575-80	33.3	115
248	Refoldable Foldamers: Global Conformational Switching by Deletion or Insertion of a Single Hydrogen Bond. *Angewandte Chemie - International Edition*, **2016**, 55, 2132-6	16.4	56
247	Dynamic foldamer chemistry. *Chemical Communications*, **2016**, 52, 4852-63	5.8	111
246	Medium-Ring Nitrogen Heterocycles through Migratory Ring Expansion of Metalated Ureas. *Angewandte Chemie*, **2016**, 128, 11319-11323	3.6	47
245	Biocatalytic Dynamic Kinetic Resolution for the Synthesis of Atropisomeric Biaryl N-Oxide Lewis Base Catalysts. *Angewandte Chemie - International Edition*, **2016**, 55, 10755-9	16.4	60
244	Directed Lithiation of Pentadienylsilanes. *Organometallics*, **2015**, 34, 2348-2355	3.8	6
243	Conformational cooperativity between helical domains of differing geometry in oligoamide-oligourea foldamer chimeras. *Chemical Communications*, **2015**, 51, 11802-5	5.8	16

242	Palladium Catalyzed C-Arylation of Amino Acid Derived Hydantoins. *Organic Letters*, **2015**, 17, 3838-41	6.2	21
241	Participation of non-aminoisobutyric acid (Aib) residues in the 310 helical conformation of Aib-rich foldamers: a solid state study. *New Journal of Chemistry*, **2015**, 39, 3288-3294	3.6	9
240	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, 6680-91	13.4	44
239	□-Quaternary Proline Derivatives by Intramolecular Diastereoselective Arylation of N-Carboxamido Proline Ester Enolates. *Journal of Organic Chemistry*, **2015**, 80, 10757-68	4.2	16
238	Origin of Helical Screw Sense Selectivity Induced by Chiral Constrained C□-Tetrasubstituted □-Amino Acids in Aib-based Peptides. *Journal of Physical Chemistry B*, **2015**, 119, 14003-13	3.4	14
237	Geometry-selective synthesis of the unsaturated side chains of the isodomoic acids. *Tetrahedron*, **2015**, 71, 7204-7208	2.4	3
236	Helical peptaibol mimics are better ionophores when racemic than when enantiopure. *Organic and Biomolecular Chemistry*, **2015**, 13, 9580-4	3.9	7
235	Mechanism of stabilization of helix secondary structure by constrained C□-tetrasubstituted □-amino acids. *Journal of Physical Chemistry B*, **2015**, 119, 1350-61	3.4	21
234	Pseudoephedrine-Directed Asymmetric □-Arylation of □-Amino Acid Derivatives. *Angewandte Chemie*, **2015**, 127, 9089-9093	3.6	15
233	Pseudoephedrine-Directed Asymmetric □-Arylation of □-Amino Acid Derivatives. *Angewandte Chemie - International Edition*, **2015**, 54, 8961-5	16.4	38
232	Screw sense alone can govern enantioselective extension of a helical peptide by kinetic resolution of a racemic amino acid. *Chemical Communications*, **2015**, 51, 10965-8	5.8	10
231	Flaws in foldamers: conformational uniformity and signal decay in achiral helical peptide oligomers. *Chemical Science*, **2015**, 6, 2313-2322	9.4	32
230	Enantioselective carbolithiation of S-alkenyl-N-aryl thiocarbamates: kinetic and thermodynamic control. *Organic and Biomolecular Chemistry*, **2015**, 13, 2330-40	3.9	16
229	2,2- and 2,6-Diarylpiperidines by aryl migration within lithiated urea derivatives of tetrahydropyridines. *Organic Letters*, **2015**, 17, 1236-9	6.2	32
228	Lithium Choreography Determines Contrasting Stereochemical Outcomes of Aryl Migrations in Benzylic Carbamates, Ureas and Thiocarbamates. *European Journal of Organic Chemistry*, **2015**, 2015, 953-959	3.2	20
227	Dearomatization and Aryl Migration in Organolithium Chemistry **2014**, 375-396		4
226	Engineering the structure of an N-terminal ꟻturn to maximize screw-sense preference in achiral helical peptide chains. *Journal of Organic Chemistry*, **2014**, 79, 4659-75	4.2	39
225	Thionoglycine as a multifunctional spectroscopic reporter of screw-sense preference in helical foldamers. *Organic and Biomolecular Chemistry*, **2014**, 12, 836-43	3.9	21

224	Diastereomeric ratio determination by high sensitivity band-selective pure shift NMR spectroscopy. *Chemical Communications*, **2014**, 50, 2512-4	5.8	60
223	Dihydrothiophenes containing quaternary stereogenic centres by sequential stereospecific rearrangements and ring-closing metathesis. *Chemical Communications*, **2014**, 50, 6754-7	5.8	16
222	Controlling the sign and magnitude of screw-sense preference from the C-terminus of an achiral helical foldamer. *Chemical Communications*, **2014**, 50, 7949-52	5.8	26
221	Synthesis of 1-Arylcycloalkenamines by Intramolecular Arylation of Lithiated Ureas. *Organic Process Research and Development*, **2014**, 18, 1245-1252	3.9	9
220	Tertiary thiols from allylic thiocarbamates by tandem enantioselective [3,3]-sigmatropic rearrangement and stereospecific arylation. *Organic Letters*, **2014**, 16, 1252-5	6.2	22
219	Foldamer-mediated remote stereocontrol: >1,60 asymmetric induction. *Angewandte Chemie - International Edition*, **2014**, 53, 151-5	16.4	87
218	Atropisomerism about aryl-Csp(3) bonds: the electronic and steric influence of ortho-substituents on conformational exchange in cannabidiol and linderatin derivatives. *Journal of Organic Chemistry*, **2014**, 79, 6015-27	4.2	15
217	Conformational analysis of helical aminoisobutyric acid (Aib) oligomers bearing C-terminal ester Schellman motifs. *Organic and Biomolecular Chemistry*, **2014**, 12, 4124-31	3.9	15
216	Foldamer-Mediated Remote Stereocontrol: >1,60 Asymmetric Induction. *Angewandte Chemie*, **2014** , 126, 155-159	3.6	27
215	Designing foldamer-foldamer interactions in solution: the roles of helix length and terminus functionality in promoting the self-association of aminoisobutyric acid oligomers. *Chemistry - A European Journal*, **2014**, 20, 15981-90	4.8	17
214	Inducing achiral aliphatic oligoureas to fold into helical conformations. *Chemical Communications*, **2014**, 50, 15006-9	5.8	19
213	Enzymatic desymmetrising redox reactions for the asymmetric synthesis of biaryl atropisomers. *Chemistry - A European Journal*, **2014**, 20, 13084-8	4.8	21
212	Structural Influences in Lithium Pentadienylsilane Complexes. *Organometallics*, **2013**, 32, 4448-4451	3.8	9
211	End-to-end conformational communication through a synthetic purinergic receptor by ligand-induced helicity switching. *Nature Chemistry*, **2013**, 5, 853-60	17.6	81
210	Intramolecular arylation of amino acid enolates. *Chemical Communications*, **2013**, 49, 9734-6	5.8	29
209	Influence of achiral units with gem-dimethyl substituents on the helical character of aliphatic oligourea foldamers. *Chemical Communications*, **2013**, 49, 7415-7	5.8	15
208	Amines bearing tertiary substituents by tandem enantioselective carbolithiation-rearrangement of vinylureas. *Organic Letters*, **2013**, 15, 34-7	6.2	41
207	Reversible aryl migrations in metallated ureas: controlled inversion of configuration at a quaternary carbon atom. *Chemical Communications*, **2013**, 49, 1548-50	5.8	14

206	Left-handed helical preference in an achiral peptide chain is induced by an L-amino acid in an N-terminal type II ǂturn. *Journal of Organic Chemistry*, **2013**, 78, 2248-55	4.2	35
205	Spirocyclic dihydropyridines by electrophile-induced dearomatizing cyclization of N-alkenyl pyridinecarboxamides. *Organic Letters*, **2013**, 15, 1922-5	6.2	21
204	Diastereotopic fluorine substituents as 19F NMR probes of screw-sense preference in helical foldamers. *Organic and Biomolecular Chemistry*, **2013**, 11, 3168-76	3.9	27
203	Carbolithiation of S-alkenyl-N-aryl thiocarbamates: carbanion arylation in a connective route to tertiary thiols. *Organic Letters*, **2013**, 15, 2116-9	6.2	15
202	Manipulating the diastereoselectivity of ortholithiation in planar chiral ferrocenes. *Organic Letters*, **2013**, 15, 3334-7	6.2	22
201	Dearomatising cyclisation of lithiated allyl phenyl ethers: the role of an oxazoline substituent. *Tetrahedron Letters*, **2013**, 54, 4064-4066	2	6
200	The N-terminal nonapeptide of cephaibols A and C: a naturally occurring example of mismatched helical screw-sense control. *Chemistry - A European Journal*, **2013**, 19, 16357-65	4.8	10
199	Carbolithiation of N-alkenyl ureas and N-alkenyl carbamates. *Beilstein Journal of Organic Chemistry*, **2013**, 9, 628-32	2.5	6
198	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	3.2	29
197	Induction of unexpected left-handed helicity by an N-terminal L-amino acid in an otherwise achiral peptide chain. *Angewandte Chemie - International Edition*, **2012**, 51, 1395-9	16.4	68
196	Is nevirapine atropisomeric? Experimental and computational evidence for rapid conformational inversion. *Organic and Biomolecular Chemistry*, **2012**, 10, 716-9	3.9	16
195	Lithium choreography: intramolecular arylations of carbamate-stabilised carbanions and their mechanisms probed by in situ IR spectroscopy and DFT calculations. *Chemistry - A European Journal*, **2012**, 18, 16478-90	4.8	30
194	Intramolecular vinylation of secondary and tertiary organolithiums. *Journal of the American Chemical Society*, **2012**, 134, 7286-9	16.4	45
193	Chemical communication: conductors and insulators of screw-sense preference between helical oligo(aminoisobutyric acid) domains. *Chemical Communications*, **2012**, 48, 3397-9	5.8	39
192	Tertiary alcohols by tandem ǂcarbolithiation and N->C aryl migration in enol carbamates. *Organic Letters*, **2012**, 14, 142-5	6.2	32
191	On the control of secondary carbanion structure utilising ligand effects during directed metallation. *Beilstein Journal of Organic Chemistry*, **2012**, 8, 50-60	2.5	5
190	Induction of Unexpected Left-Handed Helicity by an N-Terminal L-Amino Acid in an Otherwise Achiral Peptide Chain. *Angewandte Chemie*, **2012**, 124, 1424-1428	3.6	23
189	Lithiated tertiary carbanions display variable coordination modes: evidence from DFT and NMR studies. *Chemistry - A European Journal*, **2012**, 18, 11036-45	4.8	5

188	S-Allyl Thiocarbamates from Allylic Alcohols by in situ [3,3]-Sigmatropic Rearrangement of a Thiocarbonyldiimidazole Adduct. *Synthesis*, **2012**, 44, 2723-2734	2.9	2
187	Quaternary centres bearing nitrogen (α-tertiary amines) as products of molecular rearrangements. *Chemical Communications*, **2011**, 47, 4624-39	5.8	143
186	Geometry-selective synthesis of E or Z N-vinyl ureas (N-carbamoyl enamines). *Organic Letters*, **2011**, 13, 296-9	6.2	22
185	Enantioselective synthesis of tertiary thiols by intramolecular arylation of lithiated thiocarbamates. *Chemical Communications*, **2011**, 47, 3395-7	5.8	33
184	Synthesis of enantiomerically enriched (R)-C-labelled 2-aminoisobutyric acid (Aib) by conformational memory in the alkylation of a derivative of L-alanine. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 1304-9	2.5	30
183	Asymmetric synthesis of tertiary thiols and thioethers. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 582-95	2.5	154
182	Carbamate-directed benzylic lithiation for the diastereo- and enantioselective synthesis of diaryl ether atropisomers. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 1327-33	2.5	10
181	Die Harnstoff-Renaissance. *Angewandte Chemie*, **2011**, 123, 12354-12361	3.6	26
180	The urea renaissance. *Angewandte Chemie - International Edition*, **2011**, 50, 12148-55	16.4	102
179	Interruption of a 3(10)-helix by a single Gly residue in a poly-Aib motif: a crystallographic study. *Biopolymers*, **2011**, 95, 62-9	2.2	27
178	Ligand effects in the formation of tertiary carbanions from substituted tertiary aromatic amides. *Chemistry - A European Journal*, **2011**, 17, 8078-84	4.8	15
177	A general synthetic approach to the amnesic shellfish toxins: total synthesis of (-)-isodomoic acid B, (-)-isodomoic acid E and (-)-isodomoic acid F. *Chemical Communications*, **2011**, 47, 3745-7	5.8	32
176	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, 3712-5	16.4	67
175	Attack on fluorinated 2-aryloxazolines by organolithiums: dearomatisation, lithiation or substitution. *Tetrahedron Letters*, **2011**, 52, 2436-2439	2	8
174	Organometallic reagents: deconstructing THF. *Nature Chemistry*, **2010**, 2, 523-4	17.6	12
173	Synthesis of (-)-(S,S)-clemastine by invertive N --> C aryl migration in a lithiated carbamate. *Organic Letters*, **2010**, 12, 2222-5	6.2	48
172	Sequential double α-arylation of N-allylureas by asymmetric deprotonation and N->C aryl migration. *Organic Letters*, **2010**, 12, 5442-5	6.2	45
171	Tandem beta-alkylation-alpha-arylation of amines by carbolithiation and rearrangement of N-carbamoyl enamines (vinyl ureas). *Journal of the American Chemical Society*, **2010**, 132, 6624-5	16.4	56

170	N-versus C-terminal control over the screw-sense preference of the configurationally achiral, conformationally helical peptide motif Aib(8)GlyAib(8). *Journal of the American Chemical Society*, **2010**, 132, 4548-9	16.4	64
169	The origin of the conformational preference of N,N'-diaryl-N,N'-dimethyl ureas. *Physical Chemistry Chemical Physics*, **2010**, 12, 15056-64	3.6	28
168	Fused bicyclic piperidines and dihydropyridines by dearomatising cyclisation of the enolates of nicotinyl-substituted esters and ketones. *Beilstein Journal of Organic Chemistry*, **2010**, 6, 22	2.5	10
167	Nanometer-Range Communication of Stereochemical Information by Reversible Switching of Molecular Helicity. *Angewandte Chemie*, **2010**, 122, 6988-6991	3.6	16
166	Biocatalytic Desymmetrization of an Atropisomer with both an Enantioselective Oxidase and Ketoreductases. *Angewandte Chemie*, **2010**, 122, 7164-7167	3.6	13
165	Nanometer-range communication of stereochemical information by reversible switching of molecular helicity. *Angewandte Chemie - International Edition*, **2010**, 49, 6836-9	16.4	60
164	Biocatalytic desymmetrization of an atropisomer with both an enantioselective oxidase and ketoreductases. *Angewandte Chemie - International Edition*, **2010**, 49, 7010-3	16.4	46
163	Conformational studies of tertiary oligo-m-benzanilides and oligo-p-benzanilides in solution. *Tetrahedron*, **2010**, 66, 6936-6957	2.4	22
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2	Directed metallation of aromatic compounds495-646		29
1	Non-Biaryl Atropisomers: New Classes of Chiral Reagents, Auxiliaries and Ligands?48-52		2