

Jonathan Clayden

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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	The challenge of atropisomerism in drug discovery. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6398-401	16.4	459
312	Ultra-remote stereocontrol by conformational communication of information along a carbon chain. <i>Nature</i> , 2004 , 431, 966-71	50.4	184
311	Barriers to rotation about the chiral axis of tertiary aromatic amides. <i>Tetrahedron</i> , 1998 , 54, 13277-13294	4.4	156
310	Asymmetric synthesis of tertiary thiols and thioethers. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 582-95	2.5	154
309	Quaternary centres bearing nitrogen (β -tertiary amines) as products of molecular rearrangements. <i>Chemical Communications</i> , 2011 , 47, 4624-39	5.8	143
308	Atropisomerie als Herausforderung in der Medikamentenentwicklung. <i>Angewandte Chemie</i> , 2009 , 121, 6516-6520	3.6	139
307	Non-Biaryl Atropisomers: New Classes of Chiral Reagents, Auxiliaries, and Ligands?. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 949-951		132
306	Substituted diarylmethylamines by stereospecific intramolecular electrophilic arylation of lithiated ureas. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7488-9	16.4	121
305	Atropisomeric amides as chiral ligands: using (-)-sparteine-directed enantioselective silylation to control the conformation of a stereogenic axis. <i>Journal of Organic Chemistry</i> , 2000 , 65, 7033-40	4.2	120
304	Conformational photoswitching of a synthetic peptide foldamer bound within a phospholipid bilayer. <i>Science</i> , 2016 , 352, 575-80	33.3	115
303	Dynamic foldamer chemistry. <i>Chemical Communications</i> , 2016 , 52, 4852-63	5.8	111
302	The urea renaissance. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 12148-55	16.4	102
301	Transmission of stereochemical information over nanometre distances in chemical reactions. <i>Chemical Society Reviews</i> , 2009 , 38, 817-29	58.5	100
300	Atropisomers and near-atropisomers: achieving stereoselectivity by exploiting the conformational preferences of aromatic amides. <i>Chemical Communications</i> , 2004 , 127-35	5.8	96
299	Medium-Ring Nitrogen Heterocycles through Migratory Ring Expansion of Metalated Ureas. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11153-7	16.4	93
298	Quantifying end-to-end conformational communication of chirality through an achiral peptide chain. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5962-5	16.4	92
297	Controlling axial conformation in 2-arylpyridines and 1-arylisquinolines: application to the asymmetric synthesis of QUINAP by dynamic thermodynamic resolution. <i>Journal of the American Chemical Society</i> , 2009 , 131, 5331-43	16.4	92

296	Concerted Rotation in a Tertiary Aromatic Amide: Towards a Simple Molecular Gear. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 1937-1939	16.4	91
295	Lithium-sulfoxide-lithium exchange for the asymmetric synthesis of atropisomers under thermodynamic control. <i>Journal of the American Chemical Society</i> , 2002 , 124, 5266-7	16.4	88
294	Foldamer-mediated remote stereocontrol: >1,60 asymmetric induction. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 151-5	16.4	87
293	Alpha-pyridylation of chiral amines via urea coupling, lithiation and rearrangement. <i>Organic Letters</i> , 2008 , 10, 3567-70	6.2	86
292	End-to-end conformational communication through a synthetic purinergic receptor by ligand-induced helicity switching. <i>Nature Chemistry</i> , 2013 , 5, 853-60	17.6	81
291	Ligand-modulated conformational switching in a fully synthetic membrane-bound receptor. <i>Nature Chemistry</i> , 2017 , 9, 420-425	17.6	77
290	Chemistry of domoic acid, isodomoic acids, and their analogues. <i>Tetrahedron</i> , 2005 , 61, 5713-5724	2.4	77
289	Helix persistence and breakdown in oligoureas of metaphenylenediamine: apparent diastereotopicity as a spectroscopic marker of helix length in solution. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15193-202	16.4	74
288	Stereocontrol with Rotationally Restricted Amides. <i>Synlett</i> , 1998 , 1998, 810-816	2.2	74
287	The synthesis of (-)-isodomoic acid C. <i>Journal of the American Chemical Society</i> , 2005 , 127, 2412-3	16.4	73
286	Stereodynamics of bond rotation in tertiary aromatic amides. <i>Chemistry - A European Journal</i> , 2002 , 8, 1279-89	4.8	72
285	Induction of unexpected left-handed helicity by an N-terminal L-amino acid in an otherwise achiral peptide chain. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1395-9	16.4	68
284	Measuring screw-sense preference in a helical oligomer by comparison of ¹³ C NMR signal separation at slow and fast exchange. <i>Journal of the American Chemical Society</i> , 2011 , 133, 3712-5	16.4	67
283	Atroposelectivity in the reactions of ortholithiated aromatic tertiaryamides with aldehydes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997 , 2607-2616		67
282	N-versus C-terminal control over the screw-sense preference of the configurationally achiral, conformationally helical peptide motif Aib(8)GlyAib(8). <i>Journal of the American Chemical Society</i> , 2010 , 132, 4548-9	16.4	64
281	The twisted amide 2-quinuclidone: 60 years in the making. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7118-20	16.4	64
280	Length-Dependent Formation of Transmembrane Pores by 310-Helical β -Aminoisobutyric Acid Foldamers. <i>Journal of the American Chemical Society</i> , 2016 , 138, 688-95	16.4	62
279	Pathways for decomposition of THF by organolithiums: the role of HMPA. <i>New Journal of Chemistry</i> , 2002 , 26, 191-192	3.6	61

278	Diastereomeric ratio determination by high sensitivity band-selective pure shift NMR spectroscopy. <i>Chemical Communications</i> , 2014 , 50, 2512-4	5.8	60
277	Nanometer-range communication of stereochemical information by reversible switching of molecular helicity. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6836-9	16.4	60
276	Biocatalytic Dynamic Kinetic Resolution for the Synthesis of Atropisomeric Biaryl N-Oxide Lewis Base Catalysts. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10755-9	16.4	60
275	Slow interconversion of enantiomeric conformers or atropisomers of anilide and urea derivatives of 2-substituted anilines. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 3173-83	3.9	59
274	Conformationally Interlocked Amides: Remote Asymmetric Induction by Mechanical Transfer of Stereochemical Information. <i>Tetrahedron Letters</i> , 1998 , 39, 105-108	2	58
273	Tandem beta-alkylation-alpha-arylation of amines by carbolithiation and rearrangement of N-carbamoyl enamines (vinyl ureas). <i>Journal of the American Chemical Society</i> , 2010 , 132, 6624-5	16.4	56
272	Stereochemical relays: communication via conformation. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 2667-78	3.9	56
271	Refoldable Foldamers: Global Conformational Switching by Deletion or Insertion of a Single Hydrogen Bond. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2132-6	16.4	56
270	Asymmetric β -arylation of amino acids. <i>Nature</i> , 2018 , 562, 105-109	50.4	56
269	Dynamic resolution of atropisomeric amides using proline-derived imidazolines and ephedrine-derived oxazolidines. <i>Tetrahedron</i> , 2004 , 60, 4399-4412	2.4	55
268	Three groups good, four groups bad? Atropisomerism in ortho-substituted diaryl ethers. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 5803-7	16.4	54
267	Synthesis of (R)-kainic acid using chiral lithium amides in an asymmetric dearomatizing cyclization. <i>Tetrahedron</i> , 2002 , 58, 4727-4733	2.4	54
266	Medium-Sized-Ring Analogues of Dibenzodiazepines by a Conformationally Induced Smiles Ring Expansion. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14602-14606	16.4	53
265	Enantioselective synthesis of an atropisomeric diaryl ether. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3234-7	16.4	49
264	Synthesis of (R)-kainic acid by dearomatizing cyclisation of a lithiated N-benzyl p-anisamide. <i>Chemical Communications</i> , 2000 , 317-318	5.8	49
263	Synthesis of (-)-(S,S)-clemastine by invertive N \rightarrow C aryl migration in a lithiated carbamate. <i>Organic Letters</i> , 2010 , 12, 2222-5	6.2	48
262	Asymmetric deprotonation and dearomatizing cyclisation of N-benzyl benzamides using chiral lithium amides: formal synthesis of (-)-kainic acid. <i>Chemical Communications</i> , 2002 , 38-9	5.8	48
261	N to C aryl migration in lithiated carbamates: alpha-arylation of benzylic alcohols. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3410-1	16.4	47

260	Anionic cyclisations of an N-benzyl naphthamide: a route to benzo[e]isoindolones. <i>Chemical Communications</i> , 1998 , 297-298	5.8	47
259	(Δ^1)Ephedrine as an auxiliary for the asymmetric synthesis of atropisomeric amides by dynamic resolution under thermodynamic control. <i>Tetrahedron Letters</i> , 2001 , 42, 3163-3166	2	47
258	Medium-Ring Nitrogen Heterocycles through Migratory Ring Expansion of Metalated Ureas. <i>Angewandte Chemie</i> , 2016 , 128, 11319-11323	3.6	47
257	Biocatalytic desymmetrization of an atropisomer with both an enantioselective oxidase and ketoreductases. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7010-3	16.4	46
256	Controlling the regioselectivity of lithiation using kinetic isotope effects: Deuterium as a protecting group for carbon. <i>Tetrahedron Letters</i> , 1998 , 39, 8377-8380	2	46
255	Using amide conformation to project the stereochemistry of an (Δ^1)ephedrine-derived oxazolidine: a pair of pseudoenantiomeric chiral amido-phosphine ligands. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 695-698		46
254	Intramolecular vinylation of secondary and tertiary organolithiums. <i>Journal of the American Chemical Society</i> , 2012 , 134, 7286-9	16.4	45
253	Sequential double β -arylation of N-allylureas by asymmetric deprotonation and N->C aryl migration. <i>Organic Letters</i> , 2010 , 12, 5442-5	6.2	45
252	Electrophile-induced dearomatizing spirocyclization of N-arylisonicotinamides: a route to spirocyclic piperidines. <i>Organic Letters</i> , 2008 , 10, 3089-92	6.2	45
251	Dearomatizing cyclisations of lithiated N-benzylbenzamides. <i>Chemical Communications</i> , 1999 , 231-232	5.8	45
250	Conformational Switching of a Foldamer in a Multicomponent System by pH-Filtered Selection between Competing Noncovalent Interactions. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6680-91	16.4	44
249	Helical Foldamers Incorporating Photoswitchable Residues for Light-Mediated Modulation of Conformational Preference. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8007-18	16.4	44
248	Dearomatizing anionic cyclization of substituted N-cumyl-N-benzyl-benzamides on treatment with LDA: synthesis of partially saturated substituted isoindolones. <i>Organic Letters</i> , 2000 , 2, 4229-32	6.2	44
247	Bonded peri-interactions govern the rate of racemisation of atropisomeric 8-substituted 1-naphthamides. <i>Chemical Communications</i> , 1999 , 2059-2060	5.8	44
246	Amines bearing tertiary substituents by tandem enantioselective carbolithiation-rearrangement of vinylureas. <i>Organic Letters</i> , 2013 , 15, 34-7	6.2	41
245	Heavily Substituted Atropisomeric Diarylamines by Unactivated Smiles Rearrangement of N-Aryl Anthranilamides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12533-12537	16.4	40
244	Anion translocation in organolithiums: A mechanism for the lithiation and cyclisation of tertiary naphthamides. <i>Tetrahedron Letters</i> , 1998 , 39, 6103-6106	2	40
243	2,3-Dihydroisoindolones by cyclisation and rearomatisation of lithiated benzamides. <i>Tetrahedron Letters</i> , 2003 , 44, 3059-3062	2	40

242	Dearomatizing cyclisation of lithiated 1-naphthamides with a phenylglycinol-derived chiral auxiliary: asymmetric synthesis of an arylkainoid and a kainoid-like pyroglutamate. <i>Tetrahedron Letters</i> , 2001 , 42, 3411-3414	2	40
241	Perilithiation and the synthesis of 8-substituted-1-naphthamides. <i>Tetrahedron</i> , 1999 , 55, 14161-14184	2.4	40
240	Nickel-catalysed substitutions of aryl tert-butyl sulfones with organometallic reagents: synthesis of ortho-substituted unsymmetrical biaryls. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 7		40
239	Engineering the structure of an N-terminal β -turn to maximize screw-sense preference in achiral helical peptide chains. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4659-75	4.2	39
238	Chemical communication: conductors and insulators of screw-sense preference between helical oligo(aminoisobutyric acid) domains. <i>Chemical Communications</i> , 2012 , 48, 3397-9	5.8	39
237	Stereospecificity and stereoselectivity in electrophilic substitution reactions of non-alpha-heterosubstituted organolithiums and stannanes: a rotationally restricted amide as an internal stereochemical marker. <i>Journal of the American Chemical Society</i> , 2001 , 123, 12449-57	16.4	39
236	Pseudoephedrine-Directed Asymmetric β -Arylation of β -Amino Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8961-5	16.4	38
235	Sulfoxides as β -faceless β -resolving agents for the synthesis of atropisomers by dynamic or classical resolution. <i>Tetrahedron</i> , 2004 , 60, 4387-4397	2.4	38
234	Dearomatizing cyclization of arylsulfonylalkoxymethyl lithiums: a route to the podophyllotoxin skeleton. <i>Organic Letters</i> , 2003 , 5, 831-4	6.2	38
233	The First Crystallographic Evidence for the Structures of ortho-Lithiated Aromatic Tertiary Amides. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 1238-1240	16.4	38
232	Dynamically resolved peri-substituted 2-formyl naphthamides: a new class of atropisomeric chiral auxiliary. <i>Tetrahedron Letters</i> , 2000 , 41, 3279-3283	2	38
231	Diastereoisomeric atropisomers from the addition of lithiated N,N-dialkyl-1-naphthamides to aldehydes. <i>Tetrahedron Letters</i> , 1995 , 36, 9219-9222	2	38
230	Asymmetric induction using atropisomers: Diastereoselective additions to 2-acyl-1-naphthamides. <i>Tetrahedron Letters</i> , 1996 , 37, 5577-5580	2	38
229	Azabicyclic amino acids by stereoselective dearomatizing cyclization of the enolates of N-nicotinoyl glycine derivatives. <i>Organic Letters</i> , 2006 , 8, 5325-8	6.2	37
228	Synthesis of a potent (β)-4-(2-hydroxyphenyl) analogue of the acromelic acids by dearomatizing cyclisation of a lithiated N-p-methoxybenzyl-4-methoxy-1-naphthamide. <i>Tetrahedron Letters</i> , 2001 , 42, 3407-3410	2	37
227	ortho-Substituted unsymmetrical biaryls from aryl tert-butyl sulfones. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 1682		36
226	Left-handed helical preference in an achiral peptide chain is induced by an L-amino acid in an N-terminal type II β -turn. <i>Journal of Organic Chemistry</i> , 2013 , 78, 2248-55	4.2	35
225	Configurational Stability and Stereospecificity in the Reactions of Amide-Stabilised Organolithiums: A Non-Stereospecific Tin-Lithium Exchange. <i>Tetrahedron Letters</i> , 1997 , 38, 2565-2568	2	35

224	Cyclization of lithiated pyridine and quinoline carboxamides: synthesis of partially saturated pyrrolopyridines and spirocyclic beta-lactams. <i>Organic Letters</i> , 2005 , 7, 3673-6	6.2	35
223	Conformational preference in aromatic amides bearing chiral ortho substituents: its origin and application to relayed stereocontrol. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 424-43	3.9	35
222	Atropisomeric benzamides and naphthamides as chiral auxiliaries. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 3232-3249		35
221	Conformational preference and remote (1,10) stereocontrol in biphenyl-2,2'-dicarboxamides. <i>Organic Letters</i> , 2001 , 3, 4133-6	6.2	35
220	Chemoenzymatic Synthesis of Substituted Azepanes by Sequential Biocatalytic Reduction and Organolithium-Mediated Rearrangement. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17872-17877	16.4	35
219	Cyclisations of Organolithiums onto Aromatic Rings. <i>Synthesis</i> , 2004 , 2004, 1721-1736	2.9	34
218	Beta-lactams or gamma-lactams by 4-exo-trig or 5-endo-trig anionic cyclisation of lithiated acrylamide derivatives. <i>Chemical Communications</i> , 2003 , 2582-3	5.8	34
217	Enantioselective synthesis of tertiary thiols by intramolecular arylation of lithiated thiocarbamates. <i>Chemical Communications</i> , 2011 , 47, 3395-7	5.8	33
216	Can relief of ring-strain in a cyclopropylmethylolithium drive the Brook rearrangement?. <i>Tetrahedron</i> , 2005 , 61, 3195-3203	2.4	33
215	Flaws in foldamers: conformational uniformity and signal decay in achiral helical peptide oligomers. <i>Chemical Science</i> , 2015 , 6, 2313-2322	9.4	32
214	2,2- and 2,6-Diarylpiperidines by aryl migration within lithiated urea derivatives of tetrahydropyridines. <i>Organic Letters</i> , 2015 , 17, 1236-9	6.2	32
213	Tertiary alcohols by tandem carbolithiation and N->C aryl migration in enol carbamates. <i>Organic Letters</i> , 2012 , 14, 142-5	6.2	32
212	A general synthetic approach to the amnesic shellfish toxins: total synthesis of (-)-isodomoic acid B, (-)-isodomoic acid E and (-)-isodomoic acid F. <i>Chemical Communications</i> , 2011 , 47, 3745-7	5.8	32
211	N,N'-diarylureas: a new family of atropisomers exhibiting highly diastereoselective reactivity. <i>Journal of Organic Chemistry</i> , 2008 , 73, 4415-23	4.2	32
210	Synthesis and stacked conformations of symmetrical and unsymmetrical oligo-ureas of metaphenylenediamine. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2302-8	4.2	32
209	Stereoselective dearomatizing addition of nucleophiles to uncomplexed benzene rings: a route to carbocyclic sugar analogues. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5060-2	16.4	32
208	Nucleophilic addition to electron-rich heteroaromatics: dearomatizing anionic cyclizations of pyrrolocarboxamides. <i>Organic Letters</i> , 2004 , 6, 609-11	6.2	32
207	Atropisomerism at C-S bonds: asymmetric synthesis of diaryl sulfones by dynamic resolution under thermodynamic control. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6270-3	16.4	31

206	Lithium choreography: intramolecular arylations of carbamate-stabilised carbanions and their mechanisms probed by in situ IR spectroscopy and DFT calculations. <i>Chemistry - A European Journal</i> , 2012 , 18, 16478-90	4.8	30
205	Synthesis of enantiomerically enriched (R)-C-labelled 2-aminoisobutyric acid (Aib) by conformational memory in the alkylation of a derivative of L-alanine. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 1304-9	2.5	30
204	Atroposelectivity in the Reactions of Laterally Lithiated Tertiary Amides. <i>Tetrahedron Letters</i> , 1997 , 38, 2561-2564	2	30
203	Ring-selective functionalization of N,N'-diarylureas by regioselective N-alkylation and directed ortho metalation. <i>Organic Letters</i> , 2005 , 7, 3147-50	6.2	30
202	Atroposelective attack of nucleophiles on 2-formyl-1-naphthamides and their derivatives: chelation and non-chelation control. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 1363-1378		30
201	Asymmetric synthesis of enantiomerically enriched atropisomeric amides by desymmetrisation of N,N-dialkylmesitamides. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001 , 371-375		30
200	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. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 731-743	3.2	29
199	Intramolecular arylation of amino acid enolates. <i>Chemical Communications</i> , 2013 , 49, 9734-6	5.8	29
198	Relaying stereochemistry through aromatic ureas: 1,9 and 1,15 remote stereocontrol. <i>Chemical Communications</i> , 2009 , 547-9	5.8	29
197	Directed metallation of aromatic compounds		29
196	Synthesis of β -methyl kainic acid by stereospecific lithiation β aromatizing cyclization of a chiral benzamide. <i>Tetrahedron Letters</i> , 2003 , 44, 3397-3400	2	29
195	Biocatalytic Dynamic Kinetic Resolution for the Synthesis of Atropisomeric Biaryl N-Oxide Lewis Base Catalysts. <i>Angewandte Chemie</i> , 2016 , 128, 10913-10917	3.6	28
194	The origin of the conformational preference of N,N'-diaryl-N,N'-dimethyl ureas. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 15056-64	3.6	28
193	Quantifying End-to-End Conformational Communication of Chirality through an Achiral Peptide Chain. <i>Angewandte Chemie</i> , 2009 , 121, 6076-6079	3.6	28
192	Enantiomerically enriched atropisomeric N,N'-diaryl ureas by oxidative kinetic resolution of their 2-sulfanyl derivatives. <i>Tetrahedron Letters</i> , 2009 , 50, 3216-3219	2	28
191	Conformation and stereodynamics of 2,2'-disubstituted N,N'-diaryl ureas. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 2908-13	3.9	28
190	A tendril perversion in a helical oligomer: trapping and characterizing a mobile screw-sense reversal. <i>Chemical Science</i> , 2017 , 8, 3007-3018	9.4	27
189	Foldamer-Mediated Remote Stereocontrol: >1,60 Asymmetric Induction. <i>Angewandte Chemie</i> , 2014 , 126, 155-159	3.6	27

188	Diastereotopic fluorine substituents as ^{19}F NMR probes of screw-sense preference in helical foldamers. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 3168-76	3.9	27
187	Interruption of a 3(10)-helix by a single Gly residue in a poly-Aib motif: a crystallographic study. <i>Biopolymers</i> , 2011 , 95, 62-9	2.2	27
186	Dearomatising rearrangements of lithiated thiophenecarboxamides. <i>Chemical Communications</i> , 2004 , 2430-1	5.8	27
185	Using symmetry to monitor geared bond rotation in aromatic amides by dynamic NMR. <i>Organic Letters</i> , 2000 , 2, 3351-4	6.2	27
184	The meso Helix: Symmetry and Symmetry-Breaking in Dynamic Oligourea Foldamers with Reversible Hydrogen-Bond Polarity. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9657-61	16.4	27
183	Competing Hydrogen-Bond Polarities in a Dynamic Oligourea Foldamer: A Molecular Spring Torsion Balance. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3528-3531	16.4	26
182	Controlling the sign and magnitude of screw-sense preference from the C-terminus of an achiral helical foldamer. <i>Chemical Communications</i> , 2014 , 50, 7949-52	5.8	26
181	Die Harnstoff-Renaissance. <i>Angewandte Chemie</i> , 2011 , 123, 12354-12361	3.6	26
180	Nicht-Biaryl-Atropisomere: eine neue Klasse von chiralen Reagentien, Hilfsstoffen und Liganden?. <i>Angewandte Chemie</i> , 1997 , 109, 986-988	3.6	25
179	Controlling chemoselectivity in the lithiation of substituted aromatic tertiary amides. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2135-8	16.4	25
178	Stereospecific photochemical ring expansion of lithiated benzamides. <i>Journal of the American Chemical Society</i> , 2003 , 125, 9278-9	16.4	25
177	Dearomatizing annelation of five-membered rings to naphthalenes by organolithium cyclization. <i>Organic Letters</i> , 2002 , 4, 787-90	6.2	25
176	Photocatalytic Difunctionalization of Vinyl Ureas by Radical Addition Polar Truce-Smiles Rearrangement Cascades. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11600-11606	16.4	24
175	Achieving conformational control over C-C, C-N and C-O bonds in biaryls, N,N'-diarylureas and diaryl ethers: advantages of a relay axis. <i>Chemical Communications</i> , 2007 , 754-6	5.8	24
174	Synthesis of densely functionalised arenes using [2 + 2 + 2] cycloaddition reactions. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1028-30	3.9	24
173	Contra-Friedel-Crafts tert-butylation of substituted aromatic rings via directed metallation and sulfonylation. <i>Chemical Communications</i> , 2006 , 1393-4	5.8	24
172	Intermolecular Dearomatising Addition of Organolithium Compounds to N-Benzoylamides of 2,2,6,6-Tetramethylpiperidine. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 3558-3565	3.2	24
171	Stereospecific formation of tetrasubstituted centres from trisubstituted centres during dearomatising anionic cyclisations. <i>Tetrahedron Letters</i> , 1999 , 40, 8323-8326	2	24

170	Refoldable Foldamers: Global Conformational Switching by Deletion or Insertion of a Single Hydrogen Bond. <i>Angewandte Chemie</i> , 2016 , 128, 2172-2176	3.6	23
169	Induction of Unexpected Left-Handed Helicity by an N-Terminal L-Amino Acid in an Otherwise Achiral Peptide Chain. <i>Angewandte Chemie</i> , 2012 , 124, 1424-1428	3.6	23
168	Conformational communication between the Ar-CO and Ar-N axes in 2,2'-disubstituted benzanilides and their derivatives. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 2106-18	3.9	23
167	Lateral lithiation of N,N'-diaryl ureas. <i>Tetrahedron Letters</i> , 2006 , 47, 6945-6946	2	23
166	Axial chirality in xanthene-4,5-dicarboxamides: 1,9-stereocontrol mediated by remote interactions between conformationally constrained amide groups. <i>Tetrahedron Letters</i> , 2000 , 41, 5171-5175	2	23
165	Stereokontrolle in der organischen Synthese durch Verwendung der Diphenylphosphorylgruppe. <i>Angewandte Chemie</i> , 1996 , 108, 261-291	3.6	23
164	Consecutive Ring Expansion and Contraction for the Synthesis of 1-Aryl Tetrahydroisoquinolines and Tetrahydrobenzazepines from Readily Available Heterocyclic Precursors. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5788-5791	16.4	22
163	Tertiary thiols from allylic thiocarbamates by tandem enantioselective [3,3]-sigmatropic rearrangement and stereospecific arylation. <i>Organic Letters</i> , 2014 , 16, 1252-5	6.2	22
162	Manipulating the diastereoselectivity of ortholithiation in planar chiral ferrocenes. <i>Organic Letters</i> , 2013 , 15, 3334-7	6.2	22
161	Geometry-selective synthesis of E or Z N-vinyl ureas (N-carbamoyl enamines). <i>Organic Letters</i> , 2011 , 13, 296-9	6.2	22
160	Conformational studies of tertiary oligo-m-benzanilides and oligo-p-benzanilides in solution. <i>Tetrahedron</i> , 2010 , 66, 6936-6957	2.4	22
159	Palladium Catalyzed C-Arylation of Amino Acid Derived Hydantoins. <i>Organic Letters</i> , 2015 , 17, 3838-41	6.2	21
158	Mechanism of stabilization of helix secondary structure by constrained C β -tetrasubstituted β -amino acids. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 1350-61	3.4	21
157	Thionoglycine as a multifunctional spectroscopic reporter of screw-sense preference in helical foldamers. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 836-43	3.9	21
156	Enzymatic desymmetrising redox reactions for the asymmetric synthesis of biaryl atropisomers. <i>Chemistry - A European Journal</i> , 2014 , 20, 13084-8	4.8	21
155	Spirocyclic dihydropyridines by electrophile-induced dearomatizing cyclization of N-alkenyl pyridinecarboxamides. <i>Organic Letters</i> , 2013 , 15, 1922-5	6.2	21
154	Stereospecific Dearomatizing Cyclisation of Tertiary β -Amidoorganolithiums. <i>Synlett</i> , 2003 , 2003, 1701-1703	16.3	21
153	Using dipoles to control the directionality of functional groups: syn- and anti-oriented benzene-1,3-dicarboxamides. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1241-4	16.4	21

152	Asymmetric Ortholithiation of Amides by Conformationally Mediated Chiral Memory: An Enantioselective Route to Naphtho- and Benzofuranones. <i>Synlett</i> , 2005 , 2005, 1716-1720	2.2	21
151	Stereocontrolled synthesis of R or S E or Z unsaturated β -amino acids by enantio- and diastereoselective epoxidation of β -hydroxy allylic phosphine oxides. <i>Tetrahedron Letters</i> , 1993 , 34, 1327-1330	2.1	21
150	Medium-Sized-Ring Analogues of Dibenzodiazepines by a Conformationally Induced Smiles Ring Expansion. <i>Angewandte Chemie</i> , 2017 , 129, 14794-14798	3.6	20
149	Lithium Choreography Determines Contrasting Stereochemical Outcomes of Aryl Migrations in Benzylic Carbamates, Ureas and Thiocarbamates. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 953-959	3.2	20
148	Formation of water-soluble sulfonated azacalix[4]arenes from cyanuric chloride. <i>Tetrahedron Letters</i> , 2009 , 50, 3923-3925	2	20
147	Diastereoselective protonation of extended pyrrol-3-en-2-one enolates: an attempted β -epimerisation. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 2235-2241		20
146	Pyrrolidinone-fused Cyclohexenones by Regioselective Dearomatising Anionic Cyclisation of 2-, 3- or 4-Methoxybenzamides. <i>Synlett</i> , 2001 , 2001, 0302-0304	2.2	20
145	Synthesis of atropisomeric diamides with remotely related stereogenic axes by stereoselective additions to imines. <i>Tetrahedron Letters</i> , 1999 , 40, 3331-3334	2	20
144	Allylic sulfones as allyl anion equivalents: homoallylic alcohols from metal catalysed reactions of sulfones with aldehydes and ketones. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1905		20
143	Alkenyl oxazolidinones by stereoselective epoxidation of β -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. <i>Tetrahedron Letters</i> , 1993 , 34, 2203-2206	2	20
142	Transition Metal Free Cycloamination of Prenyl Carbamates and Ureas Promoted by Aryldiazonium Salts. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13587-13591	16.4	20
141	Inducing achiral aliphatic oligoureas to fold into helical conformations. <i>Chemical Communications</i> , 2014 , 50, 15006-9	5.8	19
140	Enantioselective Synthesis of an Atropisomeric Diaryl Ether. <i>Angewandte Chemie</i> , 2008 , 120, 3278-3281	3.6	19
139	Fast racemisation and slow epimerisation of laterally lithiated amides: stereochemical evidence for the mechanism of inversion of amide-substituted benzyllithiums. <i>Chemical Communications</i> , 2004 , 228-9	5.8	19
138	Atroposelectivity in the electrophilic substitution reactions of laterally lithiated and silylated tertiary amides. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002 , 901-917		19
137	Switchable foldamer ion channels with antibacterial activity. <i>Chemical Science</i> , 2020 , 11, 7023-7030	9.4	18
136	Bis-pyrene probes of foldamer conformation in solution and in phospholipid bilayers. <i>Chemical Science</i> , 2018 , 9, 6860-6870	9.4	18
135	Doubly dearomatising intramolecular coupling of a nucleophilic and an electrophilic heterocycle. <i>Chemical Communications</i> , 2009 , 1964-6	5.8	18

134	Kinetic and thermodynamic stereocontrol in the atroposelective formation of sulfoxides by oxidation of 2-sulfanyl-1-naphthamides. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 3898-904	3.9	18
133	Designing foldamer-foldamer interactions in solution: the roles of helix length and terminus functionality in promoting the self-association of aminoisobutyric acid oligomers. <i>Chemistry - A European Journal</i> , 2014 , 20, 15981-90	4.8	17
132	Diastereoselective synthesis of atropisomers containing two non-biaryl stereogenic axes: stereochemical relay through stereogenic centres in dihydrostilbene-2,2'-dicarboxamides. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 455-61	3.9	17
131	Dearomatizing disrotatory electrocyclic ring closure of lithiated N-benzoyloxazolidines. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1049-51	16.4	17
130	Variations in the solid-state, solution and theoretical structures of a laterally deprotonated aromatic tertiary amide. <i>Chemical Communications</i> , 2003 , 1694-1695	5.8	17
129	Atroposelective attack of nucleophiles and electrophiles on 2-acyl-1-naphthamides and their enolates. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 1351-1361		17
128	Atropisomeric diastereoisomers from nucleophilic attack on 8-acyl-1-naphthamides. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 1379-1385		17
127	1,3,4,5-Tetrahydroazepin-2-ones by Dearomatising Anionic Cyclisation of N-Allyl-1-Naphthamides. <i>Synlett</i> , 1999 , 1999, 1954-1956	2.2	17
126	Conformational cooperativity between helical domains of differing geometry in oligoamide-oligourea foldamer chimeras. <i>Chemical Communications</i> , 2015 , 51, 11802-5	5.8	16
125	β-Quaternary Proline Derivatives by Intramolecular Diastereoselective Arylation of N-Carboxamido Proline Ester Enolates. <i>Journal of Organic Chemistry</i> , 2015 , 80, 10757-68	4.2	16
124	Dihydrothiophenes containing quaternary stereogenic centres by sequential stereospecific rearrangements and ring-closing metathesis. <i>Chemical Communications</i> , 2014 , 50, 6754-7	5.8	16
123	Heavily Substituted Atropisomeric Diarylamines by Unactivated Smiles Rearrangement of N-Aryl Anthranilamides. <i>Angewandte Chemie</i> , 2017 , 129, 12707-12711	3.6	16
122	Enantioselective carbolithiation of S-alkenyl-N-aryl thiocarbamates: kinetic and thermodynamic control. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 2330-40	3.9	16
121	Is nevirapine atropisomeric? Experimental and computational evidence for rapid conformational inversion. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 716-9	3.9	16
120	Nanometer-Range Communication of Stereochemical Information by Reversible Switching of Molecular Helicity. <i>Angewandte Chemie</i> , 2010 , 122, 6988-6991	3.6	16
119	Diastereoselective reactions of optically active β-substituted vinyl phosphine oxides. <i>Tetrahedron Letters</i> , 1997 , 38, 3471-3474	2	16
118	Remote stereocontrol using rotationally restricted amides: (1,5)-asymmetric induction. <i>Tetrahedron Letters</i> , 1997 , 38, 8587-8590	2	16
117	(S)-2-(Dibenzylamino)-3-phenylpropanal as a chiral auxiliary: a new strategy for the asymmetric synthesis of 2-substituted alcohols. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 1427-1440		16

116	Three Groups Good, Four Groups Bad? Atropisomerism in ortho-Substituted Diaryl Ethers. <i>Angewandte Chemie</i> , 2006 , 118, 5935-5939	3.6	16
115	Regio- and Stereoselective Addition Reactions of Organolithiums. <i>Tetrahedron Organic Chemistry Series</i> , 2002 , 273-335		16
114	Diastereoselective ortholithiation and conformational control in stereospecific dearomatising anionic cyclisations. <i>Tetrahedron Letters</i> , 1999 , 40, 8327-8331	2	16
113	Asymmetric and Geometry-Selective β -Alkenylation of β -Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2418-2422	16.4	16
112	Substituted Dihydroisoquinolinones by Iodide-Promoted Cyclocarbonylation of Aromatic β -Amino Acids. <i>Organic Letters</i> , 2018 , 20, 7977-7981	6.2	16
111	Photocatalytic Difunctionalization of Vinyl Ureas by Radical Addition Polar Truce β miles Rearrangement Cascades. <i>Angewandte Chemie</i> , 2020 , 132, 11697-11703	3.6	15
110	Atropisomerism about aryl-Csp(3) bonds: the electronic and steric influence of ortho-substituents on conformational exchange in cannabidiol and linderatin derivatives. <i>Journal of Organic Chemistry</i> , 2014 , 79, 6015-27	4.2	15
109	Conformational analysis of helical aminoisobutyric acid (Aib) oligomers bearing C-terminal ester Schellman motifs. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 4124-31	3.9	15
108	Influence of achiral units with gem-dimethyl substituents on the helical character of aliphatic oligourea foldamers. <i>Chemical Communications</i> , 2013 , 49, 7415-7	5.8	15
107	Pseudoephedrine-Directed Asymmetric β -Arylation of β -Amino Acid Derivatives. <i>Angewandte Chemie</i> , 2015 , 127, 9089-9093	3.6	15
106	Carbolithiation of S-alkenyl-N-aryl thiocarbamates: carbanion arylation in a connective route to tertiary thiols. <i>Organic Letters</i> , 2013 , 15, 2116-9	6.2	15
105	Ligand effects in the formation of tertiary carbanions from substituted tertiary aromatic amides. <i>Chemistry - A European Journal</i> , 2011 , 17, 8078-84	4.8	15
104	Direct synthesis of sulfonated azacalixarenes in water. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4871-80	3.9	15
103	Connective synthesis of 5,5-disubstituted hydantoins by tandem β -amination and β -arylation of silyl ketene acetals. <i>Chemical Science</i> , 2019 , 10, 3408-3412	9.4	14
102	Origin of Helical Screw Sense Selectivity Induced by Chiral Constrained C β -Tetrasubstituted β -Amino Acids in Aib-based Peptides. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 14003-13	3.4	14
101	Reversible aryl migrations in metallated ureas: controlled inversion of configuration at a quaternary carbon atom. <i>Chemical Communications</i> , 2013 , 49, 1548-50	5.8	14
100	Asymmetric synthesis of biaryl atropisomers by dynamic resolution on condensation of biaryl aldehydes with (-)-ephedrine or a proline-derived diamine. <i>Beilstein Journal of Organic Chemistry</i> , 2008 , 4, 47	2.5	14
99	Transmitting information along oligo-para-phenylenes: 1,12-stereochemical control in a terphenyl tetracarboxamide. <i>Chemical Communications</i> , 2007 , 2357-9	5.8	14

98	Stereoselective Dearomatizing Addition of Nucleophiles to Uncomplexed Benzene Rings: A Route to Carbocyclic Sugar Analogues. <i>Angewandte Chemie</i> , 2008 , 120, 5138-5140	3.6	14
97	Addition of Lithiated Tertiary Aromatic Amides to Epoxides and Aziridines: Asymmetric Synthesis of (S)-(+)-Mellein. <i>Synlett</i> , 2006 , 2006, 873-876	2.2	14
96	Biocatalytic Desymmetrization of an Atropisomer with both an Enantioselective Oxidase and Ketoreductases. <i>Angewandte Chemie</i> , 2010 , 122, 7164-7167	3.6	13
95	Conformational arm-wrestling: battles for stereochemical control in benzamides bearing matched and mismatched chiral 2- and 6-substituents. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 444-54	3.9	13
94	The Role of Terminal Functionality in the Membrane and Antibacterial Activity of Peptaibol-Mimetic Aib Foldamers. <i>Chemistry - A European Journal</i> , 2018 , 24, 2249-2256	4.8	13
93	Stereospecific Intramolecular Arylation of 2- and 3-Pyridyl Substituted Alkylamines via Configurationally Stable π -Pyridyl Organolithiums. <i>Organic Letters</i> , 2017 , 19, 472-475	6.2	12
92	Atropisomerism in Diarylamines: Structural Requirements and Mechanisms of Conformational Interconversion. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18670-18678	16.4	12
91	Optically Active Vibrational Spectroscopy of π -Aminoisobutyric Acid Foldamers in Organic Solvents and Phospholipid Bilayers. <i>Chemistry - A European Journal</i> , 2018 , 24, 9399-9408	4.8	12
90	Organometallic reagents: deconstructing THF. <i>Nature Chemistry</i> , 2010 , 2, 523-4	17.6	12
89	Carbolithiation of aromatic rings: cyclohexadienes from N-aroyl-2,2,6,6-tetramethylpiperidines. <i>Chemical Communications</i> , 2002 , 2138-9	5.8	12
88	Diastereoisomeric atropisomers of peri-substituted naphthamides: synthesis, stereoselectivity and stability. <i>Tetrahedron Letters</i> , 1999 , 40, 7883-7887	2	12
87	Control over absolute (R,S), relative (syn,anti) and geometrical (E,Z) stereochemistry in the synthesis of allylically substituted alkenes from diphenylphosphinoyl epoxy alcohols. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 1913		12
86	Hindered diarylether and diarylsulfone bisphosphine ligands: atropisomerism and palladium complexes. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1355-1360		11
85	Conformational switching between diastereoisomeric atropisomers of arenedicarboxamides induced by complexation with Lewis acids. <i>Chemical Communications</i> , 2008 , 561-3	5.8	11
84	Synthesis of enantiomerically enriched isotopically-labelled anilines by π -sparteine directed lithiation. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 2218-2221		11
83	π -Selectiv π functionalisation of N-benzyl π -methylbenzylamine derivatives by π -lithiation and alkylation. <i>Tetrahedron Letters</i> , 2002 , 43, 1955-1959	2	11
82	Synthesis of atropisomeric 2-(1-aminoalkyl)-1-naphthamides by stereoselective addition of organolithiums to a 2-imino-1-naphthamide. <i>Tetrahedron Letters</i> , 1999 , 40, 3329-3330	2	11
81	Polycyclic Indoline Derivatives by Dearomatizing Anionic Cyclization of Indole and Tryptamine-Derived Ureas. <i>Organic Letters</i> , 2018 , 20, 5770-5773	6.2	11

80	Enantioselective Synthesis by Lithiation to Generate Planar or Axial Chirality. <i>Topics in Organometallic Chemistry</i> , 2003 , 251-286	0.6	11
79	Geometry-Retentive C-Alkenylation of Lithiated β -Aminonitriles: Quaternary β -Alkenyl Amino Acids and Hydantoins. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10750-10754	16.4	10
78	Screw sense alone can govern enantioselective extension of a helical peptide by kinetic resolution of a racemic amino acid. <i>Chemical Communications</i> , 2015 , 51, 10965-8	5.8	10
77	The N-terminal nonapeptide of cephaibols A and C: a naturally occurring example of mismatched helical screw-sense control. <i>Chemistry - A European Journal</i> , 2013 , 19, 16357-65	4.8	10
76	Carbamate-directed benzylic lithiation for the diastereo- and enantioselective synthesis of diaryl ether atropisomers. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 1327-33	2.5	10
75	Conformational preferences of a polar biaryl: a phase- and enantiomeric purity-dependent molecular hinge. <i>Organic Letters</i> , 2009 , 11, 2313-6	6.2	10
74	Fused bicyclic piperidines and dihydropyridines by dearomatising cyclisation of the enolates of nicotinyl-substituted esters and ketones. <i>Beilstein Journal of Organic Chemistry</i> , 2010 , 6, 22	2.5	10
73	Controlling Chemoselectivity in the Lithiation of Substituted Aromatic Tertiary Amides. <i>Angewandte Chemie</i> , 2004 , 116, 2187-2190	3.6	10
72	Kristallographische Befunde zur Struktur ortholithierter aromatischer tertiärer Amide. <i>Angewandte Chemie</i> , 2001 , 113, 1282-1285	3.6	10
71	N-Chloroformylimidazolidinone Enolates as 1,3-Dipolar Reagents for the Stereoselective Synthesis of 3,4-Dihydroisoquinolones. <i>Organic Letters</i> , 2019 , 21, 1908-1911	6.2	9
70	Participation of non-aminoisobutyric acid (Aib) residues in the 310 helical conformation of Aib-rich foldamers: a solid state study. <i>New Journal of Chemistry</i> , 2015 , 39, 3288-3294	3.6	9
69	Synthesis of 1-Arylcycloalkenamines by Intramolecular Arylation of Lithiated Ureas. <i>Organic Process Research and Development</i> , 2014 , 18, 1245-1252	3.9	9
68	Structural Influences in Lithium Pentadienylsilane Complexes. <i>Organometallics</i> , 2013 , 32, 4448-4451	3.8	9
67	Asymmetric epoxidation and kinetic resolution of allylic phosphine oxides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 2811		9
66	Homoallylic alcohols from samarium diiodide-mediated coupling of allylic sulfones with carbonyl compounds. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 2261		9
65	Signal transduction in oligoamide foldamers by selective non-covalent binding of chiral phosphates at a urea binding site. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 3585-3589	3.9	8
64	Consecutive Ring Expansion and Contraction for the Synthesis of 1-Aryl Tetrahydroisoquinolines and Tetrahydrobenzazepines from Readily Available Heterocyclic Precursors. <i>Angewandte Chemie</i> , 2018 , 130, 5890-5893	3.6	8
63	Remote conformational responses to enantiomeric excess in carboxylate-binding dynamic foldamers. <i>Chemical Communications</i> , 2019 , 55, 9331-9334	5.8	8

62	Dibenzazepinyl ureas as dual NMR and CD probes of helical screw-sense preference in conformationally equilibrating dynamic foldamers. <i>Chemical Communications</i> , 2017 , 53, 10768-10771	5.8	8
61	Synthesis of 2,2?,6-Trisubstituted and 2,2?,6,6?-Tetrasubstituted Diaryl Sulfides and Diaryl Sulfones by Copper-Promoted Coupling and/or Ortholithiation. <i>Synlett</i> , 2009 , 2009, 2769-2772	2.2	8
60	Atropisomerism at C?S Bonds: Asymmetric Synthesis of Diaryl Sulfones by Dynamic Resolution Under Thermodynamic Control. <i>Angewandte Chemie</i> , 2009 , 121, 6388-6391	3.6	8
59	Attack on fluorinated 2-aryloxazolines by organolithiums: dearomatisation, lithiation or substitution. <i>Tetrahedron Letters</i> , 2011 , 52, 2436-2439	2	8
58	Asymmetric epoxidations and kinetic resolutions of η hydroxy allylic phosphine oxides. <i>Tetrahedron Letters</i> , 1992 , 33, 7043-7046	2	8
57	Helical peptaibol mimics are better ionophores when racemic than when enantiopure. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 9580-4	3.9	7
56	β -Arylation of Cyclic Amines by Aryl Transfer in Lithiated Ureas. <i>Synlett</i> , 2009 , 2009, 421-424	2.2	7
55	Regioselective Synthesis of Organolithiums by Deprotonation. <i>Tetrahedron Organic Chemistry Series</i> , 2002 , 9-109		7
54	The synthesis of η hydroxy allylic phosphine oxides by palladium(II)-catalysed allylic transposition. <i>Tetrahedron Letters</i> , 1992 , 33, 7039-7042	2	7
53	The meso Helix: Symmetry and Symmetry-Breaking in Dynamic Oligourea Foldamers with Reversible Hydrogen-Bond Polarity. <i>Angewandte Chemie</i> , 2016 , 128, 9809-9813	3.6	7
52	Directed Lithiation of Pentadienylsilanes. <i>Organometallics</i> , 2015 , 34, 2348-2355	3.8	6
51	Dearomatising cyclisation of lithiated allyl phenyl ethers: the role of an oxazoline substituent. <i>Tetrahedron Letters</i> , 2013 , 54, 4064-4066	2	6
50	Carbolithiation of N-alkenyl ureas and N-alkenyl carbamates. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 628-32	2.5	6
49	A One-Pot Synthesis of 2-Aryl-4,5-anti-diphenyloxazolines. <i>Synlett</i> , 2009 , 2009, 2836-2838	2.2	6
48	Oxidative fragmentation of bicyclic hydroxy silanes and stannanes: a strategy for the stereoselective synthesis of kainoids. <i>Tetrahedron Letters</i> , 2007 , 48, 8550-8553	2	6
47	Dearomatizing Disrotatory Electrocyclic Ring Closure of Lithiated N-Benzoyloxazolidines. <i>Angewandte Chemie</i> , 2002 , 114, 1091-1093	3.6	6
46	Lithiation and Stereoselective Transformations of 3-Aroyl-2,2,4,4-tetramethyloxazolidines (TMO Amides), a New Class of Acid-labile Atropisomeric Amides. <i>Synlett</i> , 2002 , 2002, 0290-0294	2.2	6
45	The synthesis of η hydroxy allylic phosphine oxides by palladium(II)-catalysed allylic acetate transposition. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993 , 2913-2923		6

44	Insight into the Mechanism of Action and Peptide-Membrane Interactions of Aib-Rich Peptides: Multitechnique Experimental and Theoretical Analysis. <i>ChemBioChem</i> , 2021 , 22, 1656-1667	3.8	6
43	Intramolecular vinylation of carbanions using N -acyl benzomorpholines as masked vinylureas and vinylcarbamates. <i>Comptes Rendus Chimie</i> , 2017 , 20, 634-642	2.7	5
42	β -Methyl phenylglycines by asymmetric β -arylation of alanine and their effect on the conformational preference of helical Aib foldamers. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 2757-2761	3.9	5
41	Chemistry: No turning back for motorized molecules. <i>Nature</i> , 2016 , 534, 187-8	50.4	5
40	Substituent effects on axial chirality in 1-aryl-3,4-dihydroisoquinolines: controlling the rate of bond rotation. <i>Tetrahedron</i> , 2016 , 72, 5172-5177	2.4	5
39	Geometry-Retentive C-Alkenylation of Lithiated β -Aminonitriles: Quaternary β -Alkenyl Amino Acids and Hydantoins. <i>Angewandte Chemie</i> , 2017 , 129, 10890-10894	3.6	5
38	On the control of secondary carbanion structure utilising ligand effects during directed metallation. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 50-60	2.5	5
37	Lithiated tertiary carbanions display variable coordination modes: evidence from DFT and NMR studies. <i>Chemistry - A European Journal</i> , 2012 , 18, 11036-45	4.8	5
36	N,N-Diisopropyl-1-naphthamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001 , 57, o292-o294	5	5
35	Stereoselective and Stereospecific Synthesis of Organolithiums. <i>Tetrahedron Organic Chemistry Series</i> , 2002 , 169-240		5
34	Atropisomerism in Diarylamines: Structural Requirements and Mechanisms of Conformational Interconversion. <i>Angewandte Chemie</i> , 2020 , 132, 18829-18837	3.6	5
33	Automated solid-phase concatenation of Aib residues to form long, water-soluble, helical peptides. <i>Chemical Communications</i> , 2020 , 56, 12049-12052	5.8	5
32	Triarylmethanes and their Medium-Ring Analogues by Unactivated Truce-Smiles Rearrangement of Benzanilides. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11272-11277	16.4	5
31	Enantioselectively functionalised phenytoin derivatives by auxiliary-directed N to C aryl migration in lithiated β -amino nitriles. <i>Chemical Communications</i> , 2018 , 54, 10985-10988	5.8	5
30	Amino Acid-Derived trans- N-Chloroformylimidazolidinones: Scalable, Stereoselective Synthesis, Structure, and Utility. <i>Journal of Organic Chemistry</i> , 2019 , 84, 7199-7206	4.2	4
29	Asymmetric and Geometry-Selective β -Alkenylation of β -Amino Acids. <i>Angewandte Chemie</i> , 2019 , 131, 2440-2444	3.6	4
28	Dearomatization and Aryl Migration in Organolithium Chemistry 2014 , 375-396		4
27	Additions of lithiated β -hydroxy alkylidiphenylphosphine oxides to aldehydes, and palladium(II)-catalysed allylic transpositions of bis-acetoxy alkylidiphenylphosphine oxides: synthesis of O-protected (E,E)- and (E,Z)hepta-2,4-dien-1-ol and of alkylidiphenylphosphine oxides bearing remotely related chiral centres. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 1529-1539		4

26	Extended Diethylglycine Homopeptides Formed by Desulfurization of Their Tetrahydrothiopyran Analogues. <i>Organic Letters</i> , 2019 , 21, 2209-2212	6.2	3
25	Geometry-selective synthesis of the unsaturated side chains of the isodomoic acids. <i>Tetrahedron</i> , 2015 , 71, 7204-7208	2.4	3
24	An Aliphatic Bischler-Napieralski Reaction: Dihydropyridones by Cyclocarbonylation of 3-Allylimidazolidin-4-ones. <i>Organic Letters</i> , 2020 , 22, 253-256	6.2	3
23	Hydantoin-bridged medium ring scaffolds by migratory insertion of urea-tethered nitrile anions into aromatic C-N bonds. <i>Chemical Science</i> , 2020 , 12, 2091-2096	9.4	3
22	Transition Metal Free Cycloamination of Prenyl Carbamates and Ureas Promoted by Aryldiazonium Salts. <i>Angewandte Chemie</i> , 2018 , 130, 13775-13779	3.6	3
21	A molecular communication channel consisting of a single reversible chain of hydrogen bonds in a conformationally flexible oligomer. <i>CheM</i> , 2021 , 7, 2460-2472	16.2	3
20	The First Crystallographic Evidence for the Structures of ortho-Lithiated Aromatic Tertiary Amides This work was supported by the UK EPSRC (M.A.H.), and St. Catharine's (R.P.D.) and Gonville & Caius (A.E.H.W.) Colleges, Cambridge.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 1238-1240	16.4	3
19	Supramolecular chemistry: Host in translation. <i>Nature Nanotechnology</i> , 2017 , 12, 403-404	28.7	2
18	S-Allyl Thiocarbamates from Allylic Alcohols by in situ [3,3]-Sigmatropic Rearrangement of a Thiocarbonyldiimidazole Adduct. <i>Synthesis</i> , 2012 , 44, 2723-2734	2.9	2
17	Synthesis of Multiplyortho-Substituted Diaryl Ethers via Lithiation and Oxidation of a Dibenzosiloxane (Phenoxasilin). <i>Synlett</i> , 2006 , 2006, 0745-0746	2.2	2
16	Total Synthesis of Kainoids by Dearomatizing Anionic Cyclization. <i>Strategies and Tactics in Organic Synthesis</i> , 2004 , 71-96	0.2	2
15	Using Dipoles to Control the Directionality of Functional Groups: Syn- and Anti-Oriented Benzene-1,3-dicarboxamides. <i>Angewandte Chemie</i> , 2005 , 117, 1267-1270	3.6	2
14	Binding of l-kynurenine to X. campestris tryptophan 2,3-dioxygenase. <i>Journal of Inorganic Biochemistry</i> , 2021 , 225, 111604	4.2	2
13	Non-Biaryl Atropisomers: New Classes of Chiral Reagents, Auxiliaries and Ligands?48-52		2
12	Stereoselective and Stereospecific Substitution Reactions of Organolithiums. <i>Tetrahedron Organic Chemistry Series</i> , 2002 , 241-271		1
11	Triarylmethanes and their Medium-Ring Analogues by Unactivated Truce-Smiths Rearrangement of Benzanilides. <i>Angewandte Chemie</i> , 2021 , 133, 11372-11377	3.6	1
10	'Reverse biomimetic' synthesis of l-arogenate and its stabilized analogues from l-tyrosine. <i>Chemical Science</i> , 2021 , 12, 11394-11398	9.4	1
9	Light-mediated control of activity in a photosensitive foldamer that mimics an esterase. <i>Chemical Communications</i> , 2021 , 57, 2269-2272	5.8	1

- 8 Concerted Rotation in a Tertiary Aromatic Amide: Towards a Simple Molecular Gear **1998**, 37, 1937 1
- 7 Non-Biaryl Atropisomers: New Classes of Chiral Reagents, Auxiliaries and Ligands? **2003**, 48-52 0
- 6 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
- 5 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
- 4 Scalable synthesis and coupling of quaternary β -arylated amino acids: β -aryl substituents are tolerated in β -helical peptides. *Chemical Science*, **2021**, 12, 9386-9390 9.4 0
- 3 Molecular Recognition by Zn(II)-Capped Dynamic Foldamers. *ChemistryOpen*, **2020**, 9, 338-345 2.3
- 2 Stuart Warren (24 Dec 1938-22 Mar 2020). *Organic and Biomolecular Chemistry*, **2020**, 18, 7236-7237 3.9
- 1 β -Methyl Allylic Amines from Allylic Alcohols by Mitsunobu Substitution Using β -Boc Ethyl Oxamate. *Journal of Organic Chemistry*, **2021**, 86, 8538-8543 4.2