

Stephen G Davies

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#	Paper	IF	Citations
374	The conjugate addition of enantiomerically pure lithium amides as homochiral ammonia equivalents: scope, limitations and synthetic applications. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 2833-2891		252
373	Asymmetric synthesis of R- β -amino butanoic acid and S- β -tyrosine: Homochiral lithium amide equivalents for Michael additions to α,β -unsaturated esters.. <i>Tetrahedron: Asymmetry</i> , 1991 , 2, 183-186		234
372	The conjugate addition of enantiomerically pure lithium amides as chiral ammonia equivalents part II: 2005-2011. <i>Tetrahedron: Asymmetry</i> , 2012 , 23, 1111-1153		103
371	Asymmetric synthesis of anti- β -alkyl- β -amino acids. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 1129-1139		98
370	Origins of the high stereoselectivity in the conjugate addition of lithium(β -methylbenzyl)benzylamide to t-butyl cinnamate. <i>Tetrahedron: Asymmetry</i> , 1994 , 5, 1999-2008		96
369	Asymmetric synthesis of N,O,O,O-tetra-acetyl d-lyxo-phytosphingosine, jaspine B (pachastrissamine), 2-epi-jaspine B, and deoxoprosopphylline via lithium amide conjugate addition. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 1665-73	3.9	94
368	4-Substituted-5,5-dimethyl oxazolidin-2-ones as effective chiral auxiliaries for enolate alkylations and Michael additions. <i>Tetrahedron: Asymmetry</i> , 1995 , 6, 671-674		94
367	Highly enantioselective organocatalysis of the Hajos-Parrish-Eder-Sauer-Wiechert reaction by the beta-amino acid cispentacin. <i>Chemical Communications</i> , 2005 , 3802-4	5.8	90
366	Asymmetric synthesis of vicinal amino alcohols: xestaminol C, sphinganine and sphingosine. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 1655-64	3.9	84
365	Asymmetric synthesis of syn- β -alkyl- β -amino acids. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 1141-1147		83
364	Asymmetric synthesis of cyclic β -amino acids and cyclic amines via sequential diastereoselective conjugate addition and ring closing metathesis. <i>Tetrahedron</i> , 2003 , 59, 3253-3265	2.4	81
363	Asymmetric synthesis of Sedum alkaloids via lithium amide conjugate addition. <i>Tetrahedron</i> , 2009 , 65, 10192-10213	2.4	80
362	An approach to identifying novel substrates of bacterial arylamine N-acetyltransferases. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 1227-34	3.4	79
361	Asymmetric synthesis of (β -(1R,2S)-cispentacin and related cis- and trans-2-amino cyclopentane- and cyclohexane-1-carboxylic acids. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 1411-1415		78
360	Chemical asymmetric synthesis. <i>Nature</i> , 1989 , 342, 631-636	50.4	78
359	Arene Chromium Tricarbonyl Stabilised Benzylic Carbocations. <i>Synlett</i> , 1993 , 1993, 323-332	2.2	77
358	Asymmetric alkylations using SuperQuat auxiliaries—An investigation into the synthesis and stability of enolates derived from 5,5-disubstituted oxazolidin-2-ones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999 , 387-398		75

- 357 Homochiral lithium amides for the asymmetric synthesis of α -amino acids. *Tetrahedron: Asymmetry*, **2006**, 17, 1793-1811 72
- 356 Asymmetric synthesis of N,O,O,O-tetra-acetyl d-lyxo-phytosphingosine, jaspine B (pachastrissamine) and its C(2)-epimer. *Tetrahedron: Asymmetry*, **2007**, 18, 2510-2513 71
- 355 Chemoselective debenylation of N-benzyl tertiary amines with ceric ammonium nitrate. *Journal of the Chemical Society, Perkin Transactions 1*, **2000**, 3765-3774 71
- 354 Stereoselective synthesis of homochiral α substituted o-methoxybenzyl alcohols via nucleophilic additions to kinetically resolved homochiral tricarbonyl (β -o-anisaldehyde)chromium(0).. *Tetrahedron: Asymmetry*, **1991**, 2, 139-156 70
- 353 An Expeditious Asymmetric Synthesis of (-)-(1R,2S) -Cispentacin. *Synlett*, **1993**, 1993, 461-462 2.2 69
- 352 Asymmetric syntheses of β -phenylalanine, β -methyl- β -phenylalanines and derivatives. *Journal of the Chemical Society Chemical Communications*, **1993**, 1153-1155 68
- 351 Selective small molecule inhibitors of the potential breast cancer marker, human arylamine N-acetyltransferase 1, and its murine homologue, mouse arylamine N-acetyltransferase 2. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 905-18 3.4 67
- 350 Evaluating beta-amino acids as enantioselective organocatalysts of the Hajos-Parrish-Eder-Sauer-Wiechert reaction. *Organic and Biomolecular Chemistry*, **2007**, 5, 3190-200 3.9 66
- 349 Asymmetric synthesis of the taxol and taxotax C-13 side chains. *Journal of the Chemical Society Perkin Transactions 1*, **1994**, 2385-2391 63
- 348 Asymmetric synthesis of polyhydroxylated pyrrolizidines via transannular iodoamination with concomitant N-debenzylation. *Organic Letters*, **2011**, 13, 1594-7 6.2 62
- 347 Asymmetric synthesis and applications of beta-amino Weinreb amides: asymmetric synthesis of (S)-coniine. *Organic and Biomolecular Chemistry*, **2004**, 2, 1387-94 3.9 62
- 346 Asymmetric synthesis of α -amino- β -hydroxy acids via diastereoselective hydroxylation of homochiral α -amino enolates. *Journal of the Chemical Society Perkin Transactions 1*, **1994**, 2373-2384 62
- 345 A Practical Procedure for the Multigram Synthesis of the SuperQuat Chiral Auxiliaries. *Synlett*, **1998**, 1998, 519-521 2.2 59
- 344 An Asymmetric Synthesis of N-Protected α -Amino Aldehydes and α -Amino Ketones. *Synlett*, **1995**, 1995, 700-702 2.2 59
- 343 Chiral propionate enolate equivalents for the stereoselective synthesis of threo- or erythro- β , β -methyl- β -hydroxy acids. *Tetrahedron Letters*, **1985**, 26, 2125-2128 2 59
- 342 Second-generation compound for the modulation of utrophin in the therapy of DMD. *Human Molecular Genetics*, **2015**, 24, 4212-24 5.6 58
- 341 Synthesis and in vitro evaluation of novel small molecule inhibitors of bacterial arylamine N-acetyltransferases (NATs). *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 2527-30 2.9 58
- 340 The SuperQuat(R)-4-phenyl-5,5-dimethyl oxazolidin-2-one as an effective chiral auxiliary for conjugate additions: Asymmetric synthesis of (β)-Aplysillamide B. *Tetrahedron*, **1999**, 55, 3337-3354 2.4 58

- 339 Kinetic resolution and parallel kinetic resolution of methyl (+/-)-5-alkyl-cyclopentene-1-carboxylates for the asymmetric synthesis of 5-alkyl-cispenicillin derivatives. *Organic and Biomolecular Chemistry*, **2005**, 3, 2762-75 3.9 57
- 338 Iodine-mediated ring-closing iodoamination with concomitant N-debenzylation for the asymmetric synthesis of polyhydroxylated pyrrolidines. *Tetrahedron: Asymmetry*, **2009**, 20, 758-772 56
- 337 Ammonium-directed oxidation of cyclic allylic and homoallylic amines. *Journal of Organic Chemistry*, **2009**, 74, 6735-48 4.2 56
- 336 Asymmetric synthesis of alpha substituted benzyl alcohols via the stereoselective addition of nucleophiles to homochiral tricarbonyl((E)-o-trialkylsilylbenzaldehyde)chromium(0) complexes. *Journal of the Chemical Society Perkin Transactions 1*, **1990**, 393-407 56
- 335 The asymmetric synthesis of lactams. *Tetrahedron*, **1986**, 42, 5123-5137 2.4 56
- 334 SuperQuat 5,5-dimethyl-4-iso-propyloxazolidin-2-one as a mimic of Evans 4-tert-butyloxazolidin-2-one. *Organic and Biomolecular Chemistry*, **2006**, 4, 2945-64 3.9 55
- 333 Ring Closing Metathesis for the Asymmetric Synthesis of (S)-Homopiperic Acid, (S)-Homoproline and (S)-Coniine. *Synlett*, **2002**, 2002, 1146-1148 2.2 55
- 332 Lithium ((E)-methylbenzyl)allylamide: a differentially protected chiral ammonia equivalent for the asymmetric synthesis of amino acids and lactams. *Journal of the Chemical Society Chemical Communications*, **1995**, 1109-1110 55
- 331 Asymmetric synthesis of (2S,3R)-3-amino-2-hydroxydecanoic acid: The unknown amino acid component of microginin. *Tetrahedron: Asymmetry*, **1994**, 5, 203-206 54
- 330 Beta-fluoroamphetamines via the stereoselective synthesis of benzylic fluorides. *Organic Letters*, **2010**, 12, 2936-9 6.2 53
- 329 Asymmetric synthesis of homochiral syn- and anti-3-phenylisoserine derivatives: a practical strategy for the synthesis of the taxol C-13 side chain. *Journal of the Chemical Society Perkin Transactions 1*, **1993**, 1375 53
- 328 Highly (E)-selective Wadsworth-Emmons reactions promoted by methylmagnesium bromide. *Organic Letters*, **2008**, 10, 5437-40 6.2 52
- 327 Ammonium-directed dihydroxylation of 3-aminocyclohex-1-enes: development of a metal-free dihydroxylation protocol. *Organic and Biomolecular Chemistry*, **2008**, 6, 3751-61 3.9 52
- 326 Jaspine B (pachastrissamine) and 2-epi-jaspine B: synthesis and structural assignment. *Tetrahedron: Asymmetry*, **2008**, 19, 1027-1047 52
- 325 Asymmetric synthesis of the N-terminal component of microginin: (2S,3R)-3-amino-2-hydroxydecanoic acid, its (2R,3R)-epimer and (3R)-3-aminodecanoic acid. *Tetrahedron: Asymmetry*, **1995**, 6, 165-176 52
- 324 Conjugate addition of lithium N-phenyl-N-((E)-methylbenzyl)amide: application to the asymmetric synthesis of (R)-(-)-angustureine. *Organic Letters*, **2011**, 13, 2544-7 6.2 50
- 323 An oxidation and ring contraction approach to the synthesis of (+/-)-1-deoxyojirimycin and (+/-)-1-deoxyaltronojirimycin. *Organic Letters*, **2010**, 12, 136-9 6.2 50
- 322 Asymmetric synthesis of beta2-amino acids: 2-substituted-3-aminopropanoic acids from N-acryloyl SuperQuat derivatives. *Organic and Biomolecular Chemistry*, **2007**, 5, 2812-25 3.9 50

321	Conformational control in the SuperQuat chiral auxiliary 5,5-dimethyl-4-iso-propyloxazolidin-2-one induces the iso-propyl group to mimic a tert-butyl group. <i>Chemical Communications</i> , 2000 , 1721-1722	5.8	48
320	A chiral relay auxiliary for the synthesis of homochiral β -amino acids. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 2321-2330		48
319	Asymmetric Synthesis of Allophenylnorstatine. <i>Synlett</i> , 1993 , 1993, 731-732	2.2	48
318	Chiral acetate enolate equivalent for the synthesis of β hydroxy acids and esters: X-ray crystal structure of RR,SS-(Γ -C ₅ H ₅)Fe(CO)(PPh ₃)(COCH ₂ CH(OH)CH ₂ CH ₃). <i>Journal of Organometallic Chemistry</i> , 1985 , 285, 213-223	2.3	48
317	Concise and highly selective asymmetric synthesis of acosamine from sorbic acid. <i>Tetrahedron Letters</i> , 2011 , 52, 2216-2220	2	47
316	Asymmetric synthesis of beta-amino-gamma-substituted-gamma-butyrolactones: double diastereoselective conjugate addition of homochiral lithium amides to homochiral alpha,beta-unsaturated esters. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 3922-31	3.9	47
315	Parallel synthesis of homochiral β amino acids. <i>Tetrahedron: Asymmetry</i> , 2007 , 18, 1554-1566		47
314	Asymmetric total synthesis of sperabillins B and D via lithium amide conjugate addition. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 2630-49	3.9	47
313	Chemoselective oxidative debenzoylation of tertiary N-benzyl amines. <i>Chemical Communications</i> , 2000 , 337-338	5.8	47
312	An expeditious asymmetric synthesis of allophenylnorstatine. <i>Tetrahedron</i> , 1994 , 50, 3975-3986	2.4	47
311	The use of lithium (β -methylbenzyl)allylamide for the asymmetric synthesis of unsaturated β amino acid derivatives. <i>Tetrahedron: Asymmetry</i> , 1997 , 8, 3387-3391		46
310	Ammonium-directed dihydroxylation: metal-free synthesis of the diastereoisomers of 3-aminocyclohexane-1,2-diol. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 3762-70	3.9	46
309	Asymmetric synthesis of (+)-negamycin. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 1919-1922		46
308	Use of lithium (β -methylbenzyl)allylamide for a formalasymmetric synthesis of thienamycin. <i>Chemical Communications</i> , 1997 , 565-566	5.8	45
307	SuperQuat N-acyl-5,5-dimethyloxazolidin-2-ones for the asymmetric synthesis of alpha-alkyl and beta-alkyl aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 2886-99	3.9	45
306	Asymmetric synthesis of anti-(2S,3S)- and syn-(2R,3S)-diaminobutanoic acid. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 3708-15	3.9	45
305	Conjugate addition of lithium N-tert-butyl dimethylsilyloxy-N-(β -methylbenzyl)amide: asymmetric synthesis of α,β,γ -trisubstituted amino acids. <i>Tetrahedron</i> , 2010 , 66, 4604-4620	2.4	43
304	Cyclic beta-amino acid derivatives: synthesis via lithium amide promoted tandem asymmetric conjugate addition-cyclisation reactions. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 1284-301	3.9	43

- 303 Asymmetric synthesis of (4R,5R)-cytoxazone and (4R,5S)-epi-cytoxazone. *Organic and Biomolecular Chemistry*, **2004**, 2, 1549-53 3.9 42
- 302 Doubly diastereoselective conjugate addition of homochiral lithium amides to homochiral alpha,beta-unsaturated esters containing cis- and trans-dioxolane units. *Organic and Biomolecular Chemistry*, **2009**, 7, 761-76 3.9 41
- 301 Syntheses of the enantiomers of 1-deoxynojirimycin and 1-deoxyaltronojirimycin via chemo- and diastereoselective olefinic oxidation of unsaturated amines. *Journal of Organic Chemistry*, **2010**, 75, 8133-46 4.2 40
- 300 "Pure by NMR"?. *Organic Letters*, **2008**, 10, 5433-6 6.2 40
- 299 Parallel kinetic resolution of tert-butyl (RS)-3-oxy-substituted cyclopent-1-ene-carboxylates for the asymmetric synthesis of 3-oxy-substituted cispentacin and transpentacin derivatives. *Organic and Biomolecular Chemistry*, **2008**, 6, 2195-203 3.9 40
- 298 Asymmetric synthesis of 2-alkyl- and 2-aryl-3-aminopropionic acids (beta2-amino acids) from (S)-N-acryloyl-5,5-dimethyloxazolidin-2-one SuperQuat derivatives. *Chemical Communications*, **2004**, 2778-9 5.8 40
- 297 Stereochemical control and mechanistic aspects of the alkylation of $[(\eta\text{-C}_5\text{H}_5)\text{Fe}(\text{L})(\text{CO})(\text{COCHR})]\text{Ti}^+$ (L = PPh₃, PPh₂NEt₂; R = Me, Et): X-ray crystal structure of $[(\eta\text{-C}_6\text{H}_5)\text{Fe}(\text{PPh}_3)(\text{CO})\{\text{COCH}(\text{Me})\text{Et}\}]$. *Journal of the Chemical Society Chemical Communications*, **1983**, 1202-1203 4.0
- 296 Asymmetric synthesis of (-)-martinellic acid. *Organic Letters*, **2013**, 15, 2050-3 6.2 39
- 295 Asymmetric synthesis of piperidines and octahydroindolizines using a one-pot ring-closure/N-debenzylation procedure. *Tetrahedron*, **2011**, 67, 9975-9992 2.4 39
- 294 Asymmetric synthesis of syn- and anti- β -deuterio- β -phenylalanine derivatives. *Tetrahedron: Asymmetry*, **2011**, 22, 1035-1050 3.9
- 293 Inhibition of mycobacterial arylamine N-acetyltransferase contributes to anti-mycobacterial activity of Warburgia salutaris. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 3579-86 3.4 39
- 292 Preparation of methyl (1R,2S,5S)- and (1S,2R,5R)-2-amino-5-tert-butyl-cyclopentane-1-carboxylates by parallel kinetic resolution of methyl (RS)-5-tert-butyl-cyclopentene-1-carboxylate. *Chemical Communications*, **2003**, 2410-1 5.8 39
- 291 Asymmetric Synthesis of (-)-Tetrahydrolipstatin. *Synlett*, **1991**, 1991, 781-782 2.2 39
- 290 Elaboration of acyl ligands: Preparation and reactivity of the anion $[(\eta\text{-C}_5\text{H}_5)\text{Fe}(\text{CO})(\text{PPh}_3)(\text{COCH}_2)]^-$. *Journal of Organometallic Chemistry*, **1984**, 262, 49-58 2.3 39
- 289 Stereoselective synthesis of erythro- β -hydroxy carboxylic acids via iron acyl complexes. *Tetrahedron Letters*, **1984**, 25, 2709-2712 2 39
- 288 Ring-closing iodoamination of homoallylic amines for the synthesis of β -polysubstituted pyrrolidines: application to the asymmetric synthesis of β -codonopsinine. *Tetrahedron*, **2012**, 68, 4302-4319 2.4 38
- 287 Asymmetric syntheses of (-)-1-deoxymannojirimycin and (+)-1-deoxyallonojirimycin via a ring-expansion approach. *Organic Letters*, **2013**, 15, 2042-5 6.2 38
- 286 Polyhydroxylated pyrrolizidine alkaloids from transannular iodoaminations: application to the asymmetric syntheses of (-)-hyacinthacine A1, (-)-7a-epi-hyacinthacine A1, (-)-hyacinthacine A2, and (-)-1-epi-alexine. *Organic and Biomolecular Chemistry*, **2013**, 11, 3187-202 3.9 38

- 285 Parallel kinetic resolution of methyl (RS)-5-tris(phenylthio)methyl-cyclopent-1-ene-carboxylate for the asymmetric synthesis of (1R,2S,5S)- and (1S,2R,5R)-5-methyl-cispentacin. *Tetrahedron: Asymmetry*, **2008**, 19, 1356-1362 38
- 284 Parallel kinetic resolution of tert-butyl (RS)-3-alkyl-cyclopentene-1-carboxylates for the asymmetric synthesis of 3-alkyl-cispentacin derivatives. *Organic and Biomolecular Chemistry*, **2004**, 2, 3355-62 3.9 38
- 283 Chiral relay auxiliary for the synthesis of enantiomerically pure β -amino acids. *Chemical Communications*, **1998**, 659-660 5.8 38
- 282 The diastereoselective functionalisation of arene tricarbonylchromium complexes containing a benzylic heteroatom substituent. *Journal of the Chemical Society Perkin Transactions 1*, **1987**, 1805 38
- 281 Asymmetric synthesis of the tropane alkaloid (+)-pseudococaine via ring-closing iodoamination. *Organic Letters*, **2012**, 14, 4278-81 6.2 37
- 280 Identification of arylamine N-acetyltransferase inhibitors as an approach towards novel anti-tuberculars. *Protein and Cell*, **2010**, 1, 82-95 7.2 37
- 279 Stereocontrolled tandem alkylations: Michael additions and subsequent alkylations of β,β -unsaturated acyl ligands bound to $[(\eta^5\text{-C}_5\text{H}_5)\text{Fe}(\text{CO})(\text{PPh}_3)]$. *Journal of the Chemical Society Chemical Communications*, **1985**, 209-210 36
- 278 A tandem conjugate addition/cyclization protocol for the asymmetric synthesis of 2-aryl-4-aminotetrahydroquinoline-3-carboxylic acid derivatives. *Organic Letters*, **2009**, 11, 1959-62 6.2 35
- 277 The Asymmetric Synthesis of d-Galactose via an Iterative syn-Glycolate Aldol Strategy. *Synlett*, **2002**, 2002, 1637-1640 2.2 35
- 276 SuperQuat, (S)-4-benzyl-5,5-dimethyl-oxazolidin-2-one for the asymmetric synthesis of β -substituted-aldehydes. *Tetrahedron: Asymmetry*, **2000**, 11, 3475-3479 35
- 275 The asymmetric synthesis of β -lactams. Stereocontrolled asymmetric tandem Michael additions and alkylations of β,β -unsaturated acyl ligands bound to the chiral auxiliary $[(\eta^5\text{-C}_5\text{H}_5)\text{Fe}(\text{CO})(\text{PPh}_3)]$. *Tetrahedron Letters*, **1986**, 27, 3787-3790 2 35
- 274 Elaboration of β -substituted benzyl alkyl ethers and sulphides by suppression of the Wittig and related rearrangements via complexation to tricarbonylchromium. *Journal of the Chemical Society Perkin Transactions 1*, **1986**, 1581-1589 35
- 273 Stereoselective preparation of β -amino-acyl iron complexes for β -lactam synthesis. *Tetrahedron Letters*, **1984**, 25, 1743-1744 2 35
- 272 Rules governing asymmetric synthesis with organotransition metal complexes. *Tetrahedron Letters*, **1984**, 25, 1845-1848 2 35
- 271 Iodine-mediated Ring Closing Alkene Iodoamination with N-Debenzylation for the Asymmetric Synthesis of Polyhydroxylated Pyrrolidines. *Synlett*, **2004**, 2004, 0901-0903 2.2 34
- 270 Orthogonal N,N-deprotection strategies of β -amino esters. *Journal of the Chemical Society, Perkin Transactions 1*, **2001**, 3106-3111 34
- 269 A formal synthesis of (β)-pumiliotoxin C. *Tetrahedron: Asymmetry*, **1996**, 7, 1595-1596 34
- 268 Bifunctional chiral auxiliaries 5: The synthesis of 1,3-diacylimidazolidine-2-thiones and 1,3-diacylimidazolidin-2-ones from 1,2-diamines. *Tetrahedron*, **1993**, 49, 4419-4438 2.4 34

- 267 Chiral acetate enolate equivalent for the synthesis of β -hydroxy acids. *Journal of the Chemical Society Chemical Communications*, **1984**, 956-957 34
- 266 Asymmetric synthesis of (R)-sitagliptin. *Tetrahedron Letters*, **2012**, 53, 3052-3055 2 33
- 265 One-pot conversions of olefins to cyclic carbonates and secondary allylic and homoallylic amines to cyclic carbamates. *Journal of Organic Chemistry*, **2010**, 75, 7745-56 4.2 33
- 264 Enantiospecific synthesis of (+)-(R)-1-phenyl-3-methyl-1,2,4,5-tetrahydrobenz[d]azepine from (+)-(S)-N-methyl-1-phenyl ethanolamine (halostachine) via arene chromium tricarbonyl methodology. *Tetrahedron Letters*, **1989**, 30, 3581-3588 2 33
- 263 Improved stereochemical control and mechanistic aspects of the alkylation of enolates derived from [(η -C₅H₅)Fe(CO)(PPh₃)COCH₂R]. *Tetrahedron Letters*, **1986**, 27, 623-626 2 33
- 262 Thiazolidine derivatives as potent and selective inhibitors of the PIM kinase family. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 2657-2665 3.4 32
- 261 Polysubstituted piperidines via iodolactonization: application to the asymmetric synthesis of (+)-pseudodistomin D. *Organic Letters*, **2012**, 14, 1672-5 6.2 32
- 260 Parallel kinetic resolution of tert-butyl (RS)-6-alkyl-cyclohex-1-ene-carboxylates for the asymmetric synthesis of 6-alkyl-substituted cishexacin derivatives. *Tetrahedron: Asymmetry*, **2008**, 19, 2870-2881 32
- 259 Asymmetric conjugate reductions with samarium diiodide: asymmetric synthesis of (2S,3R)- and (2S,3S)-[2-2H,3-2H]-leucine-(S)-phenylalanine dipeptides and (2S,3R)-[2-(2)H,3-2H]-phenylalanine methyl ester. *Organic and Biomolecular Chemistry*, **2005**, 3, 1435-47 3.9 32
- 258 Double asymmetric induction as a mechanistic probe: conjugate addition for the asymmetric synthesis of a pseudotripeptide. *Chemical Communications*, **2004**, 1128-9 5.8 32
- 257 Synthesis and utility of the 3,3-dimethyl-5-substituted-2-pyrrolidinone Quat chiral auxiliary. *Tetrahedron: Asymmetry*, **2002**, 13, 647-658 32
- 256 Oxazinanones as chiral auxiliaries: synthesis and evaluation in enolate alkylations and aldol reactions. *Organic and Biomolecular Chemistry*, **2006**, 4, 2753-68 3.9 31
- 255 Kinetic resolution of tert-butyl (RS)-3-alkylcyclopentene-1-carboxylates for the synthesis of homochiral 3-alkyl-cispenantacin and 3-alkyl-transpentacin derivatives. *Organic and Biomolecular Chemistry*, **2004**, 2, 3337-54 3.9 31
- 254 Asymmetric synthesis of the cis- and trans-stereoisomers of 4-aminopyrrolidine-3-carboxylic acid and 4-aminotetrahydrofuran-3-carboxylic acid. *Organic and Biomolecular Chemistry*, **2004**, 2, 2763-76 3.9 31
- 253 The asymmetric synthesis of (R)-captopril utilising the iron chiral auxiliary [(η -C₅H₅)Fe(CO)(PPh₃)]. *Tetrahedron Letters*, **1987**, 28, 5563-5564 2 31
- 252 Stereoselective elaboration of the acyl ligand in (η -C₅H₅)Fe(CO)(PPh₃)(COCH₂R) via the alkylation of the anions [(η -C₅H₅)Fe(CO)(PPh₃)(COCHR)]Li (R = Me, Et). *Journal of Organometallic Chemistry*, **1983**, 248, C1-C3 2.3 31
- 251 Trading N and O: asymmetric syntheses of β -hydroxy- β -amino acids via β -hydroxy- β -amino esters. *Tetrahedron*, **2013**, 69, 8885-8898 2.4 30
- 250 Highly diastereoselective and stereodivergent dihydroxylations of acyclic allylic amines: application to the asymmetric synthesis of 3,6-dideoxy-3-amino-L-talose. *Organic Letters*, **2011**, 13, 2606-9 6.2 30

- 249 Asymmetric syntheses of moiramide B and andrimid. *Journal of the Chemical Society Perkin Transactions 1*, **1998**, 2635-2644 30
- 248 Asymmetric synthesis of (R)-hexane-1,5-diol, (R)-hex-3-ene-1,5-diol and (R)-6-methylhept-5-en-2-ol (sulcatol) employing a tandem asymmetric conjugate addition and stereospecific Meisenheimer rearrangement protocol. *Journal of the Chemical Society Perkin Transactions 1*, **1996**, 2467 30
- 247 Synthesis of 5-substituted-3,3-dimethyl-2-pyrrolidinones: Quaternary chiral auxiliaries. *Tetrahedron Letters*, **1994**, 35, 2369-2372 2 30
- 246 Asymmetric synthesis of (R)-codonopsinine. *Tetrahedron Letters*, **2011**, 52, 6477-6480 2 29
- 245 Chemo- and diastereoselective cyclopropanation of allylic amines and carbamates. *Tetrahedron*, **2010**, 66, 8420-8440 2.4 29
- 244 Asymmetric synthesis of (R)- and (S)-methyl (2-methoxy-carbonylcyclopent-2-enyl)acetate and (R)- and (S)-2-(2-hydroxy-methyl-cyclopent-2-enyl)ethanol. *Tetrahedron: Asymmetry*, **1997**, 8, 2683-2685 29
- 243 Diastereoselective Simmons-Smith cyclopropanations of allylic amines and carbamates. *Chemical Communications*, **2007**, 4029-31 5.8 29
- 242 Asymmetric synthesis of tetrahydrolipstatin and valilactone. *Tetrahedron: Asymmetry*, **2008**, 19, 2620-2631 29
- 241 Syntheses of derivatives of L-daunosamine and its C-3 epimer employing as the key step the asymmetric conjugate addition of a homochiral lithium amide to tert-butyl (E,E)-hexa-2,4-dienoate. *Journal of the Chemical Society Perkin Transactions 1*, **1999**, 3089-3104 29
- 240 Bifunctional chiral auxiliaries 2: the synthesis of 1,3-diacylimidazolidin-2-ones from 1,2-diamines. *Tetrahedron Letters*, **1991**, 32, 4791-4794 2 29
- 239 Asymmetric synthesis of (1R,8S)- and (1S,8S)-1-hydroxypyrrolizidin-3-ones via the aldol reaction between N-boc-(S)-prolinal and chiral acetate enolate equivalents derived from (S)- and (R)-[(η -C₅H₅)Fe(CO)(PPh₃)COCH₃]. *Tetrahedron: Asymmetry*, **1992**, 3, 123-136 29
- 238 Ammonium-directed olefinic epoxidation: kinetic and mechanistic insights. *Journal of Organic Chemistry*, **2012**, 77, 7241-61 4.2 28
- 237 Diastereodivergent hydroxyfluorination of cyclic and acyclic allylic amines: synthesis of 4-deoxy-4-fluorophytosphingosines. *Journal of Organic Chemistry*, **2012**, 77, 7262-81 4.2 28
- 236 Highly diastereoselective anti-dihydroxylation of 3-N,N-dibenzylaminocyclohex-1-ene N-oxide. *Organic Letters*, **2009**, 11, 1333-6 6.2 28
- 235 Asymmetric syntheses of (+)-negamycin, (+)-3-epi-negamycin and sperabillin C via lithium amide conjugate addition. *Tetrahedron*, **2011**, 67, 216-227 2.4 28
- 234 A systematic study of the solid state and solution phase conformational preferences of β -peptides derived from transpentacin. *Tetrahedron: Asymmetry*, **2010**, 21, 1797-1815 28
- 233 A stereocontrolled approach to 1 β -methylcarbapenem. *Tetrahedron: Asymmetry*, **1995**, 6, 827-830 28
- 232 Stereoselective conjugate addition of organocuprates to a dehydroalanine derived diketopiperazine. *Journal of the Chemical Society Perkin Transactions 1*, **1998**, 3657-3658 27

- 231 Stereoselective functionalisation of SuperQuat enamides: asymmetric synthesis of homochiral 1,2-diols and β -benzyloxy carbonyl compounds. *Tetrahedron*, **2008**, 64, 9320-9344 2.4 27
- 230 Rearrangements and racemisation during the synthesis of l-serine derived oxazolidin-2-ones. *Tetrahedron*, **2002**, 58, 9387-9401 2.4 27
- 229 Asymmetric synthesis of β pyridyl- β amino acid derivatives. *Journal of the Chemical Society, Perkin Transactions 1*, **2002**, 1858-1868 27
- 228 Asymmetric syntheses of APTO and AETD: the β amino acid fragments within microsclerodermins C, D, and E. *Journal of Organic Chemistry*, **2013**, 78, 2500-10 4.2 26
- 227 Asymmetric synthesis of (1R,2S,3R)-3-methylcispentacin and (1S,2S,3R)-3-methyltranspentacin by kinetic resolution of tert-butyl (+/-)-3-methylcyclopentene-1-carboxylate. *Organic and Biomolecular Chemistry*, **2003**, 1, 3698-707 3.9 26
- 226 Asymmetric synthesis of (1R,2S,3R)-gamma-methyl-cis-pentacin by a kinetic resolution protocol. *Chemical Communications*, **2002**, 2910-1 5.8 26
- 225 Asymmetric Synthesis of Homochiral β Lactones via the Iron Chiral Auxiliary [(β -C₅H₅)Fe(CO)(PPh₃)]. *Synlett*, **1991**, 1991, 779-780 2.2 26
- 224 Chiral propionate enolate equivalent for stereoselective additions to symmetrical ketones. *Tetrahedron Letters*, **1985**, 26, 2129-2130 2 26
- 223 Preparation and reactivity of the anion [(β -C₅H₅)Fe(CO)(PPh₃)(COCH₂)]Li. *Journal of the Chemical Society Chemical Communications*, **1982**, 1303-1304 26
- 222 Asymmetric syntheses of (β)isoretronecanol and (β)trachelantamidine. *Tetrahedron*, **2014**, 70, 204-211 2.4 25
- 221 Hydrogen bond directed epoxidation: diastereoselective olefinic oxidation of allylic alcohols and amines. *Organic and Biomolecular Chemistry*, **2014**, 12, 4544-9 3.9 25
- 220 Asymmetric synthesis of (β)(1R,7aS)-absoulone. *Tetrahedron*, **2013**, 69, 1369-1377 2.4 25
- 219 Parallel kinetic resolution of acyclic β amino- β , β unsaturated esters: application to the asymmetric synthesis of 4-aminopyrrolidin-2-ones. *Organic Letters*, **2012**, 14, 218-21 6.2 25
- 218 Enantiodiscrimination of racemic electrophiles by diketopiperazine enolates: asymmetric synthesis of methyl 2-amino-3-aryl-butanoates and 3-methyl-aspartates. *Tetrahedron*, **2006**, 62, 7911-7925 2.4 25
- 217 Double diastereoselective SuperQuat glycolate aldol reactions: application to the asymmetric synthesis of polyfunctionalised lactones. *Organic and Biomolecular Chemistry*, **2004**, 2, 3385-400 3.9 25
- 216 Asymmetric synthesis of the stereoisomers of 2-amino-5-carboxymethyl-cyclopentane-1-carboxylate. *Organic and Biomolecular Chemistry*, **2004**, 2, 364-372 2.4 25
- 215 The Asymmetric Synthesis of (2R,3R)- and (2R,3S)-3-Methyl-aspartates via an Enantiodiscrimination Strategy. *Synlett*, **2001**, 2001, 0781-0784 2.2 25
- 214 Asymmetric synthesis of (R)-hexane-1,5-diol and (R)-hex-3-ene-1,5-diol via a tandem asymmetric conjugate addition / stereospecific meisenheimer rearrangement protocol. *Tetrahedron: Asymmetry*, **1996**, 7, 1001-1004 25

213	Asymmetric Michael additions of homochiral magnesium amides. <i>Tetrahedron: Asymmetry</i> , 1994 , 5, 35-36	2.5	25
212	Design, synthesis and structure-activity relationships of 3,5-diaryl-1H-pyrazoles as inhibitors of arylamine N-acetyltransferase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 2759-64	2.9	24
211	Asymmetric Synthesis of Piperidines and Octahydroindolizines. <i>Synlett</i> , 2010 , 2010, 567-570	2.2	24
210	Doubly diastereoselective [3,3]-sigmatropic aza-Claisen rearrangements. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 2604-11	3.9	24
209	The conformational analysis of phosphine ligands in organometallic complexes. Part 1. Triphenylphosphine coordinated to an achiral metal centre 1. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998 , 1683-1690		24
208	Diastereoselective synthesis of quaternary alpha-amino acids from diketopiperazine templates. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2138-47	3.9	24
207	A SuperQuat glycolate aldol approach to the asymmetric synthesis of hexose monosaccharides. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 348-59	3.9	24
206	Total asymmetric synthesis of sperabillins B and D. <i>Chemical Communications</i> , 2003 , 2132	5.8	24
205	Polymer supported oxazolidin-2-ones derived from l-serine – cautionary tale. <i>Tetrahedron Letters</i> , 2000 , 41, 7577-7581	2	24
204	Asymmetric synthesis of 2,4-disubstituted butyrolactones using the iron chiral auxiliary [(η -C ₅ H ₅)Fe(CO)(PPh ₃)]. <i>Tetrahedron</i> , 1990 , 46, 4847-4856	2.4	24
203	A conformational analysis of transition metal π -acyl complexes: steric interactions and stereoelectronic effects. <i>Chemical Society Reviews</i> , 1988 , 17, 147-179	58.5	24
202	Asymmetric Synthesis of (2S,3S)- and (2R,3S)-2,3-Diaminobutanoic Acids, Non-Protein Amino-Acid Diastereomers found in a number of Peptide Antibiotics. <i>Synlett</i> , 1996 , 1996, 621-622	2.2	23
201	Chiral relay effects influence the facial selectivity of N-alkylated 5-phenylmorpholin-2-one enolates. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 1483-1487		23
200	Oxidative Functionalisation of SuperQuat Enamides: Asymmetric Synthesis of Homochiral 1,2 Diols. <i>Synlett</i> , 2003 , 2003, 1659-1662	2.2	23
199	Enantiospecific synthesis of (+)-(R)-6,7-dimethoxy-2-methyl-4-phenyl-1,2,3,4-tetrahydroisoquinoline from (+)-(S)-2-methylamino-1-phenylethanol (halostachine). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989 , 2223		23
198	Tricarbonylchromium(0) promoted stereoselective cyclisations of the N-3,4-dimethoxyphenethyl derivatives of the 1-phenyl ethanolamines halostachine, ephedrine and pseudoephedrine to 1-phenyl-N-methyl-7,8-dimethoxy-1,2,4,5-tetrahydrobenzazepines. <i>Tetrahedron: Asymmetry</i> , 1990 , 1, 33-56		23
197	Stereoselective additions to the alkoxy-carbene cations [(η -5-C ₅ H ₅)Fe(CO)(PPh ₃)(:CROMe)] ⁺ (R = H, Et). <i>Organometallics</i> , 1984 , 3, 1764-1765	3.8	23
196	Stemistry: the control of stem cells in situ using chemistry. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 2863-94	3.94	22

- 195 A systematic study of the solid state and solution phase conformational preferences of peptides derived from C(3)-alkyl substituted transpantacin derivatives. *Tetrahedron: Asymmetry*, **2011**, 22, 69-100 22
- 194 The stereodivergent aziridination of allylic carbamates, amides and sulfonamides. *Tetrahedron*, **2010**, 66, 6806-6813 2.4 22
- 193 Asymmetric synthesis of 3,4-anti- and 3,4-syn-substituted aminopyrrolidines via lithium amide conjugate addition. *Organic and Biomolecular Chemistry*, **2007**, 5, 1961-9 3.9 22
- 192 Asymmetric synthesis of homochiral differentially protected bis- α -amino acid scaffolds. *Tetrahedron*, **2002**, 58, 4629-4642 2.4 22
- 191 Asymmetric synthesis of substituted 1-aminocyclopropane-1-carboxylic acids via diketopiperazine methodology. *Organic and Biomolecular Chemistry*, **2003**, 1, 2531-42 3.9 22
- 190 Asymmetric synthesis of α -amino acid scaffolds. *Journal of the Chemical Society, Perkin Transactions 1*, **2001**, 2931-2938 22
- 189 N-acyl-5,5-dimethyl-oxazolidin-2-ones as latent aldehyde equivalents. *Tetrahedron Letters*, **1999**, 40, 6677-6680 2.2
- 188 A Succinct Asymmetric Synthesis of (2S,3R)-2-Methyl-3-aminopentanoic Acid Hydrochloride. *Synlett*, **1994**, 1994, 117-118 2.2 22
- 187 Bifunctional chiral auxiliaries 1: the aldol reaction between dialkylboron enolates of 1,3-dipropionyl-trans-4,5-tetramethyleneimidazolidin-2-one and aldehydes. *Tetrahedron Letters*, **1991**, 32, 4787-4790 2 22
- 186 Synthesis and Characterisation of E and Z π - π Unsaturated Acyl Complexes [(η -C₅H₅)Fe(CO)(PPh₃)(COCH=CHR)] (R=H, Me, Et, -Bu, -Bu, Ph, vinyl, 2-furyl). *Tetrahedron*, **1986**, 42, 175-188 2.4 22
- 185 Asymmetric Syntheses of (+)-Preussin B, the C(2)-Epimer of (-)-Preussin B, and 3-Deoxy-(+)-preussin B. *Journal of Organic Chemistry*, **2016**, 81, 4907-22 4.2 22
- 184 Double asymmetric induction as a mechanistic probe: the doubly diastereoselective conjugate addition of enantiopure lithium amides to enantiopure π - π Unsaturated esters and enantiopure π - π Unsaturated hydroxamates. *Tetrahedron*, **2011**, 67, 6382-6403 2.4 21
- 183 On the origins of diastereoselectivity in the alkylation of diketopiperazine enolates. *New Journal of Chemistry*, **2007**, 31, 486 3.6 21
- 182 Asymmetric synthesis of α -haloaryl α -amino acid derivatives. *Journal of the Chemical Society, Perkin Transactions 1*, **2001**, 3112-3121 21
- 181 Conjugate addition to (β , γ)-diendoate esters by lithium (β -methylbenzyl)benzylamide: tandem addition/cyclisation versus double addition. *Tetrahedron: Asymmetry*, **1999**, 10, 1637-1641 21
- 180 Asymmetric and enantiospecific syntheses of 1-hydroxymethyl pyrrolizidine alkaloids. *Tetrahedron: Asymmetry*, **2014**, 25, 387-403 20
- 179 The asymmetric syntheses of pyrrolizidines, indolizidines and quinolizidines via two sequential tandem ring-closure/N-debenzylation processes. *Organic and Biomolecular Chemistry*, **2014**, 12, 9223-35 3.9 20
- 178 Trading N and O. Part 2: Exploiting aziridinium intermediates for the synthesis of β -hydroxy- β -amino acids. *Tetrahedron*, **2014**, 70, 5849-5862 2.4 20

177	Direct asymmetric syntheses of chiral aldehydes and ketones via N-acyl chiral auxiliary derivatives including chiral Weinreb amide equivalents. <i>Chemical Communications</i> , 2013 , 49, 8586-98	5.8	20
176	On the origins of diastereoselectivity in the conjugate additions of the antipodes of lithium N-benzyl-(N- β -methylbenzyl)amide to enantiopure cis- and trans-dioxolane containing β,β -unsaturated esters. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 6186-200	3.9	20
175	Piperidinols that show anti-tubercular activity as inhibitors of arylamine N-acetyltransferase: an essential enzyme for mycobacterial survival inside macrophages. <i>PLoS ONE</i> , 2012 , 7, e52790	3.7	20
174	Asymmetric syntheses of methyl N,O-diacetyl-D-3-epi-daunosaminide and methyl N,O-diacetyl-D-ristosaminide. <i>Journal of Organic Chemistry</i> , 2013 , 78, 12397-408	4.2	20
173	A practical and scaleable total synthesis of the jaborandi alkaloid (+)-pilocarpine. <i>Tetrahedron</i> , 2009 , 65, 8283-8296	2.4	20
172	Doubly diastereoselective conjugate addition of enantiopure lithium amides to enantiopure N-enoyl oxazolidin-2-ones: a mechanistic probe. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1635-1648		20
171	Asymmetric three- and [2 + 1]-component conjugate addition reactions for the stereoselective synthesis of polysubstituted piperidinones. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1405-15	3.9	20
170	Asymmetric synthesis of a highly functionalized β -amino acid: the key amino acid of sperabillins B and D. <i>Tetrahedron Letters</i> , 1999 , 40, 9313-9316	2	20
169	The conformational analysis of phosphine ligands in organometallic complexes. Part 2. Triphenylphosphine coordinated to achiral and prochiral octahedral metal centres ¹ . <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999 , 465-474		20
168	Chiral discrimination in the reactions of the enolate E-[(β -C ₅ H ₅)Fe(CO)(PPh ₃)COCHMe] ⁺ with and but-2-ene oxides in the presence of BF ₃ ·OEt ₂ . <i>Tetrahedron Letters</i> , 1985 , 26, 4815-4818	2	20
167	Asymmetric Synthesis of Substituted anti- β -Fluorophenylalanines. <i>Organic Letters</i> , 2015 , 17, 2254-7	6.2	19
166	An efficient asymmetric synthesis of (-)-lupinine. <i>Chemical Communications</i> , 2014 , 50, 8309-11	5.8	19
165	Asymmetric synthesis of (β -(S,S)-homaline. <i>Tetrahedron Letters</i> , 2012 , 53, 1119-1121	2	19
164	A diastereodivergent strategy for the asymmetric syntheses of (β -martinellic acid and (β -4-epi-martinellic acid. <i>Tetrahedron</i> , 2013 , 69, 9779-9803	2.4	19
163	Selective deprotection strategies to N-(β -methylbenzyl)- β -amino esters and derived β -lactams. <i>Tetrahedron Letters</i> , 1998 , 39, 6045-6048	2	19
162	Lithium amide conjugate addition for the asymmetric synthesis of 3-aminopyrrolidines. <i>Chemical Communications</i> , 2006 , 2664-6	5.8	19
161	N- β -Benzyloxyacetyl derivatives of (S)-4-benzyl-5,5-dimethyloxazolidin-2-one for the asymmetric synthesis of differentially protected β,β -dihydroxyaldehydes. <i>Tetrahedron</i> , 2004 , 60, 7553-7577	2.4	19
160	Chiral glycine cation equivalents: N-acyliminium species derived from diketopiperazines. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002 , 2442-2448		19

- 159 Asymmetric synthesis of the enantiomers of the diarylcarbinol (1R)- and (1S)-1-(1-hydroxyphenylmethyl)-2-hydroxybenzene. *Journal of the Chemical Society Chemical Communications*, **1995**, 251 19
- 158 Conformational analysis of the iron acetyl complex $[(\eta^5\text{-C}_5\text{H}_5)\text{Fe}(\text{CO})(\text{PPh}_3)\text{COCH}_3]$. *Tetrahedron Letters*, **1986**, 27, 619-622 2 19
- 157 Ring-opening hydrofluorination of 2,3- and 3,4-epoxy amines by $\text{HBF}_4 \cdot \text{OEt}_2$: application to the asymmetric synthesis of (S,S)-3-deoxy-3-fluorosafingol. *Journal of Organic Chemistry*, **2011**, 76, 4617-27 4.2 18
- 156 Novel small-molecule inhibitors of arylamine N-acetyltransferases: drug discovery by high-throughput screening. *Combinatorial Chemistry and High Throughput Screening*, **2011**, 14, 117-24 1.3 18
- 155 Asymmetric synthesis of pent-3-yl (R)-6-methyl-cyclohex-1-ene carboxylate. *Tetrahedron: Asymmetry*, **2006**, 17, 2183-2186 18
- 154 Diastereoselective conjugate reduction with samarium diiodide: asymmetric synthesis of methyl (2S,3R)-N-acetyl-2-amino-2,3-dideuterio-3-phenylpropionate. *Chemical Communications*, **2004**, 2502-3 5.8 18
- 153 Asymmetric synthesis of β -amino carbonyl derivatives using lithium (R)-N-benzyl-N- β -methylbenzylamide. *Tetrahedron: Asymmetry*, **2002**, 13, 1555-1565 18
- 152 Asymmetric synthesis of homochiral Baylis-Hillman products employing (R)-N-methyl-N- β -methylbenzyl amide. *Tetrahedron: Asymmetry*, **2000**, 11, 2437-2441 18
- 151 Regioselective ortho substitution of diphenyl sulfoxide chromium tricarbonyl: complementary stereoselectivities for the mono- and di-anions. *Journal of the Chemical Society Chemical Communications*, **1995**, 817 18
- 150 A formal total asymmetric synthesis of (+)-thienamycin. *Tetrahedron: Asymmetry*, **1995**, 6, 2507-2510 18
- 149 Chiral recognition in the reaction of the enolate derived from $[(\eta^5\text{-C}_5\text{H}_5)\text{Fe}(\text{CO})(\text{PPh}_3)\text{COCH}_2\text{OCH}_2\text{Ph}]$ with cis- and trans-2,3-epoxybutane: The stereoselective synthesis of cis and trans- β -disubstituted- β -lactones. *Tetrahedron Letters*, **1989**, 30, 587-590 2 18
- 148 The Hancock Alkaloids (-)-Cuspareine, (-)-Galipinine, (-)-Galipeine, and (-)-Angustureine: Asymmetric Syntheses and Corrected H and C NMR Data. *Journal of Natural Products*, **2018**, 81, 2731-2742 4.9 18
- 147 Asymmetric syntheses of 3,4-syn- and 3,4-anti-3-substituted-4-aminopiperidin-2-ones: application to the asymmetric synthesis of (+)-(3S,4R)-cisapride. *Tetrahedron*, **2012**, 68, 3263-3275 2.4 17
- 146 The conjugate addition of enantiomerically pure lithium amides as chiral ammonia equivalents part III: 2012-2017. *Tetrahedron: Asymmetry*, **2017**, 28, 1842-1868 17
- 145 On the origins of diastereoselectivity in the alkylation of enolates derived from N-1-(1'-naphthyl)ethyl-O-tert-butylhydroxamates: chiral Weinreb amide equivalents. *Journal of Organic Chemistry*, **2010**, 75, 1214-27 4.2 17
- 144 The dienolate aldol reaction of (E)-N-crotonoyl C(4)-isopropyl SuperQuat: asymmetric synthesis of β -vinyl- β -hydroxycarboxylic acid derivatives and conversion to β -ethylidene- β -hydroxyesters (β -substituted Baylis-Hillman products). *Tetrahedron*, **2009**, 65, 7837-7851 2.4 17
- 143 The chiral auxiliary N-1-(1'-naphthyl)ethyl-O-tert-butylhydroxylamine: a chiral Weinreb amide equivalent. *Organic Letters*, **2009**, 11, 3254-7 6.2 17
- 142 Asymmetric synthesis of 4-amino- β -butyrolactones via lithium amide conjugate addition. *Tetrahedron*, **2007**, 63, 5855-5872 2.4 17

- 141 Asymmetric synthesis of β -mercapto- β -amino acid derivatives: application to the synthesis of polysubstituted thiomorpholines. *Tetrahedron: Asymmetry*, **2006**, 17, 1135-1145 17
- 140 Base induced C-5 epimerisation of 4-methyl-5-phenyl oxazolidinones: Chiral auxiliaries derived from norephedrine and norpseudoephedrine.. *Tetrahedron: Asymmetry*, **1993**, 4, 2513-2516 17
- 139 Assignment of the absolute configuration to winterstein's acid, R-3-dimethylamino-3-phenyl propionic acid, by the asymmetric synthesis of homochiral (S)-(+)-ethyl 3-dimethylamino-3-phenyl propionate. *Tetrahedron: Asymmetry*, **1990**, 1, 279-280 17
- 138 Chemical Proteomics and Phenotypic Profiling Identifies the Aryl Hydrocarbon Receptor as a Molecular Target of the Utrophin Modulator Ezutromid. *Angewandte Chemie - International Edition*, **2020**, 59, 2420-2428 16.4 17
- 137 Asymmetric syntheses of 2,5-dideoxy-2,5-imino-d-glucitol [(+)-DGDP] and 1,2,5-trideoxy-1-amino-2,5-imino-d-glucitol [(+)-ADGDP]. *Tetrahedron*, **2014**, 70, 3601-3607 2.4 16
- 136 Asymmetric syntheses of (-)-3-epi-Fagomine, (2R,3S,4R)-dihydroxypipelicolic acid, and several polyhydroxylated homopipelicolic acids. *Journal of Organic Chemistry*, **2014**, 79, 10932-44 4.2 16
- 135 Asymmetric syntheses of the homalium alkaloids (-)-(S,S)-homaline and (-)-(R,R)-hopromine. *Journal of Organic Chemistry*, **2012**, 77, 7028-45 4.2 16
- 134 Enantiospecific stereodivergent synthesis of trans- and cis-N(2),3-dimethyl-4-phenyl-1,2,3,4-tetrahydroisoquinolines. *Chemistry - an Asian Journal*, **2010**, 5, 589-604 4.5 16
- 133 Asymmetric synthesis of (R)-sulcatol. *Tetrahedron: Asymmetry*, **1996**, 7, 1005-1006 16
- 132 Bifunctional chiral auxiliaries 6: Alkylations of enolates derived from 1,3-diacylimidazolidine-2-thiones and 1,3-diacylimidazolidin-2-ones. *Tetrahedron: Asymmetry*, **1994**, 5, 585-606 16
- 131 Chiral recognition in the SN2 reaction of t-butyl 2-bromopropionate with the enolate derived from [(η^5 -C₅H₅)Fe(CO)(PPh₃)COCH₃]. *Tetrahedron Letters*, **1990**, 31, 4067-4068 2 16
- 130 Stereocontrolled synthesis of N-methyl-1,2,3,4-tetrahydroisoquinoline derivatives via chromium tricarbonyl methodologies. *Journal of Organometallic Chemistry*, **1990**, 400, 223-234 2.3 16
- 129 Stereochemical studies on marine cyclic peroxides : an unequivocal alignment of absolute stereochemistry by asymmetric synthesis. *Tetrahedron*, **1988**, 44, 1637-1650 2.4 16
- 128 Tetrahydroisoquinolines. Part 4. Enantioselective conversion of (+)-amphetamine into (+)-(1R,3S,4S)- and (-)-(1S,3S,4R)-1,2,3,4-tetramethyl-1,2,3,4-tetrahydroisoquinoline via tricarbonyl(arene)chromium methodology. *Journal of the Chemical Society Perkin Transactions 1*, **1988**, 1481-1487 16
- 127 SuperQuat chiral auxiliaries: design, synthesis, and utility. *Organic and Biomolecular Chemistry*, **2019**, 17, 1322-1335 3.9 15
- 126 Absolute configuration assignment by asymmetric syntheses of the homalium alkaloids (-)-(R,R,R)-hoprominol and (-)-(4'S,4?R,2?R)-hopromalinol. *Journal of Organic Chemistry*, **2012**, 77, 9724-374.2 15
- 125 2-Halo-diketopiperazines as chiral glycine cation equivalents. *Tetrahedron: Asymmetry*, **2004**, 15, 3989-4001 15
- 124 Stereoselective conjugate addition reactions of lithium amides to β,β -unsaturated chiral iron acyl complexes [(η^5 -C₅H₅)Fe(CO)(PPh₃)(COCHCHR)]. *Journal of Organometallic Chemistry*, **2004**, 689, 4184-4209 2.3 15

- 123 Double diastereoselective [3,3]-sigmatropic aza-Claisen rearrangements. *Chemical Communications*, **2003**, 2134-5 5.8 15
- 122 Conformational diastereoisomers of PPh₃ coordinated to stereogenic metal centres as molecular optical switches. *Tetrahedron: Asymmetry*, **2001**, 12, 1621-1624 15
- 121 Bifunctional chiral auxiliaries 4: Alkylation of enolates derived from 1,3-diacyl-trans-4,5-tetramethyleneimidazolidin-2-ones. *Tetrahedron Letters*, **1992**, 33, 1117-1120 2 15
- 120 Concise total asymmetric syntheses of (±)-fagomine, two of its epimers, and two seven-membered ring congeners. *Tetrahedron*, **2015**, 71, 7170-7180 2.4 14
- 119 Pyrrolizidines, indolizidines and quinolizidines via a double reductive cyclisation protocol: concise asymmetric syntheses of (+)-trachelanthamidine, (+)-tashiromine and (+)-epilupinine. *Tetrahedron*, **2016**, 72, 7417-7429 2.4 14
- 118 Structural Revision of the Hancock Alkaloid (-)-Galipeine. *Journal of Organic Chemistry*, **2017**, 82, 10673-10679 14
- 117 Deracemisation of (R)- and (S)-phenylalanine from the same enantiomer of a homochiral auxiliary. *Tetrahedron: Asymmetry*, **1998**, 9, 2795-2798 14
- 116 N-acyl-5,5-dimethyloxazolidin-2-ones as latent aldehyde equivalents. *Organic and Biomolecular Chemistry*, **2003**, 1, 2001-10 3.9 14
- 115 Asymmetric synthesis of 2-aryl-tetrahydropyrans via arene chromium tricarbonyl methodology 2: 2-Aryl-3-ethyl-4-chloro-tetrahydropyrans. *Tetrahedron: Asymmetry*, **1991**, 2, 1089-1092 14
- 114 Application of the iron acyl complex R(-)-[(η -C₅H₅)Fe(CO)(PPh₃)-COCH₂O({{1R,2S}},5Rmenthyl)] as a homochiral formyl anion equivalent. *Tetrahedron Letters*, **1989**, 30, 2971-2974 2 14
- 113 Stereoselective carbon-carbon bond formation via alkylation of [(η -C₅H₅)Fe(PPh₃)(CO)(COMeCHR)] (R = Me, Prn, Ph): X-ray crystal structure of (Z)-[(η -C₅H₅)Fe(PPh₃)(CO)(COMeCHMe)]. *Journal of the Chemical Society Chemical Communications*, **1984**, 745-747 14
- 112 Syntheses of Dihydroconduramines (±)-B-1, (±)-E-1, and (±)-F-1 via Diastereoselective Epoxidation of N-Protected 4-Aminocyclohex-2-en-1-ols. *Journal of Organic Chemistry*, **2015**, 80, 6609-18 4.2 13
- 111 Asymmetric Syntheses of (-)-ADMJ and (+)-ADANJ: 2-Deoxy-2-amino Analogues of (-)-1-Deoxymannojirimycin and (+)-1-Deoxyallonjirimycin. *Journal of Organic Chemistry*, **2016**, 81, 6481-95 4.2 13
- 110 Asymmetric syntheses of (±)-hastanecine, (±)-turneforcidine and (±)-platynecine. *Tetrahedron*, **2016**, 72, 4523-4535 2.4 13
- 109 Doubly diastereoselective conjugate additions of the antipodes of lithium N-benzyl-N-(β -methylbenzyl)amide to enantiopure (E)-protected β , β -unsaturated esters derived from d-ribose. *Tetrahedron: Asymmetry*, **2014**, 25, 534-546 13
- 108 Asymmetric syntheses of enantiopure C(5)-substituted transpentacins via diastereoselective Ireland-Claisen rearrangements. *Chemical Communications*, **2013**, 49, 7037-9 5.8 13
- 107 Syntheses of the racemic jaborandi alkaloids pilocarpine, isopilocarpine and pilosinine. *Tetrahedron Letters*, **2009**, 50, 3509-3512 2 13
- 106 Alkylation and aldol reactions of acyl derivatives of N-1-(1?-naphthyl)ethyl-O-tert-butylhydroxylamine: asymmetric synthesis of β -alkoxy-, β -substituted- β -alkoxy- and β , β -dialkoxyaldehydes. *Tetrahedron*, **2010**, 66, 4167-4194 2.4 13

105	Asymmetric synthesis of β -substituted Baylis-Hillman products via lithium amide conjugate addition. <i>Tetrahedron</i> , 2007 , 63, 7036-7046	2.4	13
104	Ammonium directed dihydroxylation of N,N-dibenzylaminocyclohex-2-ene: metal-free syntheses of the diastereoisomers of 3-dibenzylamino-1,2-dihydroxycyclohexane. <i>Chemical Communications</i> , 2005 , 4536-8	5.8	13
103	Kinetic resolution of alpha-acetoxy carboxylic acids with homochiral SuperQuats. <i>Chirality</i> , 2000 , 12, 483-491	2.1	13
102	Asymmetric synthesis of β -lactams and pseudopeptides via stereoselective conjugate additions of lithium (β -methylbenzyl)allylamide to α,β -unsaturated iron acyl complexes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999 , 3105-3110		13
101	Asymmetric synthesis of (S)-(β -methyl tropinate: application of the iron acyl complex (S)-(+)-[(β -C ₅ H ₅)Fe(CO)(PPh ₃)COCH ₂ Ph] as a homochiral phenylacetate enolate equivalent.. <i>Tetrahedron</i> , 1993 , 49, 5635-5647	2.4	13
100	Resolution of the chiral iron acetyl complex [(C ₅ H ₅)Fe(CO)(PPh ₃)COCH ₃]. <i>Tetrahedron: Asymmetry</i> , 1993 , 4, 1479-1480		13
99	Chiral recognition in the Michael addition reaction between lithium N-3,4-dimethoxybenzyl- β -methylbenzylamide and the chiral iron crotonoyl complex [(C ₅ H ₅)Fe(CO)(PPh ₃)(COCHCHMe)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1990 , 1554-1555		13
98	Chiral recognition in the reaction of the enolate derived from [(β -C ₅ H ₅)Fe(CO)(PPh ₃)COCH ₂ OCH ₂ Ph] with 1-phenylethyl bromide. <i>Journal of the Chemical Society Chemical Communications</i> , 1990 , 797-799		13
97	Complementary stereoselective cyclisations of N-(3,4-dimethoxybenzyl)ephedrine and its chromium tricarbonyl complex to trans- and cis-2,3-dimethyl-4-phenyl-6,7-dimethoxy-1,2,3,4-tetrahydroisoquinolines respectively. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 648		13
96	Asymmetric synthesis of (1R,8S)- and (1S,8S)-1-hydroxypyrrolizidin-3-ones from Boc-L-proline and (S)- and (R)-[(β -C ₅ H ₅)Fe(CO)(PPh ₃)(Ac)], respectively. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 160-161		13
95	Asymmetric synthesis of phenyl alkyl sulphoxides via the non-destructive mediation of the chiral iron acyl [(β -C ₅ H ₅)Fe(CO)(PPh ₃)COCH ₂ Me]. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 780-781		13
94	Asymmetric synthesis of N,O-diacetyl-3-epi-xestoaminol C: structure and absolute configuration confirmation of 3-epi-xestoaminol C. <i>Tetrahedron Letters</i> , 2016 , 57, 1270-1272	2	12
93	Stereospecific cyclization strategies for β,β -dihydroxy- β -amino esters: asymmetric syntheses of imino and amino sugars. <i>Journal of Organic Chemistry</i> , 2014 , 79, 9686-98	4.2	12
92	Asymmetric syntheses of dihydroxyhomoprolines via doubly diastereoselective lithium amide conjugate addition reactions. <i>Tetrahedron</i> , 2013 , 69, 8680-8704	2.4	12
91	(-)-(S)-Nakinadine B: first asymmetric synthesis. <i>Chemical Communications</i> , 2012 , 48, 9236-8	5.8	12
90	Concise, efficient and highly selective asymmetric synthesis of (+)-(3S,4R)-cisapride. <i>Tetrahedron: Asymmetry</i> , 2011 , 22, 1591-1593		12
89	Asymmetric synthesis of N-protected syn and anti (E)-3-amino-2-hydroxy-4-hexenoate: A practical method for the C- β epimerization of anti β -amino- β -hydroxy acids. <i>Tetrahedron</i> , 1999 , 55, 533-540	2.4	12
88	Asymmetric synthesis of methyl β -L-daunosaminide hydrochloride. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 1273-1274		12

- 87 Opening of carbohydrate 5,6-epoxides with chiral acetate and propionate enolate equivalents attached to the iron chiral auxiliary [(C₅H₅)Fe(CO)(PPh₃)]. *Tetrahedron: Asymmetry*, **1994**, 5, 2563-2570 12
- 86 Asymmetric syntheses of ethyl (S)-(+)-2-methylhept-4-ynoate using both enantiomers of the chiral iron auxiliary [(C₅H₅)Fe(CO)(PPh₃)]. *Tetrahedron: Asymmetry*, **1991**, 2, 1075-1082 12
- 85 The Hancock Alkaloids Angustureine, Cuspareine, Galipinine, and Galipeine: A Review of their Isolation, Synthesis, and Spectroscopic Data. *European Journal of Organic Chemistry*, **2019**, 2019, 5093-5119 11
- 84 Epoxidation of trans-4-Aminocyclohex-2-en-1-ol Derivatives: Competition of Hydroxy-Directed and Ammonium-Directed Pathways. *Australian Journal of Chemistry*, **2015**, 68, 610 1.2 11
- 83 Pinacoloboron fluoride (pinBF) is an efficient fluoride transfer agent for diastereoselective synthesis of benzylic fluorides. *Tetrahedron Letters*, **2015**, 56, 3373-3377 2 11
- 82 Asymmetric synthesis of α -fluoroaryl- β -amino acids. *Tetrahedron: Asymmetry*, **2012**, 23, 910-925 11
- 81 The stereodivergent asymmetric synthesis of a range of 2-(1 α -hydroxyalkyl)phenols. *Tetrahedron*, **2010**, 66, 8076-8088 2.4 11
- 80 First asymmetric synthesis of the Kelatorphan-like enkephalinase inhibitor (1S,2R,2'S)-2-[2'-(N-hydroxycarbonylmethyl)-3'-phenylpropionylamino]cyclohexane-1-carboxylic acid. *Journal of the Chemical Society Perkin Transactions 1*, **1998**, 2629-2634 11
- 79 Asymmetric synthesis of a homochiral differentially protected pseudo-meso bis- β -amino acid scaffold. *Tetrahedron: Asymmetry*, **2001**, 12, 2941-2945 11
- 78 Chiral dienolates. *Tetrahedron*, **1986**, 42, 3987-3997 2.4 11
- 77 Ammonium-Directed Oxidation of Cyclic Allylic and Homoallylic Amines. *Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry*, **2010**, 68, 1295-1306 0.2 11
- 76 Trading N and O. Part 3: Synthesis of 1,2,3,4-tetrahydroisoquinolines from β -hydroxy- β -amino esters. *Tetrahedron*, **2016**, 72, 2139-2163 2.4 11
- 75 Asymmetric Synthesis of the Tetraponerine Alkaloids. *Journal of Organic Chemistry*, **2017**, 82, 6689-6702 4.2 10
- 74 Asymmetric syntheses of nakinadine D, nakinadine E, and nakinadine F: confirmation of their relative (RS,SR)-configurations and proposal of their absolute (2S,3R)-configurations. *Journal of Organic Chemistry*, **2015**, 80, 4017-29 4.2 10
- 73 Syntheses of (R)-sitagliptin. *Tetrahedron: Asymmetry*, **2015**, 26, 1109-1116 10
- 72 Conformational analysis of triphenylphosphine ligands in stereogenic monometallic complexes: tools for predicting the preferred configuration of the triphenylphosphine rotor. *Dalton Transactions*, **2015**, 44, 5451-66 4.3 10
- 71 Syntheses of trans-SCH-A and cis-SCH-A via a stereodivergent cyclopropanation protocol. *Organic Letters*, **2010**, 12, 3152-5 6.2 10
- 70 An oxidatively-activated safety catch linker for solid phase synthesis. *Organic and Biomolecular Chemistry*, **2008**, 6, 1625-34 3.9 10

- 69 Asymmetric synthesis of sulfinyl-substituted arene chromium tricarbonyl complexes. *Journal of the Chemical Society Perkin Transactions 1*, **1999**, 3405-3412 10
- 68 Self-recognition by the iron chiral auxiliary [(η -C₅H₅)Fe(CO)(PPh₃)] in the formation of (RR,SS)-[(η -C₅H₅)Fe(CO)(PPh₃)COCH₂]₂CH₂. *Journal of Organometallic Chemistry*, **1991**, 402, C56-C58 2.3 10
- 67 Asymmetric synthesis of 2-aryl-tetrahydropyrans via arene chromium tricarbonyl methodology 1: cis-2-Aryl-4-chloro-tetrahydropyrans. *Tetrahedron: Asymmetry*, **1991**, 2, 1085-1088 10
- 66 A convenient synthesis of α -unsaturated carboxylic acids and esters. The isomeric 5-t-butylcyclohex-2-enecarboxylic acids. *Journal of the Chemical Society Perkin Transactions 1*, **1976**, 2279-2280 10
- 65 Stereoselective Ammonium-Directed Epoxidation in the Asymmetric Syntheses of Dihydroconduramines (μ A-2, (μ B-2, (μ C-3 and (+)-F-3. *Synthesis*, **2018**, 50, 64-83 2.9 10
- 64 (-)-Pseudodistomin E: First Asymmetric Synthesis and Absolute Configuration Assignment. *Organic Letters*, **2017**, 19, 1638-1641 6.2 9
- 63 Asymmetric syntheses of methyl N-Boc-2-deoxy-2-amino-l-erythroside, methyl N-Boc-2-deoxy-2-amino-d-threoside and methyl N-Boc-2,3-dideoxy-3-amino-l-arabinopyranoside. *Tetrahedron*, **2014**, 70, 3491-3501 2.4 9
- 62 (-)-(2S,3R,Z)-Nakinadine A: first asymmetric synthesis and absolute configuration assignment. *Organic Letters*, **2014**, 16, 1354-7 6.2 9
- 61 Asymmetric synthesis of the marine alkaloid (μ (S)-nakinadine C. *Tetrahedron Letters*, **2013**, 54, 6423-6426 9
- 60 Asymmetric Synthesis of Pyrrolizidines, Indolizidines and Quinolizidines via a Double Reductive Cyclisation Protocol. *Synlett*, **2017**, 28, 2697-2706 2.2 9
- 59 Kinetic resolution of the chiral iron acetyl complexes [Fe(CO)(η -C₅H₅)(L)COCH₃][L = PPh₃, P(p-tolyl)₃] via aldol reactions with camphor. *Journal of the Chemical Society Perkin Transactions 1*, **1994**, 933-941 9
- 58 Asymmetric Syntheses of (2 R,3 S)-3-Hydroxyproline and (2 S,3 S)-3-Hydroxyproline. *Organic Letters*, **2018**, 20, 4135-4139 6.2 9
- 57 Diastereoselective Ireland-Claisen rearrangements of substituted allyl β -amino esters: applications in the asymmetric synthesis of C(5)-substituted transpentacins. *Organic and Biomolecular Chemistry*, **2014**, 12, 2702-28 3.9 8
- 56 Asymmetric synthesis of anti- β -alkyl- β -amino carboxamides. *Recueil Des Travaux Chimiques Des Pays-Bas*, **2010**, 114, 175-183 8
- 55 Isolation, Structural Identification, Synthesis, and Pharmacological Profiling of 1,2--Dihydro-1,2-diol Metabolites of the Utrophin Modulator Ezutromid. *Journal of Medicinal Chemistry*, **2020**, 63, 2547-2556 8.3 8
- 54 Asymmetric syntheses of polysubstituted homoprolines and homoprolinols. *Tetrahedron*, **2015**, 71, 9131-9142 7
- 53 Strategies for the construction of morphinan alkaloid AB-rings: regioselective Friedel-Crafts-type cyclisations of β -aryl- β -benzoylamido acids with asymmetrically substituted β -aryl rings. *Tetrahedron: Asymmetry*, **2016**, 27, 274-284 7
- 52 Chiral dienolates: formation and stereoselective β -alkylation of the lithium dienolate derived from (Z)-[(η -C₅H₅)Fe(CO)(PPh₃)COCHCHMe]. X-Ray crystal structure of (RS)-(Z)-[(η -C₅H₅)Fe(CO)(PPh₃)COCHCHMe]. *Journal of the Chemical Society Perkin Transactions 1*, **1987**, 489-493 7

- 51 Enantiopure 3-Amino-Substituted 1-Indanones, 1-Tetralones, and 1-Benzosuberones via Friedel-Crafts Cyclisation of α -Aryl- β -benzamide Acids. *Synlett*, **2015**, 26, 1541-1544 2.2 6
- 50 2-Arylbenzo[*b*]oxazole Phosphinate Esters as Second-Generation Modulators of Utrophin for the Treatment of Duchenne Muscular Dystrophy. *Journal of Medicinal Chemistry*, **2020**, 63, 7880-7891 8.3 6
- 49 Asymmetric syntheses of the methyl glycosides of 2-deoxy-2-aminohexoses: d-allosamine, d-mannosamine, d-idosamine and d-talosamine. *Tetrahedron*, **2014**, 70, 7106-7119 2.4 6
- 48 Asymmetric Synthesis of α -Amino Carbonyls (Aldehydes, Ketones and Acids) using Lithium (R)-N-benzyl-N-(*S*-methylbenzyl)amide. *Synlett*, **2001**, 2001, 1599-1601 2.2 6
- 47 Trading N and O. Part 4: Asymmetric synthesis of syn- β -substituted- β -amino acids. *Tetrahedron*, **2018**, 74, 5049-5061 2.4 5
- 46 The asymmetric synthesis of enantiopure C(5)-substituted transpentacins via diastereoselective conjugate additions to a β -amino- α,β -unsaturated ester. *Tetrahedron: Asymmetry*, **2016**, 27, 208-221 5
- 45 Solution phase structures of enantiopure and racemic lithium N-benzyl-N-(*S*-methylbenzyl)amide in THF: low temperature ^6Li and ^{15}N NMR spectroscopic studies. *Tetrahedron: Asymmetry*, **2013**, 24, 947-952 5
- 44 Stereoselective syntheses of substituted succinic acid derivatives of the iron chiral auxiliary [(β -C₅H₅)Fe(CO)(PPh₃)]. *Tetrahedron*, **2014**, 70, 8938-8951 2.4 5
- 43 Synthesis of SMT022357 enantiomers and evaluation in a Duchenne muscular dystrophy mouse model. *Tetrahedron*, **2020**, 76, 130819 2.4 5
- 42 Asymmetric Syntheses of 3-Deoxy-3-aminosphingoid Bases: Approaches Based on Parallel Kinetic Resolution and Double Asymmetric Induction. *Journal of Organic Chemistry*, **2017**, 82, 12447-12466 4.2 4
- 41 -Acetylcolchicol Methyl Ether (a Natural Product); Suhailamine (a Phantom Natural Product). *Journal of Natural Products*, **2019**, 82, 2659-2663 4.9 4
- 40 Diastereoselective Ammonium-Directed Epoxidation in the Asymmetric Syntheses of Dihydroconduramines (+)-C-2, (-)-C-2, (+)-D-2, (+)-E-2, (+)-F-2, and (-)-F-2. *Journal of Organic Chemistry*, **2018**, 83, 9939-9957 4.2 4
- 39 Asymmetric syntheses of fagomine and its stereoisomers. *Tetrahedron*, **2019**, 75, 130727 2.4 4
- 38 Asymmetric syntheses of the N-terminal β -hydroxy- β -amino acid components of microginins 612, 646 and 680. *Tetrahedron: Asymmetry*, **2017**, 28, 1756-1764 4
- 37 Synthesis and Crystal Structures of N-Aryl-N-methylaminocyclohexanols. *Journal of Chemical Crystallography*, **2013**, 43, 646-654 0.5 4
- 36 Crystal Structures of Dipeptides Derived from the β -Amino Acids (1R,2S)-2-Aminocyclopentanecarboxylic Acid and (1S,2R,3S)-2-Amino-3-methylcyclopentanecarboxylic Acid. *Journal of Chemical Crystallography*, **2011**, 41, 1700-1706 0.5 4
- 35 Synthesis of (R)-[(β -[O-methyl-N-(*S*-methylbenzyl)hydroxyamino]benzene} chromium tricarbonyl via nucleophilic aromatic substitution of (β -fluorobenzene) chromium tricarbonyl. *Journal of the Chemical Society, Perkin Transactions 1*, **2001**, 2850-2855 4
- 34 A simple desymmetrisation approach to unsymmetric N,N'-disubstituted cyclic ureas. *Tetrahedron Letters*, **1999**, 40, 7143-7146 2 4

33	Asymmetric syntheses of the 1-hydroxymethyl-2-hydroxy substituted pyrrolizidines (1 <i>S</i>)-macronecine, (1 <i>S</i>)-petasinecine, (1 <i>S</i>)-1-epi-macronecine, (+)-1-epi-petasinecine and (+)-2-epi-rosmarinecine. <i>Tetrahedron</i> , 2016 , 72, 7449-7461	2.4	4
32	Asymmetric synthesis of d-fagomine and its diastereoisomers. <i>Tetrahedron</i> , 2018 , 74, 7261-7271	2.4	4
31	Asymmetric syntheses of the methyl 3-deoxy-3-amino-glycosides of d-glycero-l-gulo-heptose, d-glycero-d-galacto-heptose, d-glycero-l-allo-heptose and d-glycero-d-allo-heptose. <i>Tetrahedron: Asymmetry</i> , 2016 , 27, 31-42		3
30	Probing Competitive and Co-operative Hydroxyl and Ammonium Hydrogen-Bonding Directed Epoxidations. <i>Journal of Organic Chemistry</i> , 2017 , 82, 10297-10309	4.2	3
29	Stereochemical Assignment of Substituted 2-Aminobicyclo[3.1.0]hexane and 2-Aminobicyclo[5.1.0]octane Derivatives via Single Crystal X-ray Diffraction. <i>Journal of Chemical Crystallography</i> , 2011 , 41, 1007-1012	0.5	3
28	Discovery and mechanism of action studies of 4,6-diphenylpyrimidine-2-carbohydrazides as utrophin modulators for the treatment of Duchenne muscular dystrophy. <i>European Journal of Medicinal Chemistry</i> , 2021 , 220, 113431	6.8	3
27	Synthesis of (-)-Conduramine A1, (-)-Conduramine A2 and (-)-Conduramine E2 in Six Steps from Cyclohexa-1,4-diene. <i>Organic Letters</i> , 2019 , 21, 7933-7937	6.2	2
26	Decreasing HepG2 Cytotoxicity by Lowering the Lipophilicity of Benzo[d]oxazolephosphinate Ester Utrophin Modulators. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 2421-2427	4.3	2
25	Asymmetric synthesis of the allocolchicinoid natural product N-acetylcolchicol methyl ether (suhailamine), solid state and solution phase conformational analysis. <i>Tetrahedron</i> , 2019 , 75, 130694	2.4	2
24	The Synthesis and Crystal Structure of Cbz-[(1 <i>R</i> ,2 <i>S</i>)-ACPC]3-OH: A Tripeptide Derived from the β -Amino Acid (1 <i>R</i> ,2 <i>S</i>)-Cispentacin. <i>Journal of Chemical Crystallography</i> , 2014 , 44, 205-209	0.5	2
23	Stereochemical aspects of nucleophilic addition reactions to alkoxy-carbene cations of the iron chiral auxiliary [(1 <i>S</i> -C ₅ H ₅)Fe(CO)(PPh ₃)]. <i>New Journal of Chemistry</i> , 2013 , 37, 3406	3.6	2
22	Asymmetric ortho-deprotonation of (1 <i>S</i> -arene) chromium tricarbonyl complexes substituted with a chiral hydroxylamine. <i>Tetrahedron</i> , 2017 , 73, 5411-5417	2.4	2
21	Synthesis and Crystal Structures of (1 <i>R</i> ,2 <i>R</i> ,3 <i>R</i>)- and (1 <i>S</i> ,2 <i>S</i> ,3 <i>S</i>)-3-(<i>N</i> -Methylamino)cyclohexane-1,2-diol. <i>Journal of Chemical Crystallography</i> , 2014 , 44, 30-35	0.5	2
20	The homalium alkaloids: isolation, synthesis, and absolute configuration assignment. <i>The Alkaloids Chemistry and Biology</i> , 2015 , 74, 121-58	4.8	1
19	Synthesis and Crystal Structures of 2-Azido-4-aminocyclohexane-1,3-diols. <i>Journal of Chemical Crystallography</i> , 2015 , 45, 401-409	0.5	1
18	Asymmetric synthesis of secondary benzylic alcohols via arene chromium tricarbonyl complexes. <i>Tetrahedron</i> , 2018 , 74, 5965-5973	2.4	1
17	The asymmetric synthesis of (1 <i>S</i> ,2 <i>S</i>)-methylphenidate hydrochloride via ring-opening of an enantiopure aziridinium intermediate with phenylmagnesium bromide. <i>Tetrahedron</i> , 2019 , 75, 130713	2.4	1
16	Extending the Curtin-Hammett principle: the relative rates of intramolecular cyclisation versus intermolecular processes. <i>Tetrahedron Letters</i> , 2014 , 55, 1886-1889	2	1

15	Diastereoselective conjugate additions to alkoxy-carbene cations of the iron chiral auxiliary [(β -C ₅ H ₅)Fe(CO)(PPh ₃)C(OMe)CHCHR] ⁺ . <i>Journal of Organometallic Chemistry</i> , 2015 , 792, 66-73	2.3	1
14	Aminothiazolones as potent, selective and cell active inhibitors of the PIM kinase family. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115724	3.4	1
13	Short asymmetric syntheses of sphinganine [(2S,3R)-2-amino-octadecane-1,3-diol] and its C(2)-epimer. <i>Tetrahedron Letters</i> , 2021 , 66, 152743	2	1
12	A novel tubulin binding molecule drives differentiation of acute myeloid leukaemia cells		1
11	Microconine [N-methyl-2-methyl-3-methoxy-6-(deca- β ,5 γ -trienyl)piperidine, an alkaloid from <i>Microcos paniculata</i>]: Synthesis, stereochemistry and spectroscopic data. <i>Tetrahedron</i> , 2021 , 79, 131860 ^{2,4}		1
10	Lithium Amides as Homochiral Ammonia Equivalents for Conjugate Additions to α,β -Unsaturated Esters: Asymmetric Synthesis of (S)- β -Leucine 2010 , 143-160		1
9	Structure-activity relationships of 2-pyrimidinecarbohydrazides as utrophin modulators for the potential treatment of Duchenne muscular dystrophy. <i>Bioorganic and Medicinal Chemistry</i> , 2022 , 116812 ^{3,4}		1
8	A Phenotypic Screen Identifies a Compound Series That Induces Differentiation of Acute Myeloid Leukemia Cells and Shows Antitumor Effects. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 15608-15628	8.3	0
7	Microcosamine A, Microgrewiapine A and Microgrewiapine B: three homochiral alkaloids?. <i>Tetrahedron</i> , 2021 , 89, 132056	2.4	0
6	Mutual kinetic resolution: probing enantio-recognition phenomena and screening for kinetic resolution with racemic reagents. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 2847-2855	3.9	0
5	Solid state conformations of α,β -Unsaturated hydroxamates derived from the chiral Weinreb amide auxiliary (S)-N-1-(1 γ -naphthyl)ethyl-O-tert-butylhydroxylamine. <i>Tetrahedron: Asymmetry</i> , 2017 , 28, 1337-1341		
4	A Semiautomated, Phenotypic, Scratch Assay for Assessing Retinal Pigment Epithelial Cell Wound Healing. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2020 , 36, 257-266	2.6	
3	The Synthesis and Crystal Structures of Two Hydrogen-Bonded N-Oxides. <i>Journal of Chemical Crystallography</i> , 2014 , 44, 548-554	0.5	
2	Discussion Addendum for: Lithium Amides as Homochiral Ammonia Equivalents for Conjugate Additions to α,β -Unsaturated Esters: Asymmetric Synthesis of (S)- β -Leucine 1-13		
1	Chemical Proteomics and Phenotypic Profiling Identifies the Aryl Hydrocarbon Receptor as a Molecular Target of the Utrophin Modulator Ezutromid. <i>Angewandte Chemie</i> , 2020 , 132, 2441-2449	3.6	