Stephen G Davies

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

374 papers	10,361 citations	50 h-index	68 g-index
424 ext. papers	11,007 ext. citations	3.8 avg, IF	5.95 L-index

#	Paper	IF	Citations
374	Structure-activity relationships of 2-pyrimidinecarbohydrazides as utrophin modulators for the potential treatment of Duchenne muscular dystrophy. *Bioorganic and Medicinal Chemistry*, **2022**, 116812	3.4	1
373	A Phenotypic Screen Identifies a Compound Series That Induces Differentiation of Acute Myeloid Leukemia Cells and Shows Antitumor Effects. *Journal of Medicinal Chemistry*, **2021**, 64, 15608-15628	8.3	0
372	Short asymmetric syntheses of sphinganine [(2S,3R)-2-aminooctadecane-1,3-diol] and its C(2)-epimer. *Tetrahedron Letters*, **2021**, 66, 152743	2	1
371	Microconine [N-methyl-2-methyl-3-methoxy-6-(deca-l□3?,5?-trienyl)piperidine, an alkaloid from Microcos paniculata]: Synthesis, stereochemistry and spectroscopic data. *Tetrahedron*, **2021**, 79, 131860	2.4	1
370	Microcosamine A, Microgrewiapine A and Microgrewiapine B: three homochiral alkaloids?. *Tetrahedron*, **2021**, 89, 132056	2.4	0
369	Discovery and mechanism of action studies of 4,6-diphenylpyrimidine-2-carbohydrazides as utrophin modulators for the treatment of Duchenne muscular dystrophy. *European Journal of Medicinal Chemistry*, **2021**, 220, 113431	6.8	3
368	Mutual kinetic resolution: probing enantiorecognition phenomena and screening for kinetic resolution with racemic reagents. *Organic and Biomolecular Chemistry*, **2021**, 19, 2847-2855	3.9	0
367	Decreasing HepG2 Cytotoxicity by Lowering the Lipophilicity of Benzo[d]oxazolephosphinate Ester Utrophin Modulators. *ACS Medicinal Chemistry Letters*, **2020**, 11, 2421-2427	4.3	2
366	2-Arylbenzo[]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
365	A Semiautomated, Phenotypic, Scratch Assay for Assessing Retinal Pigment Epithelial Cell Wound Healing. *Journal of Ocular Pharmacology and Therapeutics*, **2020**, 36, 257-266	2.6	
364	Chemical Proteomics and Phenotypic Profiling Identifies the Aryl Hydrocarbon Receptor as a Molecular Target of the Utrophin Modulator Ezutromid. *Angewandte Chemie*, **2020**, 132, 2441-2449	3.6	
363	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
362	Synthesis of SMT022357 enantiomers and evaluation in a Duchenne muscular dystrophy mouse model. *Tetrahedron*, **2020**, 76, 130819	2.4	5
361	Aminothiazolones as potent, selective and cell active inhibitors of the PIM kinase family. *Bioorganic and Medicinal Chemistry*, **2020**, 28, 115724	3.4	1
360	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
359	-Acetylcolchinol Methyl Ether (a Natural Product); Suhailamine (a Phantom Natural Product). *Journal of Natural Products*, **2019**, 82, 2659-2663	4.9	4
358	Synthesis of (-)-Conduramine A1, (-)-Conduramine A2 and (-)-Conduramine E2 in Six Steps from Cyclohexa-1,4-diene. *Organic Letters*, **2019**, 21, 7933-7937	6.2	2

357	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	3.2	11
356	SuperQuat chiral auxiliaries: design, synthesis, and utility. *Organic and Biomolecular Chemistry*, **2019**, 17, 1322-1335	3.9	15
355	Asymmetric syntheses of fagomine and its stereoisomers. *Tetrahedron*, **2019**, 75, 130727	2.4	4
354	Asymmetric synthesis of the allocolchicinoid natural product N-acetylcolchinol methyl ether (suhailamine), solid state and solution phase conformational analysis. *Tetrahedron*, **2019**, 75, 130694	2.4	2
353	The asymmetric synthesis of (S,S)-methylphenidate hydrochloride via ring-opening of an enantiopure aziridinium intermediate with phenylmagnesium bromide. *Tetrahedron*, **2019**, 75, 130713	2.4	1
352	Trading N and O. Part 4: Asymmetric synthesis of syn-□substituted-□-amino acids. *Tetrahedron*, **2018**, 74, 5049-5061	2.4	5
351	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
350	Asymmetric synthesis of secondary benzylic alcohols via arene chromium tricarbonyl complexes. *Tetrahedron*, **2018**, 74, 5965-5973	2.4	1
349	Stereoselective Ammonium-Directed Epoxidation in the Asymmetric Syntheses of Dihydroconduramines (□)-A-2, (□)-B-2, (□)-C-3 and (+)-F-3. *Synthesis*, **2018**, 50, 64-83	2.9	10
348	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
347	Asymmetric synthesis of d-fagomine and its diastereoisomers. *Tetrahedron*, **2018**, 74, 7261-7271	2.4	4
346	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
345	Thiazolidine derivatives as potent and selective inhibitors of the PIM kinase family. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 2657-2665	3.4	32
344	Asymmetric Synthesis of the Tetraponerine Alkaloids. *Journal of Organic Chemistry*, **2017**, 82, 6689-6702	4.2	10
343	(-)-Pseudodistomin E: First Asymmetric Synthesis and Absolute Configuration Assignment. *Organic Letters*, **2017**, 19, 1638-1641	6.2	9
342	Solid state conformations of □,□unsaturated hydroxamates derived from the □hiral Weinreb amide□auxiliary (S)- N -1-(1?-naphthyl)ethyl- O - tert -butylhydroxylamine. *Tetrahedron: Asymmetry*, **2017**, 28, 1337-1341		
341	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
340	Probing Competitive and Co-operative Hydroxyl and Ammonium Hydrogen-Bonding Directed Epoxidations. *Journal of Organic Chemistry*, **2017**, 82, 10297-10309	4.2	3

339	Asymmetric ortho-deprotonation of (η6-arene) chromium tricarbonyl complexes substituted with a chiral hydroxylamine. *Tetrahedron*, **2017**, 73, 5411-5417	2.4	2
338	Structural Revision of the Hancock Alkaloid (-)-Galipeine. *Journal of Organic Chemistry*, **2017**, 82, 10673-10679	4.6	14
337	Asymmetric Synthesis of Pyrrolizidines, Indolizidines and Quinolizidines via a Double Reductive Cyclisation Protocol. *Synlett*, **2017**, 28, 2697-2706	2.2	9
336	The conjugate addition of enantiomerically pure lithium amides as chiral ammonia equivalents part III: 2012–2017. *Tetrahedron: Asymmetry*, **2017**, 28, 1842-1868		17
335	Asymmetric syntheses of the N-terminal α-hydroxy-β-amino acid components of microginins 612, 646 and 680. *Tetrahedron: Asymmetry*, **2017**, 28, 1756-1764		4
334	Asymmetric Syntheses of (-)-ADMJ and (+)-ADANJ: 2-Deoxy-2-amino Analogues of (-)-1-Deoxymannojirimycin and (+)-1-Deoxyallonojirimycin. *Journal of Organic Chemistry*, **2016**, 81, 6481-95	4.2	13
333	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
332	Asymmetric syntheses of (−)-hastanecine, (−)-turneforcidine and (−)-platynecine. *Tetrahedron*, **2016**, 72, 4523-4535	2.4	13
331	The asymmetric synthesis of enantiopure C(5)-substituted transpentacins via diastereoselective conjugate additions to a 2-amino-α,β-unsaturated ester. *Tetrahedron: Asymmetry*, **2016**, 27, 208-221		5
330	Asymmetric synthesis of N,O-diacetyl-3-epi-xestoaminol C: structure and absolute configuration confirmation of 3-epi-xestoaminol C. *Tetrahedron Letters*, **2016**, 57, 1270-1272	2	12
329	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
328	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. *Tetrahedron: Asymmetry*, **2016**, 27, 31-42		3
327	Trading N and O. Part 3: Synthesis of 1,2,3,4-tetrahydroisoquinolines from α-hydroxy-β-amino esters. *Tetrahedron*, **2016**, 72, 2139-2163	2.4	11
326	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
325	Asymmetric syntheses of the 1-hydroxymethyl-2-hydroxy substituted pyrrolizidines (−)-macronecine, (−)-petasinecine, (−)-1- epi -macronecine, (+)-1- epi -petasinecine and (+)-2- epi -rosmarinecine. *Tetrahedron*, **2016**, 72, 7449-7461	2.4	4
324	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
323	The homalium alkaloids: isolation, synthesis, and absolute configuration assignment. *The Alkaloids Chemistry and Biology*, **2015**, 74, 121-58	4.8	1
322	Asymmetric Synthesis of Substituted anti-β-Fluorophenylalanines. *Organic Letters*, **2015**, 17, 2254-7	6.2	19

321	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
320	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
319	Enantiopure 3-Amino-Substituted 1-Indanones, 1-Tetralones, and 1-Benzosuberones via Friedel–Crafts Cyclisation of β-Aryl-β-benzamido Acids. *Synlett*, **2015**, 26, 1541-1544	2.2	6
318	Synthesis and Crystal Structures of 2-Azido-4-aminocyclohexane-1,3-diols. *Journal of Chemical Crystallography*, **2015**, 45, 401-409	0.5	1
317	Asymmetric syntheses of polysubstituted homoprolines and homoprolinols. *Tetrahedron*, **2015**, 71, 9131-9142	2.4	7
316	Syntheses of (R)-sitagliptin. *Tetrahedron: Asymmetry*, **2015**, 26, 1109-1116		10
315	Second-generation compound for the modulation of utrophin in the therapy of DMD. *Human Molecular Genetics*, **2015**, 24, 4212-24	5.6	58
314	Concise total asymmetric syntheses of (–)-fagomine, two of its epimers, and two seven-membered ring congeners. *Tetrahedron*, **2015**, 71, 7170-7180	2.4	14
313	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
312	Pinacolatoboron fluoride (pinBF) is an efficient fluoride transfer agent for diastereoselective synthesis of benzylic fluorides. *Tetrahedron Letters*, **2015**, 56, 3373-3377	2	11
311	Diastereoselective conjugate additions to alkoxycarbene cations of the iron chiral auxiliary [(η5-C5H5)Fe(CO)(PPh3)C(OMe)CHCHR]+. *Journal of Organometallic Chemistry*, **2015**, 792, 66-73	2.3	1
310	Stemistry: the control of stem cells in situ using chemistry. *Journal of Medicinal Chemistry*, **2015**, 58, 2863-94	5.9	22
309	Asymmetric syntheses of (–)-isoretronecanol and (–)-trachelantamidine. *Tetrahedron*, **2014**, 70, 204-211	2.4	25
308	Asymmetric and enantiospecific syntheses of 1-hydroxymethyl pyrrolizidine alkaloids. *Tetrahedron: Asymmetry*, **2014**, 25, 387-403		20
307	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
306	Doubly diastereoselective conjugate additions of the antipodes of lithium N-benzyl-N-(α-methylbenzyl)amide to enantiopure 4-O-protected α,β-unsaturated esters derived from d-ribose. *Tetrahedron: Asymmetry*, **2014**, 25, 534-546		13
305	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
304	Extending the Curtin–Hammett principle: the relative rates of intramolecular cyclisation versus intermolecular processes. *Tetrahedron Letters*, **2014**, 55, 1886-1889	2	1

303	Asymmetric syntheses of (-)-3-epi-Fagomine, (2R,3S,4R)-dihydroxypipecolic acid, and several polyhydroxylated homopipecolic acids. *Journal of Organic Chemistry*, **2014**, 79, 10932-44	4.2	16
302	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
301	Diastereoselective Ireland-Claisen rearrangements of substituted allyl □amino esters: applications in the asymmetric synthesis of C(5)-substituted transpentacins. *Organic and Biomolecular Chemistry*, **2014**, 12, 2702-28	3.9	8
300	Stereospecific cyclization strategies for □,□dihydroxy-□amino esters: asymmetric syntheses of imino and amino sugars. *Journal of Organic Chemistry*, **2014**, 79, 9686-98	4.2	12
299	An efficient asymmetric synthesis of (-)-lupinine. *Chemical Communications*, **2014**, 50, 8309-11	5.8	19
298	The Synthesis and Crystal Structure of Cbz-[(1R,2S)-ACPC]3-OH: A Tripeptide Derived from the □Amino Acid (1R,2S)-Cispentacin. *Journal of Chemical Crystallography*, **2014**, 44, 205-209	0.5	2
297	Trading N and O. Part 2: Exploiting aziridinium intermediates for the synthesis of □hydroxy-□-amino acids. *Tetrahedron*, **2014**, 70, 5849-5862	2.4	20
296	Hydrogen bond directed epoxidation: diastereoselective olefinic oxidation of allylic alcohols and amines. *Organic and Biomolecular Chemistry*, **2014**, 12, 4544-9	3.9	25
295	(-)-(2S,3R,Z)-Nakinadine A: first asymmetric synthesis and absolute configuration assignment. *Organic Letters*, **2014**, 16, 1354-7	6.2	9
294	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
293	The Synthesis and Crystal Structures of Two Hydrogen-Bonded N-Oxides. *Journal of Chemical Crystallography*, **2014**, 44, 548-554	0.5	
292	Stereoselective syntheses of substituted succinic acid derivatives of the iron chiral auxiliary [(□5-C5H5)Fe(CO)(PPh3)]. *Tetrahedron*, **2014**, 70, 8938-8951	2.4	5
291	Synthesis and Crystal Structures of (RS,RS,RS)- and (1RS,2RS,3SR)-3-(N-Methylamino)cyclohexane-1,2-diol. *Journal of Chemical Crystallography*, **2014**, 44, 30-35	0.5	2
290	Asymmetric syntheses of enantiopure C(5)-substituted transpentacins via diastereoselective Ireland-Claisen rearrangements. *Chemical Communications*, **2013**, 49, 7037-9	5.8	13
289	Direct asymmetric syntheses of chiral aldehydes and ketones via N-acyl chiral auxiliary derivatives including chiral Weinreb amide equivalents. *Chemical Communications*, **2013**, 49, 8586-98	5.8	20
288	Trading N and O: asymmetric syntheses of □hydroxy-□-amino acids via □-hydroxy-□amino esters. *Tetrahedron*, **2013**, 69, 8885-8898	2.4	30
287	Solution phase structures of enantiopure and racemic lithium N-benzyl-N-(□-methylbenzyl)amide in THF: low temperature 6Li and 15N NMR spectroscopic studies. *Tetrahedron: Asymmetry*, **2013**, 24, 947-952		5
286	Asymmetric synthesis of the marine alkaloid (□)-(S)-nakinadine C. *Tetrahedron Letters*, **2013**, 54, 6423-6426		9

285	A diastereodivergent strategy for the asymmetric syntheses of (−)-martinellic acid and (−)-4-epi-martinellic acid. *Tetrahedron*, **2013**, 69, 9779-9803	2.4	19
284	Stereochemical aspects of nucleophilic addition reactions to alkoxycarbene cations of the iron chiral auxiliary [(η5-C5H5)Fe(CO)(PPh3)]. *New Journal of Chemistry*, **2013**, 37, 3406	3.6	2
283	Asymmetric synthesis of (−)-(1R,7aS)-absouline. *Tetrahedron*, **2013**, 69, 1369-1377	2.4	25
282	Asymmetric syntheses of dihydroxyhomoprolines via doubly diastereoselective lithium amide conjugate addition reactions. *Tetrahedron*, **2013**, 69, 8680-8704	2.4	12
281	Asymmetric syntheses of APTO and AETD: the α-amino acid fragments within microsclerodermins C, D, and E. *Journal of Organic Chemistry*, **2013**, 78, 2500-10	4.2	26
280	Design, synthesis and structure-activity relationships of 3,5-diaryl-1H-pyrazoles as inhibitors of arylamine N-acetyltransferase. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 2759-64	2.9	24
279	Asymmetric syntheses of (-)-1-deoxymannojirimycin and (+)-1-deoxyallonojirimycin via a ring-expansion approach. *Organic Letters*, **2013**, 15, 2042-5	6.2	38
278	Asymmetric synthesis of (-)-martinellic acid. *Organic Letters*, **2013**, 15, 2050-3	6.2	39
277	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
276	Asymmetric syntheses of methyl N,O-diacetyl-D-3-epi-daunosaminide and methyl N,O-diacetyl-D-ristosaminide. *Journal of Organic Chemistry*, **2013**, 78, 12397-408	4.2	20
275	Synthesis and Crystal Structures of N-Aryl-N-methylaminocyclohexanols. *Journal of Chemical Crystallography*, **2013**, 43, 646-654	0.5	4
274	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
273	Ring-closing iodoamination of homoallylic amines for the synthesis of polysubstituted pyrrolidines: application to the asymmetric synthesis of (−)-codonopsinine. *Tetrahedron*, **2012**, 68, 4302-4319	2.4	38
272	Asymmetric synthesis of (−)-(S,S)-homaline. *Tetrahedron Letters*, **2012**, 53, 1119-1121	2	19
271	Asymmetric synthesis of (−)-(R)-sitagliptin. *Tetrahedron Letters*, **2012**, 53, 3052-3055	2	33
270	Asymmetric syntheses of the homalium alkaloids (-)-(S,S)-homaline and (-)-(R,R)-hopromine. *Journal of Organic Chemistry*, **2012**, 77, 7028-45	4.2	16
269	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, 9724-37	4.2	15
268	Ammonium-directed olefinic epoxidation: kinetic and mechanistic insights. *Journal of Organic Chemistry*, **2012**, 77, 7241-61	4.2	28

267	On the origins of diastereoselectivity in the conjugate additions of the antipodes of lithium N-benzyl-(N-α-methylbenzyl)amide to enantiopure cis- and trans-dioxolane containing α,β-unsaturated esters. *Organic and Biomolecular Chemistry*, **2012**, 10, 6186-200	3.9	20
266	Asymmetric synthesis of β-fluoroaryl-β-amino acids. *Tetrahedron: Asymmetry*, **2012**, 23, 910-925		11
265	(-)-(S)-Nakinadine B: first asymmetric synthesis. *Chemical Communications*, **2012**, 48, 9236-8	5.8	12
264	The conjugate addition of enantiomerically pure lithium amides as chiral ammonia equivalents part II: 2005–2011. *Tetrahedron: Asymmetry*, **2012**, 23, 1111-1153		103
263	Polysubstituted piperidines via iodolactonization: application to the asymmetric synthesis of (+)-pseudodistomin D. *Organic Letters*, **2012**, 14, 1672-5	6.2	32
262	Parallel kinetic resolution of acyclic β-amino-α,β-unsaturated esters: application to the asymmetric synthesis of 4-aminopyrrolidin-2-ones. *Organic Letters*, **2012**, 14, 218-21	6.2	25
261	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
260	Piperidinols that show anti-tubercular activity as inhibitors of arylamine N-acetyltransferase: an essential enzyme for mycobacterial survival inside macrophages. *PLoS ONE*, **2012**, 7, e52790	3.7	20
259	Asymmetric synthesis of the tropane alkaloid (+)-pseudococaine via ring-closing iodoamination. *Organic Letters*, **2012**, 14, 4278-81	6.2	37
258	Asymmetric synthesis of polyhydroxylated pyrrolizidines via transannular iodoamination with concomitant N-debenzylation. *Organic Letters*, **2011**, 13, 1594-7	6.2	62
257	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
256	Ring-opening hydrofluorination of 2,3- and 3,4-epoxy amines by $HBF_4{\cdot}OEt_2$: application to the asymmetric synthesis of (S,S)-3-deoxy-3-fluorosafingol. *Journal of Organic Chemistry*, **2011**, 76, 4617-27	4.2	18
255	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
254	Asymmetric synthesis of piperidines and octahydroindolizines using a one-pot ring-closure/N-debenzylation procedure. *Tetrahedron*, **2011**, 67, 9975-9992	2.4	39
253	Asymmetric synthesis of syn- and anti-α-deuterio-β-phenylalanine derivatives. *Tetrahedron: Asymmetry*, **2011**, 22, 1035-1050		39
252	Concise, efficient and highly selective asymmetric synthesis of (+)-(3S,4R)-cisapride. *Tetrahedron: Asymmetry*, **2011**, 22, 1591-1593		12
251	Asymmetric synthesis of (–)-codonopsinine. *Tetrahedron Letters*, **2011**, 52, 6477-6480	2	29
250	Stereochemical Assignment of Substituted 2-Aminobicyclo[3.1.0]hexane and 2-Aminobicyclo[5.1.0]octane Derivatives via Single Crystal X-ray Diffraction. *Journal of Chemical Crystallography*, **2011**, 41, 1007-1012	0.5	3

249	Crystal Structures of Dipeptides Derived from the α-Amino Acids (1R,2S)-2-Aminocyclopentanecarboxylic Acid and (1S,2R,3S)-2-Amino-3-methylcyclopentanecarboxylic Acid. *Journal of Chemical Crystallography*, **2011** 41, 1722-1728	0.5	4
248	Double asymmetric induction as a mechanistic probe: the doubly diastereoselective conjugate addition of enantiopure lithium amides to enantiopure α,β-unsaturated esters and enantiopure α,β-unsaturated hydroxamates. *Tetrahedron*, **2011**, 67, 6382-6403	2.4	21
247	A systematic study of the solid state and solution phase conformational preferences of β-peptides derived from C(3)-alkyl substituted transpentacin derivatives. *Tetrahedron: Asymmetry*, **2011**, 22, 69-100		22
246	Conjugate addition of lithium N-phenyl-N-(α-methylbenzyl)amide: application to the asymmetric synthesis of (R)-(-)-angustureine. *Organic Letters*, **2011**, 13, 2544-7	6.2	50
245	Asymmetric syntheses of (+)-negamycin, (+)-3-epi-negamycin and sperabillin C via lithium amide conjugate addition. *Tetrahedron*, **2011**, 67, 216-227	2.4	28
244	Concise and highly selective asymmetric synthesis of acosamine from sorbic acid. *Tetrahedron Letters*, **2011**, 52, 2216-2220	2	47
243	Asymmetric Synthesis of Piperidines and Octahydroindolizines. *Synlett*, **2010**, 2010, 567-570	2.2	24
242	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
241	Syntheses of trans-SCH-A and cis-SCH-A via a stereodivergent cyclopropanation protocol. *Organic Letters*, **2010**, 12, 3152-5	6.2	10
240	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
239	Beta-fluoroamphetamines via the stereoselective synthesis of benzylic fluorides. *Organic Letters*, **2010**, 12, 2936-9	6.2	53
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1	A novel tubulin binding molecule drives differentiation of acute myeloid leukaemia cells		1