

Margaret Brimble

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546
papers

8,969
citations

37
h-index

58
g-index

581
ext. papers

10,508
ext. citations

4.8
avg, IF

6.67
L-index

#	Paper	IF	Citations
546	C-H functionalization in the synthesis of amino acids and peptides. <i>Chemical Reviews</i> , 2014 , 114, 8775-8068	168.1	390
545	Pyranonaphthoquinone antibiotics--isolation, structure and biological activity. <i>Natural Product Reports</i> , 1999 , 16, 267-81	15.1	139
544	Isolation, biological activity and synthesis of benzannulated spiroketal natural products. <i>Natural Product Reports</i> , 2010 , 27, 1117-37	15.1	123
543	Molecules derived from the extremes of life. <i>Natural Product Reports</i> , 2009 , 26, 44-71	15.1	119
542	Structure-mechanical property correlations of hydrogel forming sheet peptides. <i>Chemical Society Reviews</i> , 2016 , 45, 4797-824	58.5	100
541	Structural Basis for Receptor Activity-Modifying Protein-Dependent Selective Peptide Recognition by a G Protein-Coupled Receptor. <i>Molecular Cell</i> , 2015 , 58, 1040-52	17.6	90
540	Natural product derived privileged scaffolds in drug discovery. <i>Current Opinion in Chemical Biology</i> , 2019 , 52, 1-8	9.7	86
539	Synthesis of bis-spiroacetal ring systems. <i>Tetrahedron</i> , 1999 , 55, 7661-7706	2.4	85
538	Effect of fungal metabolite peramine and analogs on feeding and development of argentine stem weevil (<i>Listronotus bonariensis</i>). <i>Journal of Chemical Ecology</i> , 1990 , 16, 1683-95	2.7	84
537	Synthetic Strategies Towards Pyranonaphthoquinone Antibiotics. <i>Tetrahedron</i> , 2000 , 56, 1937-1992	2.4	78
536	Pyranonaphthoquinones--isolation, biological activity and synthesis. <i>Natural Product Reports</i> , 2008 , 25, 376-400	15.1	76
535	Synthesis of fish antifreeze neoglycopeptides using microwave-assisted "click chemistry". <i>Organic Letters</i> , 2009 , 11, 2409-12	6.2	73
534	A one-pot approach to neoglycopeptides using orthogonal native chemical ligation and click chemistry. <i>Organic Letters</i> , 2009 , 11, 5270-3	6.2	69
533	Gold catalysis: synthesis of spiro, bridged, and fused ketal natural products. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 3098-3104	3.9	60
532	The Kulinkovich hydroxycyclopropanation reaction in natural product synthesis. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 7649-65	3.9	60
531	Direct peptide lipidation through thiol-ene coupling enables rapid synthesis and evaluation of self-adjuvanting vaccine candidates. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10616-9	16.4	57
530	Spiroimine shellfish poisoning (SSP) and the spiroamide family of shellfish toxins: isolation, structure, biological activity and synthesis. <i>Natural Product Reports</i> , 2010 , 27, 1350-66	15.1	57

529	An efficient formal synthesis of the human telomerase inhibitor (+/-)-gamma-rubromycin. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7996-8000	16.4	56
528	Synthesis of natural products containing spiroketals via intramolecular hydrogen abstraction. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 29-38	3.9	54
527	Methyllycaconitine analogues have mixed antagonist effects at nicotinic acetylcholine receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 4565-75	3.4	54
526	Chemistry of Bis-Spiroacetal Systems: Natural Products, Synthesis and Stereochemistry. <i>Current Organic Chemistry</i> , 2003 , 7, 1461-1484	1.7	54
525	Synthesis and antifreeze activity of fish antifreeze glycoproteins and their analogues. <i>Chemical Science</i> , 2010 , 1, 538	9.4	52
524	CBI activation. <i>Nature Reviews Methods Primers</i> , 2021 , 1,		52
523	Protecting-group-free one-pot synthesis of glycoconjugates directly from reducing sugars. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11907-11	16.4	49
522	Synthesis of the bis-spiroacetal moiety of spirolides B and D. <i>Organic Letters</i> , 2005 , 7, 3497-500	6.2	48
521	Grafting from Poly(3,4-ethylenedioxythiophene): A Simple Route to Versatile Electrically Addressable Surfaces. <i>Macromolecules</i> , 2013 , 46, 4955-4965	5.5	46
520	NKT cell-dependent glycolipid-peptide vaccines with potent anti-tumour activity. <i>Chemical Science</i> , 2015 , 6, 5120-5127	9.4	44
519	Synthesis of the bis-spiroacetal moiety of the shellfish toxins spirolides B and D using an iterative oxidative radical cyclization strategy. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 2184-92	3.9	44
518	Synthesis of the ABC fragment of the pectenotoxins. <i>Organic Letters</i> , 2005 , 7, 2659-62	6.2	41
517	Isolation, biological activity, biosynthesis and synthetic studies towards the rubromycin family of natural products. <i>Natural Product Reports</i> , 2015 , 32, 811-40	15.1	40
516	An improved procedure for the preparation of aminomethyl polystyrene resin and its use in solid phase (peptide) synthesis. <i>Tetrahedron Letters</i> , 2011 , 52, 6024-6026	2	40
515	Synthesis of cyclic proline-containing peptides via ring-closing metathesis. <i>Organic Letters</i> , 2003 , 5, 1847-50	6.5	40
514	Use of a sonogashira-acetylide coupling strategy for the synthesis of the aromatic spiroketal skeleton of gamma-rubromycin. <i>Organic Letters</i> , 2003 , 5, 4425-7	6.2	40
513	A review of the synthesis of β -carbolines. <i>European Journal of Medicinal Chemistry</i> , 2015 , 97, 816-29	6.8	38
512	Synthesis of isotopically labelled thiol volatiles and cysteine conjugates for quantification of Sauvignon Blanc wine. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007 , 50, 237-243	1.9	38

511	The first enantioselective total synthesis of the anti-Helicobacter pylori agent (+)-spirolaxine methyl ether. <i>Chemical Communications</i> , 2005 , 1560-2	5.8	38
510	Characterizing the mode of action of extracellular Connexin43 channel blocking mimetic peptides in an in vitro ischemia injury model. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 68-78	4	37
509	A convergent synthesis of the [4.4]-spiroacetal- β -lactones cephalosporolides E and F. <i>Tetrahedron</i> , 2011 , 67, 995-1001	2.4	37
508	Peripheral administration of a novel diketopiperazine, NNZ 2591, prevents brain injury and improves somatosensory-motor function following hypoxia-ischemia in adult rats. <i>Neuropharmacology</i> , 2007 , 53, 749-62	5.5	37
507	Addition of silyloxydienes to 2-substituted 1,4-benzoquinones and 1,4-naphthoquinones. <i>Tetrahedron</i> , 1997 , 53, 7715-7730	2.4	35
506	Pyranonaphthoquinones - isolation, biology and synthesis: an update. <i>Natural Product Reports</i> , 2017 , 34, 25-61	15.1	34
505	Heteroatom-directed reverse Wacker oxidations. Synthesis of the reported structure of (-)-herbaric acid. <i>Journal of Organic Chemistry</i> , 2010 , 75, 7388-92	4.2	34
504	Receptor Activity-modifying Proteins 2 and 3 Generate Adrenomedullin Receptor Subtypes with Distinct Molecular Properties. <i>Journal of Biological Chemistry</i> , 2016 , 291, 11657-75	5.4	34
503	Total chemical synthesis of glycocin F and analogues: -glycosylation confers improved antimicrobial activity. <i>Chemical Science</i> , 2018 , 9, 1686-1691	9.4	33
502	Molecular Signature for Receptor Engagement in the Metabolic Peptide Hormone Amylin. <i>ACS Pharmacology and Translational Science</i> , 2018 , 1, 32-49	5.9	33
501	Convergent chemoenzymatic synthesis of a library of glycosylated analogues of pramlintide: structure-activity relationships for amylin receptor agonism. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 8142-51	3.9	33
500	A flexible asymmetric synthesis of the tetracyclic core of berkelic acid using a Horner-Wadsworth-Emmons/oxa-Michael cascade. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 1284-6	3.9	33
499	A novel approach to the CDE ring system of pectenotoxin-4 triggered by VO(acac) ₂ -induced epoxy-acetalization. <i>Organic Letters</i> , 2009 , 11, 563-6	6.2	33
498	Use of (S)-5-(2-Methylpyrrolidin-2-yl)-1H-tetrazole as a Novel and Enantioselective Organocatalyst for the Aldol Reaction. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 164-170	3.2	33
497	Norborn-2-en-7-ones as physiologically-triggered carbon monoxide-releasing prodrugs. <i>Chemical Science</i> , 2017 , 8, 5454-5459	9.4	32
496	Recent developments in transition metal-catalysed spiroketalisation. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 7423-32	3.9	32
495	Synthesis of aromatic spiroacetals related to β -rubicin based on a 3H-spiro[1-benzofuran-2,2'-chromane] skeleton. <i>Tetrahedron</i> , 2007 , 63, 6015-6034	2.4	32
494	Synthetic studies towards the pectenotoxins: a review. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 4048-58	3.5	32

493	Molecular Weight and Charge Density Effects of Guanidinylated Biodegradable Polycarbonates on Antimicrobial Activity and Selectivity. <i>Biomacromolecules</i> , 2018 , 19, 1389-1401	6.9	32
492	Synthesis of benzannulated spiroacetals using chiral gold-phosphine complexes and chiral anions. <i>Tetrahedron Letters</i> , 2013 , 54, 5865-5868	2	31
491	Structure, Function, Pharmacology, and Therapeutic Potential of the G Protein, G β /q,11. <i>Frontiers in Cardiovascular Medicine</i> , 2015 , 2, 14	5.4	31
490	Synthesis of the griseusin B framework via a one-pot annulation-methylation-double deprotection-spirocyclization sequence. <i>Organic Letters</i> , 2013 , 15, 2006-9	6.2	31
489	Synthesis of MUC1 Neoglycopeptides using efficient microwave-enhanced chaotrope-assisted click chemistry. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1621-6	3.9	31
488	Natural products targeting telomere maintenance. <i>MedChemComm</i> , 2011 , 2, 229	5	31
487	Synthesis of macrocyclic shellfish toxins containing spiroimine moieties. <i>Natural Product Reports</i> , 2007 , 24, 869-85	15.1	31
486	Plant antimicrobial peptides snakin-1 and snakin-2: chemical synthesis and insights into the disulfide connectivity. <i>Chemistry - A European Journal</i> , 2014 , 20, 5102-10	4.8	30
485	Replacement of the CysA7-CysB7 disulfide bond with a 1,2,3-triazole linker causes unfolding in insulin glargine. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 4059-63	3.9	30
484	Synthesis of multivalent neoglyconjugates of MUC1 by the conjugation of carbohydrate-centered, triazole-linked glycoclusters to MUC1 peptides using click chemistry. <i>Journal of Organic Chemistry</i> , 2012 , 77, 7564-71	4.2	30
483	Pyranonaphthoquinone derivatives of eleutherin, ventiloquinone L, thysanone and nanaomycin A possessing a diverse topoisomerase II inhibition and cytotoxicity spectrum. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7131-7	3.4	30
482	The influence of microwave irradiation on lipase-catalyzed kinetic resolution of racemic secondary alcohols. <i>Tetrahedron: Asymmetry</i> , 2007 , 18, 1618-1624		30
481	Synthesis of the C10-C22 bis-spiroacetal domain of spiroptides B and D via iterative oxidative radical cyclization. <i>Organic Letters</i> , 2002 , 4, 3655-8	6.2	30
480	Radiation Damage and Racemic Protein Crystallography Reveal the Unique Structure of the GASA/Snakin Protein Superfamily. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7930-3	16.4	30
479	Very Short and Stable Lactoferricin-Derived Antimicrobial Peptides: Design Principles and Potential Uses. <i>Accounts of Chemical Research</i> , 2019 , 52, 749-759	24.3	29
478	The role for IGF-1-derived small neuropeptides as a therapeutic target for neurological disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 785-93	6.4	29
477	Convergent chemo-enzymatic synthesis of mannosylated glycopeptides; targeting of putative vaccine candidates to antigen presenting cells. <i>Chemical Science</i> , 2015 , 6, 4636-4642	9.4	29
476	Synthesis of the ABC tricyclic fragment of the pectenotoxins via stereocontrolled cyclization of a gamma-hydroxyepoxide appended to the AB spiroacetal unit. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 1387-99	3.9	29

- 475 A double alkylation-closing metathesis approach to spiroimines. *Tetrahedron*, **2004**, 60, 5613-5622 2.4 29
- 474 A phase I vaccination study with dendritic cells loaded with NY-ESO-1 and β -galactosylceramide: induction of polyfunctional T cells in high-risk melanoma patients. *Cancer Immunology, Immunotherapy*, **2018**, 67, 285-298 7.4 29
- 473 Supplementation of Blackcurrant Anthocyanins Increased Cyclic Glycine-Proline in the Cerebrospinal Fluid of Parkinson Patients: Potential Treatment to Improve Insulin-Like Growth Factor-1 Function. *Nutrients*, **2018**, 10, 6.7 28
- 472 Total synthesis of the cyclic depsipeptide YM-280193, a platelet aggregation inhibitor. *Organic Letters*, **2015**, 17, 492-5 6.2 28
- 471 Total synthesis of the initially reported and revised structures of the neuroprotective agent palmyrolide A. *Organic Letters*, **2012**, 14, 5374-7 6.2 28
- 470 NNZ-2566: a Gly-Pro-Glu analogue with neuroprotective efficacy in a rat model of acute focal stroke. *Journal of the Neurological Sciences*, **2009**, 278, 85-90 3.2 28
- 469 Toward the total chemical synthesis of the cancer protein NY-ESO-1. *Biopolymers*, **2010**, 94, 542-50 2.2 28
- 468 A facile synthesis of fused aromatic spiroacetals based on the 3,4,3',4'-tetrahydro-2,2'-spirobis(2H-1-benzopyran) skeleton. *Tetrahedron*, **2006**, 62, 5883-5896 2.4 28
- 467 Synthesis of pyrrolo[3,2-b]benzofurans and pyrrolo[3,2-b]naphthofurans via addition of a silyloxyppyrrrole to activated quinones. *Tetrahedron*, **2004**, 60, 5751-5758 2.4 28
- 466 Synthesis of proline-modified analogues of the neuroprotective agent glycyl-L-prolyl-glutamic acid (GPE). *Tetrahedron*, **2005**, 61, 10018-10035 2.4 28
- 465 Lipidation of Cysteine or Cysteine-Containing Peptides Using the Thiol-Ene Reaction (CLipPA). *European Journal of Organic Chemistry*, **2016**, 2016, 2608-2616 3.2 28
- 464 Total Synthesis and Stereochemical Revision of the Anti-Tuberculosis Peptaibol Trichoderin A. *Organic Letters*, **2016**, 18, 3878-81 6.2 28
- 463 Toward an asymmetric synthesis of the dimeric pyranonaphthoquinone antibiotic crisamicin A. *Journal of Organic Chemistry*, **2014**, 79, 7169-78 4.2 27
- 462 Identification of key residues involved in adrenomedullin binding to the AM1 receptor. *British Journal of Pharmacology*, **2013**, 169, 143-55 8.6 27
- 461 Ga proteins: molecular pharmacology and therapeutic potential. *Cellular and Molecular Life Sciences*, **2017**, 74, 1379-1390 10.3 27
- 460 Structure-activity relationships of the N-terminus of calcitonin gene-related peptide: key roles of alanine-5 and threonine-6 in receptor activation. *British Journal of Pharmacology*, **2014**, 171, 415-26 8.6 27
- 459 Access to 2-alkyl chromanones via a conjugate addition approach. *Tetrahedron*, **2012**, 68, 6948-6956 2.4 27
- 458 How do Antarctic notothenioid fishes cope with internal ice? A novel function for antifreeze glycoproteins. *Antarctic Science*, **2011**, 23, 57-64 1.7 27

457	Synthesis and activity studies of analogues of the rat selective toxicant norbormide. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 2963-74	3.4	27
456	An approach to an enantioselective synthesis of crisamicin A via a novel double Hauser-Kraus annulation strategy. <i>Tetrahedron</i> , 2008 , 64, 3912-3927	2.4	27
455	Synthesis of tricyclic analogues of methyllycaconitine using ring closing metathesis to append a B ring to an AE azabicyclic fragment. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 1659-69	3.9	27
454	Synthesis and neuroprotective activity of analogues of glycyl-L-prolyl-L-glutamic acid (GPE) modified at the alpha-carboxylic acid. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 501-17	3.4	27
453	Enduracididine, a rare amino acid component of peptide antibiotics: Natural products and synthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 2325-2342	2.5	27
452	Fluorescent probes for bioimaging of potential biomarkers in Parkinson's disease. <i>Chemical Society Reviews</i> , 2021 , 50, 1219-1250	58.5	27
451	An Insight into FDA Approved Antibody-Drug Conjugates for Cancer Therapy. <i>Molecules</i> , 2021 , 26,	4.8	27
450	Synthesis and biological evaluation of novel teixobactin analogues. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 8755-8760	3.9	26
449	Synthesis of fluorescein-labelled O-mannosylated peptides as components for synthetic vaccines: comparison of two synthetic strategies. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 112-21	3.9	26
448	The Synthesis of Phosphopeptides Using Microwave-assisted Solid Phase Peptide Synthesis. <i>International Journal of Peptide Research and Therapeutics</i> , 2008 , 14, 387-392	2.1	26
447	Investigations into the cellular actions of the shellfish toxin gymnodimine and analogues. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 20, 305-12	5.8	26
446	Peptide Lipidation - A Synthetic Strategy to Afford Peptide Based Therapeutics. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1030, 185-227	3.6	25
445	Synthesis and evaluation of disulfide bond mimetics of amylin-(1-8) as agents to treat osteoporosis. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 2661-8	3.4	25
444	Structure and dynamics of human Nedd4-1 WW3 in complex with the HENaC PY motif. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 1632-41	4	25
443	Synthesis of the peptaibol framework of the anticancer agent culicinin D: stereochemical assignment of the AHMOD moiety. <i>Organic Letters</i> , 2012 , 14, 5784-7	6.2	25
442	Growth Habit Modification of Ice Crystals Using Antifreeze Glycoprotein (AFGP) Analogues. <i>Crystal Growth and Design</i> , 2010 , 10, 5066-5077	3.5	25
441	Synthesis of the bis-spiroacetal core of the antimetabolic agent spirastrellolide B. <i>Journal of Organic Chemistry</i> , 2011 , 76, 9417-28	4.2	25
440	Biomimetic studies towards the cardinalins: synthesis of (+)-ventiloquinone L and an unusual dimerisation. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 2599-603	3.9	25

- 439 Addition of silyloxydienes to 2,6-dibromo-1,4-benzoquinone: an approach to highly oxygenated bromonaphthoquinones for the synthesis of thysanone. *Tetrahedron*, **2003**, 59, 2441-2449 2.4 25
- 438 Solid-Phase Thiol-Ene Lipidation of Peptides for the Synthesis of a Potent CGRP Receptor Antagonist. *Angewandte Chemie - International Edition*, **2018**, 57, 11640-11643 16.4 25
- 437 Protecting group free synthesis of glycosyl thiols from reducing sugars in water; application to the production of N-glycan glycoconjugates. *Organic and Biomolecular Chemistry*, **2017**, 15, 2152-2156 3.9 24
- 436 Regulation and Quality Control of Adiponectin Assembly by Endoplasmic Reticulum Chaperone ERp44. *Journal of Biological Chemistry*, **2015**, 290, 18111-18123 5.4 24
- 435 Novel preparation of chiral β -amino acids using the Mitsunobu-Tsunoda reaction. *Chemical Communications*, **2013**, 49, 7744-6 5.8 24
- 434 A new precursor for conducting polymer-based brush interfaces with electroactivity in aqueous solution. *Polymer*, **2013**, 54, 1305-1317 3.9 24
- 433 Synthesis of the antimicrobial S-linked glycopeptide, glycocin F. *Chemistry - A European Journal*, **2015**, 21, 3556-61 4.8 24
- 432 Formal synthesis of berkelic acid: a lesson in β -alkylation chemistry. *Journal of Organic Chemistry*, **2012**, 77, 400-16 4.2 24
- 431 Synthesis of the bis-spiroacetal C25-C40 moiety of the antimitotic agent spirastrellolide B using a bis-dithiane deprotection/spiroacetalisation sequence. *Chemical Communications*, **2010**, 46, 3967-9 5.8 24
- 430 Enantioselective synthesis of pyranonaphthoquinone antibiotics using a CBS reduction/cross-metathesis/oxa-Michael strategy. *Organic and Biomolecular Chemistry*, **2011**, 9, 5423-30 3.9 24
- 429 Use of bis(oxazoline)-metal complexes as chiral catalysts for asymmetric Diels-Alder reactions using 2-acetyl-1,4-naphthoquinone as a dienophile. *Tetrahedron: Asymmetry*, **1997**, 8, 4069-4078 24
- 428 Total synthesis of paecilospirone. *Angewandte Chemie - International Edition*, **2011**, 50, 8350-3 16.4 23
- 427 An enantioselective formal synthesis of berkelic acid. *Organic Letters*, **2011**, 13, 5382-5 6.2 23
- 426 Synthesis of 6,6-bisbenzannulated spiroketals related to the rubromycins using a double intramolecular hetero-Michael addition (DIHMA). *Tetrahedron Letters*, **2009**, 50, 3245-3248 2 23
- 425 Enantioselective synthesis of the dimeric pyranonaphthoquinone core of the cardinalins using a late-stage homocoupling strategy. *Organic and Biomolecular Chemistry*, **2008**, 6, 4261-70 3.9 23
- 424 Synthesis of the anti-*Helicobacter pylori* agent (+)-spiroloxine methyl ether and the unnatural (2''S)-diastereomer. *Organic and Biomolecular Chemistry*, **2007**, 5, 2572-82 3.9 23
- 423 Stereoselective synthesis of deoxy analogues of the 3C-protease inhibitor thysanone. *Tetrahedron*, **2002**, 58, 183-189 2.4 23
- 422 Synthesis of a 2-deoxyglucosyl analogue of medermycin. *Journal of the Chemical Society, Perkin Transactions 1*, **2001**, 1624-1634 23

4 ²¹	Total synthesis of the macrocyclic N-Methyl enamides palmyrolide A and 2S-sanctolide A. <i>Journal of Organic Chemistry</i> , 2014 , 79, 11179-93	4.2	22
4 ²⁰	Synthesis of monolysyl advanced glycation endproducts and their incorporation into collagen model peptides. <i>Organic Letters</i> , 2012 , 14, 5740-3	6.2	22
4 ¹⁹	A Convergent Synthesis of the 2-Formylpyrrole Spiroketal Natural Product Acortatarin A. <i>Synlett</i> , 2012 , 23, 855-858	2.2	22
4 ¹⁸	Synthesis of the FG ring fragment of pectenotoxins 19. <i>Tetrahedron</i> , 2010 , 66, 5424-5431	2.4	22
4 ¹⁷	Synthesis of a regioisomeric analogue of the 3C-protease inhibitor thysanone via a Hauser annulation strategy. <i>Tetrahedron</i> , 2007 , 63, 880-887	2.4	22
4 ¹⁶	Chemoenzymatic synthesis of deoxy analogues of the DNA topoisomerase II inhibitor eleutherin and the 3C-protease inhibitor thysanone. <i>Tetrahedron</i> , 2008 , 64, 4827-4834	2.4	22
4 ¹⁵	Suzuki-Miyaura homocoupling of naphthyl triflates using bis(pinacolato)diboron: approaches to the biaryl skeleton of crisamicin A. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 2084-95	3.9	22
4 ¹⁴	Unexpected Direct Synthesis of N-Vinyl Amides through Vinyl Azide-Enolate [3+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7420-7424	16.4	21
4 ¹³	Isolation, Structural Elucidation, and Synthesis of Lepteridine From Ma nuka (Leptospermum scoparium) Honey. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 5079-84	5.7	21
4 ¹²	2-Formylpyrrole natural products: origin, structural diversity, bioactivity and synthesis. <i>Natural Product Reports</i> , 2019 , 36, 289-306	15.1	21
4 ¹¹	Synthesis and methemoglobinemia-inducing properties of benzocaine isosteres designed as humane rodenticides. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 2220-35	3.4	21
4 ¹⁰	Total synthesis of heronapyrrole C. <i>Organic Letters</i> , 2014 , 16, 378-81	6.2	21
4 ⁰⁹	An update on new methods to synthesize cyclotetrapeptides. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 6906-21	3.9	21
4 ⁰⁸	Synthesis of a dicarba analogue of human δ -defensin-1 using a combined ring closing metathesis--native chemical ligation strategy. <i>Organic Letters</i> , 2012 , 14, 878-81	6.2	21
4 ⁰⁷	The enantioselective synthesis of tetracyclic methyllycaconitine analogues. <i>Tetrahedron</i> , 2011 , 67, 7989-7999	2.4	21
4 ⁰⁶	Anti-Helicobacter pylori activity of derivatives of the phthalide-containing antibacterial agents spiroloxine methyl ether, CJ-12,954, CJ-13,013, CJ-13,102, CJ-13,104, CJ-13,108 and CJ-13,015. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 6179-85	3.4	21
4 ⁰⁵	Synthesis and pharmacological evaluation of side chain modified glutamic acid analogues of the neuroprotective agent glycyl-L-prolyl-L-glutamic acid (GPE). <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 519-32	3.4	21
4 ⁰⁴	Formal synthesis of nanaomycin D via a Hauser-Braus annulation using a chiral enone-lactone. <i>Tetrahedron</i> , 2015 , 71, 7137-7143	2.4	20

403	Glucose as an agent of post-translational modification in diabetes--New cardiac epigenetic insights. <i>Life Sciences</i> , 2015 , 129, 48-53	6.8	20
402	Total synthesis of virgatolide B. <i>Organic Letters</i> , 2013 , 15, 4588-91	6.2	20
401	Synthesis of glycosylated 5-hydroxylysine, an important amino acid present in collagen-like proteins such as adiponectin. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 1137-44	3.9	20
400	Metabolic and behavioural adaptations during early development of the Antarctic silverfish, <i>Pleuragramma antarcticum</i> . <i>Polar Biology</i> , 2012 , 35, 891-898	2	20
399	A Single Pseudoproline and Microwave Solid Phase Peptide Synthesis Facilitates an Efficient Synthesis of Human Amylin 1B7. <i>International Journal of Peptide Research and Therapeutics</i> , 2013 , 19, 147-155	2.1	20
398	Synthesis and assignment of stereochemistry of the antibacterial cyclic peptide xenematide. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 236-42	3.9	20
397	Synthesis of an Arginine Tagged [Cys155-Arg180] Fragment of NY-ESO-1: Elimination of an Undesired By-product Using In House Resins. <i>Synthesis</i> , 2009 , 2009, 3460-3466	2.9	20
396	Synthesis of triazole analogues of the nanaomycin antibiotics using click chemistry. <i>Tetrahedron</i> , 2010 , 66, 4002-4009	2.4	20
395	Synthesis of the spiroacetal-containing anti-Helicobacter pylori agents CJ-12,954 and CJ-13,014. <i>Chemical Communications</i> , 2006 , 4506-8	5.8	20
394	Synthesis of the 1,6,8-trioxadispiro[4.1.5.2]tetradec-11-ene ring system present in the spirolide family of shellfish toxins and its conversion into a 1,6,8-trioxadispiro[4.1.5.2]-tetradec-9-en-12-ol via base-induced rearrangement of an epoxide. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 3573-83	3.9	20
393	Synthesis and pharmacological evaluation of glycine-modified analogues of the neuroprotective agent glycyl-L-prolyl-L-glutamic acid (GPE). <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 533-48	3.4	20
392	Synthetic studies toward pyranonaphthoquinone antibiotics. <i>Pure and Applied Chemistry</i> , 2000 , 72, 1635-1639	2.0	20
391	A titanium naphtholate approach for the synthesis of analogues of griseusin A. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 697-709		20
390	Synthesis of Analogues of Griseusin A. <i>Organic Letters</i> , 1999 , 1, 1459-1462	6.2	20
389	Diastereoselective addition of 2-trimethylsilyloxyfuran to (S)-(+)-2-(p-tolylsulfinyl)-1,4-benzoquinone. <i>Tetrahedron: Asymmetry</i> , 1995 , 6, 263-269		20
388	Diastereoselective diels-alder reactions of optically-active vinyl sulphoxides. <i>Tetrahedron</i> , 1985 , 41, 4965-4972	2.4	20
387	Distinct Patterns of Internalization of Different Calcitonin Gene-Related Peptide Receptors. <i>ACS Pharmacology and Translational Science</i> , 2020 , 3, 296-304	5.9	19
386	A new family of sesterterpenoids isolated around the Pacific Rim. <i>Natural Product Reports</i> , 2018 , 35, 210-219	15.1	19

- 385 Nitropyrrole natural products: isolation, biosynthesis and total synthesis. *Organic and Biomolecular Chemistry*, **2016**, 14, 5390-401 3.9 19
- 384 A Convenient Method for the Asymmetric Synthesis of Fluorinated β -Amino Acids from Alcohols. *European Journal of Organic Chemistry*, **2014**, 2014, 1195-1201 3.2 19
- 383 Synthesis of the tetracyclic core of berkelic acid using gold(I)-catalyzed hydroarylation and oxidative radical cyclizations. *Organic Letters*, **2012**, 14, 5820-3 6.2 19
- 382 Natural Product-Inspired Pyranonaphthoquinone Inhibitors of Indoleamine 2,3-Dioxygenase-1 (IDO-1). *Australian Journal of Chemistry*, **2013**, 66, 40 1.2 19
- 381 Synthesis of methyl N-Boc-(2S,4R)-4-methylpipercolate. *Journal of Organic Chemistry*, **2010**, 75, 8728-31 4.2 19
- 380 Synthetic approaches to [5,6]-benzannulated spiroketal natural products. *Pure and Applied Chemistry*, **2011**, 84, 1379-1390 2.1 19
- 379 The synthesis of dehydrotryptophan and dehydrotryptophan-containing peptides. *Organic and Biomolecular Chemistry*, **2011**, 9, 5897-907 3.9 19
- 378 Synthesis of macrocyclic analogues of the neuroprotective agent glycyl-L-prolyl-L-glutamic acid (GPE). *Organic and Biomolecular Chemistry*, **2006**, 4, 2696-709 3.9 19
- 377 Synthesis of simple analogues of methyllycaconitine: an efficient method for the preparation of the N-substituted anthranilate pharmacophore. *Tetrahedron*, **2004**, 60, 5953-5963 2.4 19
- 376 Use of bis-(aminol) ethers derived from N-(S)-(1R)-methylbenzylamine in reactions with resorcinarenes and double Mannich reactions. *Tetrahedron*, **2005**, 61, 5876-5888 2.4 19
- 375 Efficient Synthesis of the Azabicyclo[3.3.1]nonane Ring System in the Alkaloid Methyllycaconitine Using Bis(alkoxymethyl)alkylamines as Aminoalkylating Agents in a Double Mannich Reaction. *European Journal of Organic Chemistry*, **2005**, 2005, 2385-2396 3.2 19
- 374 Synthesis and ene reactions of di-(1R)-menthyl diazenedicarboxylate. *Tetrahedron: Asymmetry*, **1996**, 7, 2007-2016 19
- 373 Amylin Analog Pramlintide Induces Migraine-like Attacks in Patients. *Annals of Neurology*, **2021**, 89, 1157-1171 19
- 372 Augmenting Influenza-Specific T Cell Memory Generation with a Natural Killer T Cell-Dependent Glycolipid-Peptide Vaccine. *ACS Chemical Biology*, **2017**, 12, 2898-2905 4.9 18
- 371 Synthesis and activity of a diselenide bond mimetic of the antimicrobial protein caenopore-5. *Chemical Science*, **2016**, 7, 2005-2010 9.4 18
- 370 Protecting-Group-Free One-Pot Synthesis of Glycoconjugates Directly from Reducing Sugars. *Angewandte Chemie*, **2014**, 126, 12101-12105 3.6 18
- 369 Total synthesis of chaetoquadrins A-C. *Organic Letters*, **2013**, 15, 658-61 6.2 18
- 368 Synthesis of Neoglycopeptides via Click Chemistry. *International Journal of Peptide Research and Therapeutics*, **2010**, 16, 125-132 2.1 18

- 367 Approaches to the D-E ring of the polyether antibiotic salinomycin using sharpless asymmetric dihydroxylation. *Tetrahedron*, **1998**, 54, 2113-2128 2.4 18
- 366 A Facile Enantioselective Synthesis of the Dimeric Pyranonaphthoquinone Core of the Cardinalins. *Synlett*, **2008**, 2008, 867-870 2.2 18
- 365 Synthesis and assignment of the absolute configuration of the anti-Helicobacter pylori agents CJ-12,954 and CJ-13,014. *Organic and Biomolecular Chemistry*, **2007**, 5, 2858-66 3.9 18
- 364 A facile synthesis of arylidihydropyrans using a Sonogashira-Belenoetherification strategy. *Tetrahedron Letters*, **2002**, 43, 1735-1738 2 18
- 363 A high yielding synthesis of anthranilate esters from sterically hindered alcohols. *Tetrahedron Letters*, **2001**, 42, 1785-1788 2 18
- 362 C-Glycosylation of tri-O-benzyl-2-deoxy-D-glucose: synthesis of naphthyl-substituted 3,6-dioxabicyclo[3.2.2]nonanes. *Journal of the Chemical Society, Perkin Transactions 1*, **2001**, 1612-1623 18
- 361 Synthesis of 5-epi-arizonin B1 and 5-epi-arizonin C1. *Tetrahedron Letters*, **1993**, 34, 5813-5814 2 18
- 360 Synthesis of two key intermediates required for the construction of the bis-spiroacetal moiety of epi-17-deoxy-(08)-salinomycin. *Tetrahedron Letters*, **1986**, 27, 3311-3314 2 18
- 359 Improved Synthesis of the Unnatural Amino Acids AHMOD and AMD, Components of the Anticancer Peptaibol Culicinin D. *Journal of Organic Chemistry*, **2015**, 80, 8631-6 4.2 17
- 358 Total Synthesis of the Highly N-Methylated Acetylene-Containing Anticancer Peptide Jahanyne. *Organic Letters*, **2018**, 20, 788-791 6.2 17
- 357 Using Chemical Synthesis to Probe Structure-Activity Relationships of the Glycoactive Bacteriocin Glycocin F. *ACS Chemical Biology*, **2018**, 13, 1270-1278 4.9 17
- 356 Maternally Administered Cyclic Glycine-Proline Increases Insulin-Like Growth Factor-1 Bioavailability and Novelty Recognition in Developing Offspring. *Endocrinology*, **2016**, 157, 3130-9 4.8 17
- 355 Synthesis of the 2-formylpyrrole spiroketal pollenopyrroside A and structural elucidation of xylapyrroside A, shensongine A and capparisine B. *Organic and Biomolecular Chemistry*, **2016**, 14, 7659-64 3.9 17
- 354 A comparison of Boc and Fmoc SPPS strategies for the preparation of C-terminal peptide β -thioesters: NY-ESO-1 [Tys-Ala-COSR. *Biopolymers*, **2013**, 100, 356-65 2.2 17
- 353 Synthesis of the spirocyclic framework of sesterterpenoid natural products. *Journal of Organic Chemistry*, **2015**, 80, 2715-23 4.2 17
- 352 Addition of 2-tert-butyltrimethylsilyloxythiophene to activated quinones: an approach to thia analogues of kalafungin. *Tetrahedron*, **2006**, 62, 3021-3027 2.4 17
- 351 Synthesis of regioisomeric analogues of crisamicin A. *Organic and Biomolecular Chemistry*, **2003**, 1, 4227-34 17
- 350 Synthesis of ABE tricyclic analogues of methyllycaconitine using a Wacker oxidation/diol strategy to append the B ring to the AE fragment. *Journal of the Chemical Society, Perkin Transactions 1*, **2002**, 924-931 17

349	Synthesis and Evaluation of Novel TLR2 Agonists as Potential Adjuvants for Cancer Vaccines. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 2282-2291	8.3	17
348	Virtual screening for novel Atg5/Atg16 complex inhibitors for autophagy modulation. <i>MedChemComm</i> , 2015 , 6, 239-246	5	16
347	Synthesis and bioactivity of antitubercular peptides and peptidomimetics: an update. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 1177-87	3.9	16
346	A Maillard Approach to 2-Formylpyrroles: Synthesis of Magnolamide, Lobechine and Funebral. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1431-1437	3.2	16
345	Synthesis of the spiroacetal core of the cephalosporolide family of natural products. <i>Tetrahedron</i> , 2014 , 70, 590-596	2.4	16
344	An efficient synthesis of 3-alkyl-1,5,3-dioxazepanes and their use as electrophiles in double-Mannich reactions. <i>Tetrahedron</i> , 2012 , 68, 1017-1028	2.4	16
343	Synthesis and cytotoxicity of pyranonaphthoquinone natural product analogues under bioreductive conditions. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 7971-80	3.4	16
342	A slow gradient approach for the purification of synthetic polypeptides by reversed phase high performance liquid chromatography. <i>Journal of Peptide Science</i> , 2012 , 18, 549-55	2.1	16
341	Direct Peptide Lipidation through Thiol/Thione Coupling Enables Rapid Synthesis and Evaluation of Self-Adjuvanting Vaccine Candidates. <i>Angewandte Chemie</i> , 2013 , 125, 10810-10813	3.6	16
340	Asymmetric Diels/Alder addition of cyclopentadiene to chiral naphthoquinones. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 1239-1255		16
339	Enantioselective Synthesis of an Analogue of Nanaomycin A. <i>Synthesis</i> , 2007 , 2007, 2887-2893	2.9	16
338	C-Glycosylation of Oxygenated Naphthols with 3-Dimethylamino-2,3,6-trideoxy-L-arabino-hexopyranose and 3-Azido-2,3,6-trideoxy-D-arabino-hexopyranose. <i>Australian Journal of Chemistry</i> , 2003 , 56, 787	1.2	16
337	Synthesis of an Oxaspirolactone Intermediate for the Synthesis of Spirolides. <i>Australian Journal of Chemistry</i> , 2000 , 53, 845	1.2	16
336	Synthesis of bis-2,5-linked tetrahydrofurans via iodoetherification. <i>Tetrahedron</i> , 1995 , 51, 9995-10012	2.4	16
335	Synthesis of a functionalised bis-spiroacetal. <i>Tetrahedron Letters</i> , 1990 , 31, 3043-3046	2	16
334	Molecular Mechanisms of Class B GPCR Activation: Insights from Adrenomedullin Receptors. <i>ACS Pharmacology and Translational Science</i> , 2020 , 3, 246-262	5.9	15
333	A Versatile Boc Solid Phase Synthesis of Daptomycin and Analogues Using Site Specific, On-Resin Ozonolysis to Install the Kynurenine Residue. <i>Chemistry - A European Journal</i> , 2019 , 25, 14101-14107	4.8	15
332	Benzannulated spiroketal natural products: isolation, biological activity, biosynthesis, and total synthesis. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 8272-8307	3.9	15

- 331 Synthesis of highly substituted pyranonaphthalene spiroketals related to the griseusins using a Hauser-Kraus annulation strategy. *Tetrahedron*, **2014**, 70, 1199-1206 2.4 15
- 330 Synthesis of the 2-methylene analogue of the HRV 3C protease inhibitor thysanone (2-carbathysanone). *Organic and Biomolecular Chemistry*, **2014**, 12, 905-12 3.9 15
- 329 Chemical synthesis of a masked analogue of the fish antifreeze potentiating protein (AFPP). *Organic and Biomolecular Chemistry*, **2013**, 11, 4935-42 3.9 15
- 328 Synthesis of leptosin, a glycoside isolated from m̄uka honey. *Tetrahedron Letters*, **2013**, 54, 6916-6919 2 15
- 327 General Synthesis of the Nitropyrrolin Family of Natural Products via Regioselective CO-Mediated Alkyne Hydration. *Organic Letters*, **2017**, 19, 5418-5421 6.2 15
- 326 A tandem Diels-Alder/Mannich approach to the synthesis of AE and ABE ring analogues of Delphinium alkaloids. *Tetrahedron*, **2012**, 68, 5759-5778 2.4 15
- 325 A Flexible Approach to 6,5-Benzannulated Spiroketals. *European Journal of Organic Chemistry*, **2011**, 2011, 3938-3945 3.2 15
- 324 Synthesis of AE and BE Ring Analogues of the Alkaloid Methyllycaconitine. *European Journal of Organic Chemistry*, **2009**, 2009, 1944-1960 3.2 15
- 323 Asymmetric Michael addition of 2-trimethylsilyloxyfuran to chiral naphthoquinones. *Tetrahedron: Asymmetry*, **1998**, 9, 1257-1267 15
- 322 Synthesis of the phthalide-containing anti-*Helicobacter pylori* agents CJ-13,015, CJ-13,102, CJ-13,103, CJ-13,104 and CJ-13,108. *Tetrahedron*, **2005**, 61, 10036-10047 2.4 15
- 321 Chemical Synthesis of Peptides Containing Site-Specific Advanced Glycation Endproducts. *Accounts of Chemical Research*, **2016**, 49, 2199-2208 24.3 15
- 320 Stability of polyelectrolyte-coated iron nanoparticles for T2-weighted magnetic resonance imaging. *Journal of Magnetism and Magnetic Materials*, **2017**, 439, 251-258 2.8 14
- 319 Diabetes-induced alterations in tissue collagen and carboxymethyllysine in rat kidneys: Association with increased collagen-degrading proteinases and amelioration by Cu(II)-selective chelation. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2015**, 1852, 1610-8 6.9 14
- 318 Multiple Bactericidal Mechanisms of the Zinc Ionophore PBT2. *MSphere*, **2020**, 5, 5 14
- 317 Total Synthesis and Conformational Study of Callyaerin A: Anti-Tubercular Cyclic Peptide Bearing a Rare Rigidifying (Z)-2,3-Diaminoacrylamide Moiety. *Angewandte Chemie - International Edition*, **2018**, 57, 3631-3635 16.4 14
- 316 Photoaffinity Cross-Linking and Unnatural Amino Acid Mutagenesis Reveal Insights into Calcitonin Gene-Related Peptide Binding to the Calcitonin Receptor-like Receptor/Receptor Activity-Modifying Protein 1 (CLR/RAMP1) Complex. *Biochemistry*, **2018**, 57, 4915-4922 3.2 14
- 315 Total synthesis of 7',8'-dihydroaigialospirol. *Organic Letters*, **2012**, 14, 5154-7 6.2 14
- 314 Synthesis of a dimeric pyranonaphthoquinone via a novel double furofuran annulation strategy. *Tetrahedron Letters*, **1998**, 39, 5647-5650 2 14

313	A comparative study of different glycosylation methods for the synthesis of D-mannopyranosides of Nalpha-fluorenylmethoxycarbonyl-trans-4-hydroxy-L-proline allyl ester. <i>Carbohydrate Research</i> , 2007 , 342, 2628-34	2.9	14
312	Use of Stabilized Phthalide Anion Annulation Reactions in Synthesis: An Update. <i>Synthesis</i> , 2007 , 2007, 643-662	2.9	14
311	A Facile Synthesis of Aryl Spirodioxines Based on a 3H,3?H-2,2?-Spiro[bi(benzo[b][1,4]dioxine) Skeleton. <i>Synthesis</i> , 2007 , 2007, 1392-1402	2.9	14
310	Application of olefin metathesis to the synthesis of ABE ring analogues of methyllycaonitine. <i>Tetrahedron Letters</i> , 2002 , 43, 6019-6022	2	14
309	Synthesis of the spiroacetal fragment of broussonetine H. <i>Tetrahedron</i> , 2003 , 59, 5861-5868	2.4	14
308	Synthesis of 3-azido-2,3,6-trideoxy-beta-D-arabino-hexopyranosyl pyranonaphthoquinone analogues of medermycin. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 1690-700	3.9	14
307	Reductive thioalkylation of a pyranonaphthoquinone. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 317-322		14
306	Woodward-Prevost Reactions of 1,7-Dioxaspiro[5.5]undec-4-enes. <i>Journal of Organic Chemistry</i> , 1996 , 61, 4801-4805	4.2	14
305	A facile synthesis of spiroketals. <i>Tetrahedron Letters</i> , 1988 , 29, 3609-3612	2	14
304	Structure activity relationship study on the peptide hormone preptin, a novel bone-anabolic agent for the treatment of osteoporosis. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 9225-9238	3.9	14
303	Replacement of the Acrid tert-Butylthiol and an Improved Isolation Protocol for Cysteine Lipidation on a Peptide or Amino Acid (CLipPA). <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 944-947	3.2	13
302	Direct synthesis of cyclic lipopeptides using intramolecular native chemical ligation and thiol-ene CLipPA chemistry. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 2838-2844	3.9	13
301	Identification of anticancer agents based on the thieno[2,3-b]pyridine and 1H-pyrazole molecular scaffolds. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 3521-6	3.4	13
300	A peptide hydrogel derived from a fragment of human cardiac troponin C. <i>Chemical Communications</i> , 2016 , 52, 4056-9	5.8	13
299	Solid-Phase Thiol-ene Lipidation of Peptides for the Synthesis of a Potent CGRP Receptor Antagonist. <i>Angewandte Chemie</i> , 2018 , 130, 11814-11817	3.6	13
298	Site-specific cross-linking of collagen peptides by lysyl advanced glycation endproducts. <i>Chemical Communications</i> , 2014 , 50, 4944-6	5.8	13
297	Chemical synthesis of a pore-forming antimicrobial protein, caenopore-5, by using native chemical ligation at a glu-cys site. <i>ChemBioChem</i> , 2015 , 16, 328-36	3.8	13
296	Preparation of cis- β -hydroxycarvone derivatives for synthesis of sesterterpenoid natural products: total synthesis of phorbol A. <i>Journal of Organic Chemistry</i> , 2015 , 80, 2231-9	4.2	13

- 295 Design and synthesis of prodrugs of the rat selective toxicant norbormide. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 3997-4011 3.4 13
- 294 Synthesis and biological evaluation of tyrosine modified analogues of the β 4 α integrin inhibitor biotin-RERY. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 5139-49 3.4 13
- 293 Influence of β -methyl substitution of proline-based organocatalysts on the asymmetric β -oxidation of aldehydes. *Tetrahedron*, **2009**, 65, 4801-4807 2.4 13
- 292 Synthesis and recycling of antifreeze glycoproteins in polar fishes. *Antarctic Science*, **2012**, 24, 259-268 1.7 13
- 291 Total synthesis and absolute configuration of (-)-berkeleyamide A. *Organic Letters*, **2010**, 12, 420-3 6.2 13
- 290 Synthesis of a C8 oxygenated pyranonaphthoquinone: a useful precursor to dimeric pyranonaphthoquinones. *Tetrahedron*, **2008**, 64, 3343-3350 2.4 13
- 289 Synthesis of the novel 1,7,9-trioxadispiro[4.1.5.2]-tetradecane ring system present in the spiroptides. *Tetrahedron*, **2001**, 57, 4023-4034 2.4 13
- 288 Enzymatic and non-enzymatic crosslinks found in collagen and elastin and their chemical synthesis. *Organic Chemistry Frontiers*, **2020**, 7, 2789-2814 5.2 13
- 287 Short Anabolic Peptides for Bone Growth. *Medicinal Research Reviews*, **2016**, 36, 579-640 14.4 13
- 286 Improved Strategy for the Synthesis of the Anticancer Agent Culicinin D. *European Journal of Organic Chemistry*, **2015**, 2015, 6341-6350 3.2 12
- 285 Synthesis of an NDPK phosphocarrier domain peptide containing a novel triazolylalanine analogue of phosphohistidine using click chemistry. *Organic Letters*, **2011**, 13, 5604-7 6.2 12
- 284 Gold(I)-catalysed intramolecular hydroamination of β -quaternary alkynes: synthetic studies towards spiroimine marine toxins. *Tetrahedron Letters*, **2011**, 52, 4896-4898 2 12
- 283 The translocator protein (peripheral benzodiazepine receptor) mediates rat-selective activation of the mitochondrial permeability transition by norbormide. *Biochimica Et Biophysica Acta - Bioenergetics*, **2011**, 1807, 1600-5 4.6 12
- 282 Synthesis of a functionalized 7,6-bicyclic spiroimine ring fragment of the spiroptides. *Organic Letters*, **2010**, 12, 5226-9 6.2 12
- 281 Asymmetric azo-ene reactions using the chiral azo-enophile di-(β -(1R,2S)-2-phenyl-1-cyclohexyl diazenedicarboxylate. *Tetrahedron: Asymmetry*, **1998**, 9, 873-884 12
- 280 Synthesis of an actinorhodin monomer. *Tetrahedron Letters*, **1995**, 36, 9209-9210 2 12
- 279 1,4-Addition of 2-trimethylsilyloxyfuran to quinones: A facile route to the furo[3,2-b]benzofuran nucleus. *Tetrahedron Letters*, **1987**, 28, 4891-4892 2 12
- 278 Synthesis of peramine, an insect feeding deterrent mycotoxin from *Acremonium lolii*. *Journal of the Chemical Society Chemical Communications*, **1988**, 978 12

277	Synthesis of the Spiroketal Core of the Pinnatifinoside Family of Natural Products. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 314-319	3.2	12
276	Total Synthesis of the Resorcylic Acid Lactone Spiroketal Citreoviranol. <i>Journal of Organic Chemistry</i> , 2016 , 81, 8343-50	4.2	12
275	Photo-induced radical thiol-ene chemistry: a versatile toolbox for peptide-based drug design. <i>Chemical Society Reviews</i> , 2021 , 50, 898-944	58.5	12
274	Using chemical synthesis to optimise antimicrobial peptides in the fight against antimicrobial resistance. <i>Pure and Applied Chemistry</i> , 2019 , 91, 181-198	2.1	11
273	"CLipP"ing on lipids to generate antibacterial lipopeptides. <i>Chemical Science</i> , 2020 , 11, 5759-5765	9.4	11
272	Synthesis and amylin receptor activity of glycomimetics of pramlintide using click chemistry. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 5238-45	3.9	11
271	Synthesis of the Revised Structure of Acortatarin A. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 6227-6241	3.2	11
270	Prodrugs of N-dicarboximide derivatives of the rat selective toxicant norbormide. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 5886-99	3.4	11
269	Synthesis and methemoglobinemia-inducing properties of analogues of para-aminopropiophenone designed as humane rodenticides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 6629-35	2.9	11
268	Glicentin-related pancreatic polypeptide inhibits glucose-stimulated insulin secretion from the isolated pancreas of adult male rats. <i>Physiological Reports</i> , 2015 , 3, e12638	2.6	11
267	One-pot synthesis of water soluble iron nanoparticles using rationally-designed peptides and ligand release. <i>Chemical Communications</i> , 2013 , 49, 4540-2	5.8	11
266	Synthesis of enantiopure bicyclic alpha,alpha-disubstituted spiro lactams via asymmetric Birch reductive alkylation. <i>Organic Letters</i> , 2009 , 11, 963-6	6.2	11
265	Synthesis of spiroacetal-triazoles as privileged natural product-like scaffolds using "click chemistry". <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 3518-26	3.9	11
264	The synthesis of 5?-deoxyjuglomycin A and 5?-methoxyjuglomycin A.. <i>Tetrahedron Letters</i> , 1991 , 32, 6417-6420	11	11
263	An Efficient Chemical Synthesis of Lassomycin Enabled by an On-Resin Lactamisation/Off-Resin Methanolysis Strategy and Preparation of Chemical Variants. <i>Australian Journal of Chemistry</i> , 2017 , 70, 172	1.2	10
262	Total Synthesis and Stereochemical Revision of the 2-Formylpyrrole Alkaloid Hemerocallisamine I. <i>Journal of Natural Products</i> , 2017 , 80, 1926-1929	4.9	10
261	Site-specific glycation of A β -42 affects fibril formation and is neurotoxic. <i>Journal of Biological Chemistry</i> , 2019 , 294, 8806-8818	5.4	10
260	TLR2 agonists and their structure-activity relationships. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 5073-5094	3.9	10

259	Controlling gelation with sequence: Towards programmable peptide hydrogels. <i>Acta Biomaterialia</i> , 2016 , 43, 30-37	10.8	10
258	Divergent Reactivity via Cobalt Catalysis: An Epoxide Olefination. <i>Organic Letters</i> , 2016 , 18, 468-71	6.2	10
257	Chemical Synthesis of Bioactive Naturally Derived Cyclic Peptides Containing Ene-Like Rigidifying Motifs. <i>Chemistry - A European Journal</i> , 2018 , 24, 17869-17880	4.8	10
256	Total synthesis of virgatolide B via exploitation of intramolecular hydrogen bonding. <i>Journal of Organic Chemistry</i> , 2014 , 79, 5269-81	4.2	10
255	Synthesis and evaluation of 9-deoxy analogues of (-)-thysanone, an inhibitor of HRV 3C protease. <i>European Journal of Medicinal Chemistry</i> , 2014 , 87, 220-7	6.8	10
254	A highly conserved tryptophan in the N-terminal variable domain regulates disulfide bond formation and oligomeric assembly of adiponectin. <i>FEBS Journal</i> , 2012 , 279, 2495-507	5.7	10
253	Enantioselective access to benzannulated spiroketals using a chiral sulfoxide auxiliary. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 5147-55	3.9	10
252	Cyclization of Linear Tetrapeptides Containing N-Methylated Amino Acids by using 1-Propanephosphonic Acid Anhydride. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 149-158	3.2	10
251	Solid-Phase Synthesis of the Peptaibol Alamethicin U-22324 by Using a Double-Linker Strategy. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 350-354	3.2	10
250	Understanding the metal mediated assembly and hydrogel formation of a hairpin peptide. <i>Biomaterials Science</i> , 2017 , 5, 1993-1997	7.4	10
249	Cell-targeted platinum nanoparticles and nanoparticle clusters. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 6567-72	3.9	10
248	Physicochemical studies on the copper(II) binding by glycated collagen telopeptides. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 3058-63	3.9	10
247	Structure and activity of <i>Streptococcus pyogenes</i> SipA: a signal peptidase-like protein essential for pilus polymerisation. <i>PLoS ONE</i> , 2014 , 9, e99135	3.7	10
246	Synthesis and anti- <i>Helicobacter pylori</i> activity of analogues of spiroloxine methyl ether. <i>MedChemComm</i> , 2012 , 3, 938	5	10
245	How to blast osteoblasts? Novel dicarba analogues of amylin-(1-8) to treat osteoporosis. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 6011-8	3.4	10
244	Synthesis of the IGF-II-like hormone vesiculin using regioselective formation of disulfide bonds. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 3145-50	3.9	10
243	Synthesis of spiroacetal-nucleosides as privileged natural product-like scaffolds. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 1424-36	3.9	10
242	A double Mannich approach to the synthesis of substituted piperidones—application to the synthesis of substituted E-ring analogues of methyllycaconitine. <i>Tetrahedron</i> , 2010 , 66, 7179-7191	2.4	10

241	Addition of cyclopentadiene and 2-trimethylsilyloxyfuran to quinones bearing a menthyl ester chiral auxiliary. <i>Tetrahedron</i> , 1998 , 54, 5363-5374	2.4	10
240	Synthesis of indole analogues of the anti-Helicobacter pylori compounds CJ-13,015, CJ-13,102, CJ-13,104 and CJ-13,108. <i>Tetrahedron</i> , 2007 , 63, 5379-5385	2.4	10
239	Uncatalyzed addition of N-(tert-butoxycarbonyl)-2-tert-butyltrimethylsilyloxyproline to activated quinones. <i>Tetrahedron Letters</i> , 2002 , 43, 4777-4780	2	10
238	Synthesis of the bis-spiroacetal moiety of the polyether antibiotic CP44,161. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001 , 379-389		10
237	Synthesis of bicyclic pyrazinones via addition of heterocyclic amines to a nitro-alkene. <i>Tetrahedron</i> , 1994 , 50, 4887-4896	2.4	10
236	Determination of the stereochemistry of 2,2-dimethyl-1,6,8-trioxadispiro(4.1.5.3)pentadec-13-ene formed by two sequential cyclization reactions using high field ¹ H N.M.R. spectroscopy. <i>Tetrahedron Letters</i> , 1985 , 26, 2115-2118	2	10
235	Supramolecular Threading of Peptide Hydrogel Fibrils. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 2733-2738	5.5	10
234	Results of a randomized, double-blind phase II clinical trial of NY-ESO-1 vaccine with ISCOMATRIX adjuvant versus ISCOMATRIX alone in participants with high-risk resected melanoma 2020 , 8,		9
233	Total Synthesis of (-)-Peniphenone A. <i>Journal of Organic Chemistry</i> , 2018 , 83, 7049-7059	4.2	9
232	Receptor Activity Modifying Proteins Have Limited Effects on the Class B G Protein-Coupled Receptor Calcitonin Receptor-Like Receptor Stalk. <i>Biochemistry</i> , 2018 , 57, 1410-1422	3.2	9
231	Three Decades of Amyloid Beta Synthesis: Challenges and Advances. <i>Frontiers in Chemistry</i> , 2019 , 7, 472 5		9
230	A synthetic approach to 'click' neoglycoprotein analogues of EPO employing one-pot native chemical ligation and CuAAC chemistry. <i>Chemical Science</i> , 2019 , 10, 815-828	9.4	9
229	An important side reaction using the thiol, 3,6-dioxa-1,8-octanedithiol (DODT), in 9-fluorenylmethoxycarbonyl-based solid phase peptide synthesis. <i>Journal of Peptide Science</i> , 2014 , 20, 186-90	2.1	9
228	Synthesis and biological evaluation of the osteoblast proliferating cyclic peptides dianthins G and H. <i>Tetrahedron</i> , 2014 , 70, 7788-7794	2.4	9
227	Tyrosine modified analogues of the β 4 α integrin inhibitor biotin-RERY prepared via Click Chemistry: synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 2638-44	3.4	9
226	Telomerase Inhibition Studies of Novel Spiroketal-Containing Rubromycin Derivatives. <i>Australian Journal of Chemistry</i> , 2013 , 66, 530	1.2	9
225	Improved Synthesis of the Benzyne Precursor 2-(Trimethylsilyl)phenyl Trifluoromethanesulfonate. <i>Synthesis</i> , 2010 , 2010, 911-913	2.9	9
224	Synthesis and reactivity of beta-methoxymethyl encarbamates. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8893-6	4.2	9

223	Synthesis of N-(3-Phenylpropyl)-Substituted Tricyclic ABE Ring Analogues of the Alkaloid Methyllycaconitine. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3205-3215	3.2	9
222	A Facile Synthesis of 1,1?-Spirobi(3H,3?H)isobenzofurans. <i>Synthesis</i> , 2007 , 2007, 754-760	2.9	9
221	Allylic functionalization of the 1,7-dioxaspiro[5.5]-undec-4-ene and d1,6,8-trioxadispiro[4.1.5.3]-pentadec-13-ene ring systems.. <i>Tetrahedron</i> , 1992 , 48, 6455-6466	2.4	9
220	Bioinspired Total Synthesis and Stereochemical Revision of the Fungal Metabolite Pestalospirane B. <i>Organic Letters</i> , 2017 , 19, 3414-3417	6.2	8
219	Thiol-ene Enabled Chemical Synthesis of Truncated -Lipidated Teixobactin Analogs. <i>Frontiers in Chemistry</i> , 2020 , 8, 568	5	8
218	A double-click approach to the protecting group free synthesis of glycoconjugates. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 1258-1262	3.9	8
217	Synthesis of Natural Cyclopentapeptides Isolated from <i>Dianthus chinensis</i> . <i>Journal of Natural Products</i> , 2016 , 79, 1769-74	4.9	8
216	Genome mining, isolation, chemical synthesis and biological evaluation of a novel lanthipeptide, tikitericin, from the extremophilic microorganism strain T81. <i>Chemical Science</i> , 2018 , 9, 7311-7317	9.4	8
215	Nonsymmetrical Azocarbonamide Carboxylates as Effective Mitsunobu Reagents. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 7806-7809	3.2	8
214	Synthesis and Biological Evaluation of 7-Deoxy Analogues of the Human Rhinovirus 3C Protease Inhibitor Thysanone. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 122-128	3.2	8
213	Regioselective iridium(I)-catalysed remote borylation of oxygenated naphthalenes. <i>Tetrahedron Letters</i> , 2012 , 53, 3771-3773	2	8
212	Novel Phosphopeptides as Surface-Active Agents in Iron Nanoparticle Synthesis. <i>Australian Journal of Chemistry</i> , 2012 , 65, 680	1.2	8
211	N-alkylsulfonylimines as dipolarophiles in cycloaddition reactions. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 42-8	4.5	8
210	Synthetic studies toward the spiroimine unit of the spiroolides. <i>Pure and Applied Chemistry</i> , 2011 , 83, 425-433	4.3	8
209	Synthesis of the All-l Cyclopentapeptides Versicoloritides A, B, and C. <i>Synlett</i> , 2012 , 23, 2284-2288	2.2	8
208	The Bioreductive Alkylation of DNA by Kalafungin: A Theoretical Investigation. <i>Australian Journal of Chemistry</i> , 2012 , 65, 402	1.2	8
207	Synthetic studies toward shellfish toxins containing spiroacetal units. <i>Pure and Applied Chemistry</i> , 2007 , 79, 153-162	2.1	8
206	Synthesis of thiacycrown and azacycrown ethers based on a spiroacetal framework. <i>Tetrahedron</i> , 2007 , 63, 5220-5226	2.4	8

205	1H and 13C NMR data for C-6 substituted 3-azabicyclo[3.3.1]nonane-1-carboxylates. <i>Magnetic Resonance in Chemistry</i> , 2006 , 44, 980-3	2.1	8
204	Synthesis of naphthyl C-glycosides of rearranged tri-O-benzyl-2-deoxy-d-glucose. <i>Tetrahedron Letters</i> , 2000 , 41, 1107-1110	2	8
203	Allylic oxidation of unsaturated spiroketals.. <i>Tetrahedron Letters</i> , 1990 , 31, 7509-7512	2	8
202	2-Nitropyrrole cross-coupling enables a second generation synthesis of the heronapyrrole antibiotic natural product family. <i>Chemical Communications</i> , 2016 , 52, 12638-12641	5.8	8
201	Synthesis and biological evaluation of analogues of the potent ADAM8 inhibitor cyclo(RLsKDK) for the treatment of inflammatory diseases and cancer metastasis. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 4032-4037	3.4	8
200	'Tethering' fragment-based drug discovery to identify inhibitors of the essential respiratory membrane protein type II NADH dehydrogenase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 2239-2243	2.9	8
199	Structure-activity relationship study of the tumour-targeting peptide A20FMDV2 via modification of Lys16, Leu13, and N- and/or C-terminal functionality. <i>European Journal of Medicinal Chemistry</i> , 2017 , 136, 154-164	6.8	7
198	Remarkable Influence of Cobalt Catalysis on Epoxide Ring-Opening with Sulfoxonium Ylides. <i>Synthesis</i> , 2017 , 49, 3952-3956	2.9	7
197	Stereochemical Characterization of Polyketide Stereotriads Synthesized via Hydrogen-Mediated Asymmetric syn-Crotylation. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11225-11229	4.2	7
196	Efficient synthesis and characterisation of the amyloid beta peptide, A β using a double linker system. <i>Organic and Biomolecular Chemistry</i> , 2018 , 17, 30-34	3.9	7
195	Guanidinylated Amphiphilic Polycarbonates with Enhanced Antimicrobial Activity by Extending the Length of the Spacer Arm and Micelle Self-Assembly. <i>Macromolecular Bioscience</i> , 2020 , 20, e2000065	5.5	7
194	Synthesis and biological evaluation of -lipidated lipopeptides of a connexin 43 channel inhibitory peptide. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 1041-1047	3.5	7
193	Synthesis of Psychrophilin E. <i>Journal of Organic Chemistry</i> , 2016 , 81, 7635-43	4.2	7
192	Synthesis and in vitro bone cell activity of analogues of the cyclohexapeptide dianthin G. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 6231-43	3.9	7
191	The Chemical Synthesis of the Collagenous Domain of the Hormone Adiponectin. <i>International Journal of Peptide Research and Therapeutics</i> , 2012 , 18, 63-70	2.1	7
190	The synthesis and lectin-binding properties of novel mannose-functionalised polymers. <i>RSC Advances</i> , 2013 , 3, 15435	3.7	7
189	Synthesis of 5,6- and 6,6-Spirocyclic Compounds. <i>Topics in Heterocyclic Chemistry</i> , 2014 , 189-267	0.2	7
188	Synthesis of (H) Wine Lactone and Its Analogues by a Diels-Alder Approach. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 4405-4411	3.2	7

187	Synthesis of an Isotopically-labelled Antarctic Fish Antifreeze Glycoprotein Probe. <i>Australian Journal of Chemistry</i> , 2011 , 64, 723	1.2	7
186	Assessing the molecular basis for rat-selective induction of the mitochondrial permeability transition by norbormide. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2007 , 1767, 980-8	4.6	7
185	Synthesis of a C-glycosylpyranonaphthoquinone related to medermycin. <i>Tetrahedron Letters</i> , 2000 , 41, 2991-2994	2	7
184	Synthetic studies towards natural products containing bis-spiroacetals. <i>Journal of Heterocyclic Chemistry</i> , 1999 , 36, 1373-1389	1.9	7
183	Synthesis of a pyranonaphthoquinone-spiroacetal. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992 , 579		7
182	Synthesis of the Griseusin A ring system. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990 , 169		7
181	Discovery, Synthesis, and Optimization of Peptide-Based Antibiotics. <i>Accounts of Chemical Research</i> , 2021 , 54, 1878-1890	24.3	7
180	Synthesis of Antimicrobial Lipopeptides Using the "CLipPA" Thiol-Ene Reaction. <i>Methods in Molecular Biology</i> , 2020 , 2103, 263-274	1.4	7
179	Unexpected Direct Synthesis of N-Vinyl Amides through Vinyl AzideEnolate [3+2] Cycloaddition. <i>Angewandte Chemie</i> , 2017 , 129, 7528-7532	3.6	6
178	Synthesis of AHMOD-containing aminolipopeptides, unique bioactive peptaibiotics. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 3542-3549	3.9	6
177	Synthesis and antiproliferative activity of culicinin D analogues containing simplified AHMOD-based residues. <i>European Journal of Medicinal Chemistry</i> , 2019 , 177, 235-246	6.8	6
176	Synthesis of endolides A and B: naturally occurring -methylated cyclic tetrapeptides. <i>MedChemComm</i> , 2019 , 10, 693-698	5	6
175	Synthesis of paenipeptin C' analogues employing solution-phase CLipPA chemistry. <i>Organic and Biomolecular Chemistry</i> , 2020 ,	3.9	6
174	Asymmetric Total Synthesis of the Naturally Occurring Antibiotic Anthracimycin. <i>Organic Letters</i> , 2020 , 22, 5550-5554	6.2	6
173	Variable-Length Ester-Based Staples for α -Helical Peptides by Using A Double Thiol-ene Reaction. <i>Chemistry - A European Journal</i> , 2020 , 26, 10826-10833	4.8	6
172	Synthetic approaches towards bedaquiline and its derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127172	2.9	6
171	Intermolecular Peptide Cross-Linking by Using Diaminodicarboxylic Acids. <i>Chemistry - A European Journal</i> , 2016 , 22, 3622-31	4.8	6
170	Fluorescent IGF-II analogues for FRET-based investigations into the binding of IGF-II to the IGF-1R. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 2698-705	3.9	6

169	Pharmacological Characterization and Investigation of N-Terminal Loop Amino Acids of Adrenomedullin 2 That Are Important for Receptor Activation. <i>Biochemistry</i> , 2019 , 58, 3468-3474	3.2	6
168	Synthesis of stable isotope-labelled monolysyl advanced glycation endproducts. <i>Amino Acids</i> , 2013 , 45, 319-25	3.5	6
167	Synthesis of an azido precursor to (2S,5R)-5-hydroxylysine using an asymmetric organocatalytic chlorination/reduction sequence. <i>Journal of Organic Chemistry</i> , 2013 , 78, 12809-13	4.2	6
166	Synthesis and Self-Assembly of a Peptide - Amphiphile as a Drug Delivery Vehicle. <i>Australian Journal of Chemistry</i> , 2013 , 66, 23	1.2	6
165	On resin synthesis and cross-linking of collagen peptides containing the advanced glycation end-product pyrrolidine via Maillard condensation. <i>Chemical Communications</i> , 2015 , 51, 9475-8	5.8	6
164	Studies towards development of asymmetric double-Mannich reactions of chiral 2-oxocyclohexanecarboxylate derivatives with bis(aminol)ethers. <i>Tetrahedron</i> , 2015 , 71, 2210-2221	2.4	6
163	Chemical synthesis of a polypeptide backbone derived from the primary sequence of the cancer protein NY-ESO-1 enabled by kinetically controlled ligation and pseudoprolines. <i>Biopolymers</i> , 2015 , 104, 116-27	2.2	6
162	Iridium-Catalysed C _H Borylation Facilitates a Total Synthesis of the HRV 3C Protease Inhibitor (E)-Thysanone. <i>Synlett</i> , 2014 , 25, 556-558	2.2	6
161	Efficient Synthesis of the Spiroacetal Core of Paecilospirone via Oxidative Radical Cyclisation. <i>Synlett</i> , 2011 , 2011, 1395-1398	2.2	6
160	Synthesis of Benzannulated Spiroketal Using an Oxidative Radical Cyclization. <i>Synthesis</i> , 2011 , 2011, 1383-1398	2.9	6
159	A Method for the Generation of Pam2Cys-Based Lipopeptide Mimics via CuAAC Click Chemistry. <i>Synlett</i> , 2012 , 23, 1617-1620	2.2	6
158	Kinetic resolution in the asymmetric dihydroxylation of 1,7-dioxaspiro[5.5]undec-4-enes. <i>Tetrahedron: Asymmetry</i> , 1997 , 8, 1661-1676		6
157	Synthesis of a novel cage compound via oxidative rearrangement of a dihydronaphthofuran. <i>Tetrahedron</i> , 1998 , 54, 14053-14058	2.4	6
156	A Review of Advances in the Synthesis of Analogues of the Delphinium \square Alkaloid Methyllycaconitine. <i>Synlett</i> , 2005 , 2005, 1809-1827	2.2	6
155	Synthesis of aryl spiroketals related to the papulacandins via allylation of phthalides. <i>Tetrahedron Letters</i> , 2000 , 41, 3955-3958	2	6
154	Synthesis of tricyclic aryl spiroacetals related to the papulacandins. <i>Tetrahedron</i> , 1996 , 52, 9553-9562	2.4	6
153	Molecules derived from the extremes of life: a decade later. <i>Natural Product Reports</i> , 2021 , 38, 24-82	15.1	6
152	MALDI-imaging enables direct observation of kinetic and thermodynamic products of mixed peptide fiber assembly. <i>Chemical Communications</i> , 2017 , 53, 1715-1718	5.8	5

151	Directed self-assembly of peptide-diketopyrrolopyrrole conjugates - a platform for bio-organic thin film preparation. <i>Soft Matter</i> , 2020 , 16, 6563-6571	3.6	5
150	Total Synthesis and Conformational Study of Callyaerin A: Anti-Tubercular Cyclic Peptide Bearing a Rare Rigidifying (Z)-2,3- Diaminoacrylamide Moiety. <i>Angewandte Chemie</i> , 2018 , 130, 3693-3697	3.6	5
149	Substituted Carbazoles – A New Class of Anthelmintic Agent. <i>Australian Journal of Chemistry</i> , 2016 , 69, 1268	1.2	5
148	Enantioselective synthesis of BE ring analogues of methyllycaconitine. <i>Tetrahedron</i> , 2016 , 72, 400-414	2.4	5
147	A potent fluorescent calcitonin gene-related peptide analogue enables visualization of receptor internalization. <i>Peptide Science</i> , 2019 , 111, e24126	3	5
146	Synthesis of truncated analogues of preptin-(116), and investigation of their ability to stimulate osteoblast proliferation. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 3565-72	3.4	5
145	Synthesis of a 6,6-spiroketal amino acid and its incorporation into a peptide turn sequence using solid-phase peptide synthesis. <i>Chemistry - A European Journal</i> , 2013 , 19, 3807-11	4.8	5
144	Determination of pKa and forced degradation of the indoloquinoline antimalarial compound cryptolepine hydrochloride. <i>Pharmaceutical Development and Technology</i> , 2013 , 18, 866-76	3.4	5
143	A simple solid phase, peptide-based fluorescent assay for the efficient and universal screening of HRV 3C protease inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 5018-24	2.9	5
142	A Novel Approach to Monobenzannulated Spiroketal Using Styrenes in the Kulinkovich Reaction. <i>Synlett</i> , 2009 , 2009, 2315-2319	2.2	5
141	A Facile Cross-Metathesis-Radical-Cyclisation Approach to Monobenzannulated Spiroketal. <i>Synlett</i> , 2009 , 2009, 793-797	2.2	5
140	Reductive thioalkylation of a kalafungin analogue. <i>Tetrahedron Letters</i> , 1998 , 39, 4879-4882	2	5
139	Buchwald-Hartwig Mono-N-arylation with 2,6-Dihaloisonicotinic Acid Derivatives: A Convenient Desymmetrization Method. <i>Synthesis</i> , 2008 , 2008, 2764-2770	2.9	5
138	Synthesis of a C-Terminal Thioester Derivative of the Lipopeptide Pam2CSKKKKG Using Fmoc SPPS. <i>Synlett</i> , 2007 , 2007, 0713-0716	2.2	5
137	Synthesis of Spiroketal Related to Griseusin A. <i>Molecules</i> , 1996 , 1, 3-14	4.8	5
136	Substituted sulfonamide bioisosteres of 8-hydroxyquinoline as zinc-dependent antibacterial compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127110	2.9	5
135	Reactivity of 2-Nitropyrrole Systems: Development of Improved Synthetic Approaches to Nitropyrrole Natural Products. <i>Journal of Organic Chemistry</i> , 2018 , 83, 12460-12470	4.2	5
134	Enhancing T cell responses and tumour immunity by vaccination with peptides conjugated to a weak NKT cell agonist. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 1225-1237	3.9	4

133	Synthesis of Novel Triazole-Containing Phosphonate Polymers. <i>Australian Journal of Chemistry</i> , 2015 , 68, 680	1.2	4
132	Utility of the Compound Lepteridine as a Chemical Marker for Manuka Honey Authenticity. <i>ACS Omega</i> , 2020 , 5, 8858-8866	3.9	4
131	Anthranilate phosphoribosyltransferase: Binding determinants for 5'-phospho-alpha-d-ribosyl-1'-pyrophosphate (PRPP) and the implications for inhibitor design. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018 , 1866, 264-274	4	4
130	Synthesis of the Bicyclic Lactone Core of Leonuketol, Enabled by a Telescoped Diels-Alder Reaction Sequence. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1128-1135	4.5	4
129	Synthesis of a Novel Polyaniline Glycopolymer and its Lectin Binding Studies. <i>Australian Journal of Chemistry</i> , 2014 , 67, 562	1.2	4
128	An Improved Method for the Synthesis of Lipopeptide TLR2-Agonists Using Click Chemistry. <i>Synlett</i> , 2013 , 24, 1835-1841	2.2	4
127	An investigation of the role of the adiponectin variable domain on the stability of the collagen-like domain. <i>Biopolymers</i> , 2014 , 102, 313-21	2.2	4
126	Microwave-Assisted Synthesis of Fluorescein-Labelled GalNAc β 1-O-Ser/Thr (Tn) Glycopeptides as Immunological Probes. <i>Synthesis</i> , 2010 , 2010, 763-769	2.9	4
125	Use of Click Chemistry For the Synthesis of Tetrazole-Containing Analogues of the Neuroprotective Agent Glycyl-l-prolyl-l-glutamic Acid. <i>Synlett</i> , 2009 , 2009, 1233-1236	2.2	4
124	Metal binding studies using spiroacetal thiocrown ethers. <i>Tetrahedron Letters</i> , 2010 , 51, 1072-1074	2	4
123	Facile Bisarylation of Aldehydes Using Titanium Naphtholates. <i>Synthetic Communications</i> , 1997 , 27, 989-1007	1.7	4
122	Synthesis of the FG Fragment of the Pectenotoxins. <i>Synlett</i> , 2007 , 2007, 2359-2362	2.2	4
121	A Short Enantioselective Synthesis of the Topoisomerase II Inhibitor (+)-Eleutherin. <i>Synthesis</i> , 2007 , 2007, 2611-2613	2.9	4
120	Two stereoisomers of the rat toxicant norbormide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004 , 60, o374-6		4
119	Synthesis of a Novel Nucleoside Based on a Spiroacetal Framework. <i>Australian Journal of Chemistry</i> , 2004 , 57, 665	1.2	4
118	Determining the regio- and typo-selectivity of calf pregastric lipase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2001 , 16, 147-157		4
117	Synthesis of (E)-1-Bromo-3-ethyl-3-pentene. <i>Synthetic Communications</i> , 1996 , 26, 243-251	1.7	4
116	Directed ortho metalations of tertiary benzamides using lactones as electrophiles. <i>Tetrahedron</i> , 1994 , 50, 4897-4904	2.4	4

115	Synthesis and SAR Analysis of Lipovelutibols B and D and Their Lipid Analogues. <i>Journal of Organic Chemistry</i> , 2020 , 85, 1401-1406	4.2	4
114	Nanoribbon self-assembly and hydrogel formation from an NOctanoyl octapeptide derived from the antiparallel β interface of a protein homotetramer. <i>Acta Biomaterialia</i> , 2020 , 114, 233-243	10.8	4
113	Identification of Key Functional Motifs of Native Amelogenin Protein for Dental Enamel Remineralisation. <i>Molecules</i> , 2020 , 25,	4.8	4
112	Synthesis and structural insight into ESX-1 Substrate Protein C, an immunodominant Mycobacterium tuberculosis-secreted antigen. <i>Biopolymers</i> , 2016 , 106, 267-74	2.2	4
111	Alanine scan-guided synthesis and biological evaluation of analogues of culicinin D, a potent anticancer peptaibol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127135	2.9	4
110	-Atisane diterpenoids: isolation, structure and bioactivity. <i>Natural Product Reports</i> , 2021 , 38, 330-345	15.1	4
109	Pharmacological characterisation of mouse calcitonin and calcitonin receptor-like receptors reveals differences compared with human receptors. <i>British Journal of Pharmacology</i> , 2021 ,	8.6	4
108	Analysis of Advanced Glycation End products in ribose-, glucose- and lactose-crosslinked gelatin to correlate the physical changes induced by Maillard reaction in films. <i>Food Hydrocolloids</i> , 2021 , 117, 106736	10.6	4
107	Synthesis of Enediamino Amino Acid Analogues and Peptides. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1180-1190	3	3
106	Incorporation of 'click' chemistry glycomimetics dramatically alters triple-helix stability in an adiponectin model peptide. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 5602-5608	3.9	3
105	Highly Diastereoselective Synthesis of Syn-1,3-Dihydroxyketone Motifs from Propargylic Alcohols via Spiroepoxide Intermediates. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11830-11835	16.4	3
104	Investigations of the key macrolactamisation step in the synthesis of cyclic tetrapeptide pseudoxylallemycin A. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3902-3913	3.9	3
103	Synthesis of the carbon skeleton of the griseorhodins. <i>Tetrahedron</i> , 2015 , 71, 91-101	2.4	3
102	Design, characterization and evaluation of β hairpin peptide hydrogels as a support for osteoblast cell growth and bovine lactoferrin delivery. <i>RSC Advances</i> , 2020 , 10, 18222-18230	3.7	3
101	Cyclic Encarbamates as Precursors of β,β Unsaturated Iminium Ions: Reactivity and Synthesis of 6,6-Spirocyclic Ring Systems. <i>Journal of Organic Chemistry</i> , 2016 , 81, 10366-10375	4.2	3
100	A Chemometric Analysis of Compounds from Native New Zealand Medicinal Flora. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1117-1127	4.5	3
99	Synthesis of the Tetracyclic Cores of the Integrastatins, Epicoccolide A and Epicocconigrone A. <i>Journal of Organic Chemistry</i> , 2019 , 84, 11935-11944	4.2	3
98	Naturally Occurring Lumazines. <i>Journal of Natural Products</i> , 2019 , 82, 2054-2065	4.9	3

97	A chiral auxiliary-based synthesis of the C5017 trans-decalin framework of anthracimycin. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 2954-2963	5.2	3
96	Naturally occurring antitubercular cyclic peptides. <i>Tetrahedron Letters</i> , 2019 , 60, 151339	2	3
95	Chemical synthesis of β -secretase activating protein using pseudoglutamines as ligation sites. <i>Biopolymers</i> , 2015 , 104, 37-45	2.2	3
94	One-Pot Synthesis of Functionalized Noble Metal Nanoparticles Using a Rationally Designed Phosphopeptide. <i>Particle and Particle Systems Characterization</i> , 2014 , 31, 971-975	3.1	3
93	Enantioselective synthesis of C-linked spiroacetal-triazoles as privileged natural product-like scaffolds. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 5993-6002	3.9	3
92	Recent Developments in Neoglycopeptide Synthesis 2011 , 359-391		3
91	Synthesis of the Pyranonaphthoquinones Dehydroherbarin, (+)-Astrophaquinone B and (+)-Astrophaquinone C en Route to Ascomycones A and B. <i>Synthesis</i> , 2010 , 2010, 2604-2608	2.9	3
90	Enantioselective Synthesis of the 3C-Protease Inhibitor (-)-Thysanone by a Staunton-Weinreb Annulation Strategy. <i>Synthesis</i> , 2009 , 2009, 2561-2569	2.9	3
89	Total Synthesis of Danshenspiroketallactone. <i>Synlett</i> , 2012 , 2012, 128-130	2.2	3
88	Novel Use of N-Carboalkoxy β,β -Unsaturated Iminium Ions as Dienophiles in Diels-Alder Reactions. <i>Synlett</i> , 2008 , 2008, 1036-1038	2.2	3
87	^1H and ^{13}C NMR spectra of methylmaleimido- and methylsuccinimidoanthranilate esters of 1-hydroxymethyl-6-methoxy-3-azabicyclo[3.3.1]nonanes. <i>Magnetic Resonance in Chemistry</i> , 2007 , 45, 695-9	2.1	3
86	Synthesis of New Aza-C-disaccharides Linking 4-Deoxy-4-amino-D-erythro-furanose to C-2 of D-Glucose and D-Allose. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3845-3855	3.2	3
85	A review of agents patented for their neuroprotective properties. <i>Recent Patents on CNS Drug Discovery</i> , 2006 , 1, 139-46		3
84	6,8?-Dimethoxy-2,2?-spirobichroman. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, o910-o911		3
83	Asymmetric dihydroxylation of β - and β -Farnesene. <i>Tetrahedron Letters</i> , 1994 , 35, 9445-9446	2	3
82	Highly stereoselective syn-hydroxylation of spiroketals. <i>Tetrahedron Letters</i> , 1991 , 32, 4049-4050	2	3
81	(1R,6R)-1-Methyl-8-aza-spiro-[5.6]dodecan-7-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o1151		3
80	Total Synthesis of (β)-Leonuketal. <i>Organic Letters</i> , 2020 , 22, 8735-8740	6.2	3

79	On-Resin Preparation of Allenamidyl Peptides: A Versatile Chemoselective Conjugation and Intramolecular Cyclisation Tool. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18054-18061	16.4	3
78	Recent Progress in the Synthesis of Homogeneous Erythropoietin (EPO) Glycoforms. <i>ChemBioChem</i> , 2020 , 21, 3301-3312	3.8	3
77	A Catalytic Asymmetric Ene Reaction for Direct Preparation of β -Hydroxy 1,4-Diketones as Intermediates in Natural Product Synthesis. <i>Synlett</i> , 2020 , 31, 687-690	2.2	2
76	Synthetic Studies Towards Spirocyclic Imine Marine Toxins Using N-Acyl Iminium Ions as Dienophiles in Diels-Alder Reactions. <i>Synlett</i> , 2020 , 31, 657-671	2.2	2
75	Intermolecular Diels-Alder Cycloaddition/Cross-Coupling Sequences of 2-Bromo-1,3-butadienes. <i>Organic Letters</i> , 2020 , 22, 1022-1027	6.2	2
74	Synthesis of isotopically labelled β CGRP and its lipidated analogue. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020 , 63, 325	1.9	2
73	Total synthesis of the proposed structure of talarolide A. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 5286-5293	3.9	2
72	Total Chemical Synthesis of an Orf Virus Protein, ORFV002, an Inhibitor of the Master Gene Regulator NF-B. <i>Biopolymers</i> , 2014 , 102, 137-44	2.2	2
71	DNA adduct formation of mitomycin C. A test case for DFT calculations on model systems. <i>Computational and Theoretical Chemistry</i> , 2013 , 1005, 9-15	2	2
70	Neoglycoprotein Synthesis Using the Copper-Catalyzed Azide-Alkyne Click Reaction and Native Chemical Ligation 2013 , 251-270		2
69	Using mass spectrometry to detect, differentiate, and semiquantitate closely related peptide hormones in complex milieu: measurement of IGF-II and vesiculín. <i>Endocrinology</i> , 2015 , 156, 1194-9	4.8	2
68	An Efficient Fmoc Solid-Phase Synthesis of an Amphiphile of the Neuroprotective Agent Glycyl-prolyl-glutamic Acid. <i>Synlett</i> , 2014 , 25, 2221-2224	2.2	2
67	Expedient Synthesis of Peptides Containing N ϵ -Carboxymethyllysine. <i>Synlett</i> , 2014 , 25, 1835-1838	2.2	2
66	Preparation of truncated orf virus entry fusion complex proteins by chemical synthesis. <i>Journal of Peptide Science</i> , 2014 , 20, 398-405	2.1	2
65	Stereoselective Synthesis of 4-Substituted 4-Hydroxypiperidines via Epoxidation-Ring Opening of 4-Methylenepiperidines. <i>Synlett</i> , 2010 , 2010, 2631-2635	2.2	2
64	Synthesis of Benzotriazole Analogues of the Helicobactericidal Agents CJ-13,015, CJ-13,102, CJ-13,108, and CJ-13,104 Using a Regioselective 1,3-Dipolar Cycloaddition. <i>Synlett</i> , 2011 , 2011, 99-103	2.2	2
63	Synthesis of the Antifungal Cyclic Peptides Tunicyclins C and D. <i>Synlett</i> , 2012 , 2012, 275-277	2.2	2
62	¹ H and ¹³ C NMR spectra of C-6 and C-9 substituted 3-azabicyclo[3.3.1]nonanes. <i>Magnetic Resonance in Chemistry</i> , 2008 , 46, 75-9	2.1	2

61	(1S,2S)-1-{2-[(4-Methoxybenzyl)oxy]ethyl}-2-methyl-3-butenyl (1S,4R)-4,7,7-trimethyl-3-oxo-2-oxabicyclo[2.2.1]heptane-1-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, o6-o7		2
60	Synthesis of deuterium labelled hexenols. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1992 , 31, 629-635	1.9	2
59	(\oplus)-1-{8'-(tert-Butyl-diphenyl-silyloxy-meth-yl)-1',7'-dioxaspiro-[5.5]undecan-2'-yl}uridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o715		2
58	Towards eco-friendly marine antifouling biocides - Nature inspired tetrasubstituted 2,5-diketopiperazines.. <i>Science of the Total Environment</i> , 2021 , 812, 152487	10.2	2
57	Total Synthesis of (\oplus)-Leonuketal		2
56	Screening a Natural Product-Inspired Library for Anti- Activities. <i>Molecules</i> , 2021 , 26,	4.8	2
55	Evolution of Peptide-Based Prostate-Specific Membrane Antigen (PSMA) Inhibitors: An Approach to Novel Prostate Cancer Therapeutics. <i>Current Medicinal Chemistry</i> , 2021 , 28, 3713-3752	4.3	2
54	Radiation Damage and Racemic Protein Crystallography Reveal the Unique Structure of the GASA/Snakin Protein Superfamily. <i>Angewandte Chemie</i> , 2016 , 128, 8062-8065	3.6	2
53	A Concise Synthetic Strategy Towards the Novel Calcium-dependent Lipopeptide Antibiotic, Malacidin A and Analogues. <i>Frontiers in Chemistry</i> , 2021 , 9, 687875	5	2
52	A Highly Efficient N-Mesityl Thiazolylidene for the Aliphatic Stetter Reaction: Stereoelectronic Quantification for Comparison of N-Heterocyclic Carbene Organocatalysts. <i>Asian Journal of Organic Chemistry</i> ,	3	2
51	Glucoregulatory activity of vesiculin in insulin sensitive and resistant mice. <i>Peptides</i> , 2019 , 116, 1-7	3.8	1
50	Synthesis and antiproliferative activity of C- and N-terminal analogues of culicinin D. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127331	2.9	1
49	Synthesis of peptide homo- and heterodimers as potential mimics of platelet-derived growth factor BB. <i>Peptide Science</i> , 2020 , 112, e24150	3	1
48	Highly Diastereoselective Synthesis of Syn-1,3-Dihydroxyketone Motifs from Propargylic Alcohols via Spiroepoxide Intermediates. <i>Angewandte Chemie</i> , 2019 , 131, 11956-11961	3.6	1
47	Synthesis and incorporation of an advanced lipid peroxidation end-product building block into collagen mimetic peptides. <i>Chemical Communications</i> , 2017 , 53, 8459-8462	5.8	1
46	Synthesis of DOHNAA, a Mycobacterium tuberculosis Cholesterol CD Ring Catabolite and FadD3 Substrate. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 6075-6083	3.2	1
45	(1R,6R,13R,18R)-(Z,Z)-1,18-Bis[(4R)-2,2-dimethyl-1,3-dioxolan-4-yl]-3,16-dimethyl-ene-8,20-diaza-dispiro-[5.6.5.6]tetra-co		1
44	In vitro metabolism of norbormide in rat, mouse and guinea pig liver preparations. <i>Environmental Toxicology and Pharmacology</i> , 2009 , 27, 144-8	5.8	1

43	Rules for abbreviation of protecting groups (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2012 , 85, 307-313	2.1	1
42	Synthesis and SAR of a Library of Cell-Permeable Biotin-R8ERY* Peptidomimetics Inhibiting β 4 \int Integrin Mediated Adhesion of TK-1 Cells to MADCAM-1-Fc. <i>Australian Journal of Chemistry</i> , 2012 , 65, 1349	1.2	1
41	Synthesis of a new spiroacetal based herbicide. <i>Tetrahedron Letters</i> , 1997 , 38, 3591-3594	2	1
40	Synthesis of isotopically labelled glycyl-L-prolyl-L-glutamic acid (Glypromate \int) and derivatives. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2006 , 49, 571-581	1.9	1
39	(2??S,5??R,7??S)-2-[2?-(2??-Methyl-1??,6??-dioxaspiro[4.5]dec-7??-yl)ethylsulfonyl]-1,3-benzothiazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o1187-o1188		1
38	5,8?-Dimethoxy-3H-1-benzofuran-2-spiro2?-chroman. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, o2748-o2749		1
37	Polyether antibiotic CP44,161. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001 , 57, 95-6		1
36	(1R,1'R,3S,3'S)-5,5',10,10'-Tetra-meth-oxy-1,1',3,3'-tetra-methyl-3,3',4,4'-tetra-hydro-1H,1'H-8,8'-bi[benzo[g]isochromene]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o758		1
35	A Ring Closing Metathesis Approach to the Formal Synthesis of (+)-Callyspongiolide. <i>ChemCatChem</i> , 2020 , 12, 5759-5771	5.2	1
34	Disruption of Metallostasis in the Anaerobic Human Pathogen by the Zinc Ionophore PBT2. <i>ACS Infectious Diseases</i> , 2021 , 7, 2285-2298	5.5	1
33	C-2 derivatized 8-sulfonamidoquinolines as antibacterial compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 29, 115837	3.4	1
32	The Synthesis and Bioactivity of the Marine Macrolide Callyspongiolide. <i>Chemistry - A European Journal</i> , 2021 , 27, 2589-2611	4.8	1
31	seco-Labdanes: A Study of Terpenoid Structural Diversity Resulting from Biosynthetic C-C Bond Cleavage. <i>Chemistry - A European Journal</i> , 2021 , 27, 6367-6389	4.8	1
30	Synthesis and characterization of mono -lipidated peptide hydrogels: a platform for the preparation of reactive oxygen species responsive materials. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 3665-3677	3.9	1
29	Frontispiece: Chemical Synthesis of Bioactive Naturally Derived Cyclic Peptides Containing Ene-Like Rigidifying Motifs. <i>Chemistry - A European Journal</i> , 2018 , 24,	4.8	1
28	The Total Chemical Synthesis and Biological Evaluation of the Cationic Antimicrobial Peptides, Laterocidine and Brevicidine. <i>Journal of Natural Products</i> , 2021 , 84, 2165-2174	4.9	1
27	Aminovinyl Cysteine Containing Peptides: A Unique Motif That Imparts Key Biological Activity. <i>Jacs Au</i> , 2021 , 1, 1527-1540		1
26	Total Synthesis of Novel Antimicrobial β Hairpin Capitellacin Via Rapid Flow-Based SPPS Assembly and Regioselective On-Resin Disulfide Cyclisation. <i>International Journal of Peptide Research and Therapeutics</i> , 2022 , 28, 1	2.1	1

25	Convenient access to 5-membered cyclic iminium ions: evidence for a stepwise [4 + 2] cycloaddition mechanism. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 2705-2714	3.9	o
24	Synthesis of the Cysteine Protease Inhibitors CPI-2081a and CPI-2081b Using a Controlled SPPS Byproduct Forming Reaction. <i>Synlett</i> , 2013 , 24, 1818-1824	2.2	o
23	A novel tyrosine hyperoxidation enables selective peptide cleavage.. <i>Chemical Science</i> , 2022 , 13, 2753-2763	3.4	o
22	On-Resin Preparation of Allenamidyl Peptides: A Versatile Chemoselective Conjugation and Intramolecular Cyclisation Tool. <i>Angewandte Chemie</i> , 2020 , 132, 18210-18217	3.6	o
21	Building -bicyclo[4.4.0]decanes/decenen in complex multifunctional frameworks: the case for antibiotic development. <i>Natural Product Reports</i> , 2021 , 38, 880-889	15.1	o
20	Thiol-ene enabled preparation of -lipidated anti-HBV peptides. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 220-232	3.9	o
19	Synthesis of Lipopeptides by CLipPA Chemistry. <i>Methods in Molecular Biology</i> , 2021 , 2355, 253-263	1.4	o
18	Lipidated Calcitonin Gene-Related Peptide (CGRP) Peptide Antagonists Retain CGRP Receptor Activity and Attenuate CGRP Action .. <i>Frontiers in Pharmacology</i> , 2022 , 13, 832589	5.6	o
17	Stereochemical Effects on the Antimicrobial Properties of Tetrasubstituted 2,5-Diketopiperazines.. <i>ACS Medicinal Chemistry Letters</i> , 2022 , 13, 632-640	4.3	o
16	Innenrücktitelbild: Total Synthesis and Conformational Study of Callyaerin A: Anti-Tubercular Cyclic Peptide Bearing a Rare Rigidifying (Z)-2,3- Diaminoacrylamide Moiety (Angew. Chem. 14/2018). <i>Angewandte Chemie</i> , 2018 , 130, 3897-3897	3.6	
15	Titelbild: Radiation Damage and Racemic Protein Crystallography Reveal the Unique Structure of the GASA/Snakin Protein Superfamily (Angew. Chem. 28/2016). <i>Angewandte Chemie</i> , 2016 , 128, 7995-7995	3.6	
14	(⊕)-Cyclo-hexane-1,2-diyl bis-(4-nitro-benzoate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o2174		
13	8?-Methoxy-3H-spiro[1-naphthofuran-2,2?-chroman]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o1075-o1076		
12	5-Methoxyspiro[1-benzofuran-2(3H),2?-chroman]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, o1123-o1124		
11	Vesiculin derived from IGF-II drives increased islet cell mass in a mouse model of pre-diabetes. <i>Islets</i> , 2022 , 14, 14-22	2	
10	(⊕)-2'-Phenyl-cyclo-hexa-nespiro-4'-(aze-pano[1,2-b]isoxazolidine). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o1535		
9	(⊕)-N-(3-Hydr-oxy-1,2-diphenyl-prop-yl)-4-methyl-benzene-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o1990		
8	3-Allyl-2-hydr-oxy-5,6,8-trimethoxy-naphthalene-1,4-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o1929		

- 7 Synthesis of mannosylated glycopeptides as components for synthetic vaccines. *Advances in Experimental Medicine and Biology*, **2009**, 611, 351-2 3.6
- 6 Engineering a stable complex of ERp44 with a designed peptide ligand for analyzing the mode of interaction of ERp44 with its clients. *Peptide Science*, e24230 3
- 5 Total Synthesis of Allene-Containing Cyclic Tetrapeptide Pseudoxyllallemycin C. *Synlett*, **2021**, 32, 273-276.2
- 4 Synthesis of N-Linked Glycopeptides Using Convergent Enzymatic Glycosylation Combined with SPPS **2018**, 1-36
- 3 Scalable Biomimetic Syntheses of Paeciloketal B, 1--Paeciloketal B, and Bysspectin A. *Journal of Natural Products*, **2021**, 84, 2345-2351 4.9
- 2 Synthesis of the C4-C16 Polyketide Fragment of Portimines A and B. *Journal of Organic Chemistry*, **2021**, 86, 12840-12850 4.2
- 1 Investigating the Individual Importance of the Pam2Cys Ester Motifs on TLR2 Activity. *European Journal of Organic Chemistry*, **2021**, 2021, 5415 3.2