Margaret Brimble

List of Publications by Year
in descending order

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560 papers	11,781 citations	61857 43 h-index	91712 69 g-index
581 all docs	581 docs citations	581 times ranked	11022 citing authors

#	Article	IF	Citations
1	Câ€“H Functionalization in the Synthesis of Amino Acids and Peptides. Chemical Reviews, 2014, 114, 8775-8806.	23.0	501
2	Câ€“H activation. Nature Reviews Methods Primers, 2021, 1, .	11.8	277
3	An Insight into FDA Approved Antibody-Drug Conjugates for Cancer Therapy. Molecules, 2021, 26, 5847.	1.7	158
4	Pyranonaphthoquinone antibioticsâ€”isolation, structure and biological activity. Natural Product Reports, 1999, 16, 267-281.	5.2	152
5	Natural product derived privileged scaffolds in drug discovery. Current Opinion in Chemical Biology, 2019, 52, 1-8.	2.8	152
6	Molecules derived from the extremes of life. Natural Product Reports, 2009, 26, 44-71.	5.2	142
7	Isolation, biological activity and synthesis of benzannulated spiroketal natural products. Natural Product Reports, 2010, 27, 1117.	5.2	138
8	Structureâ€“mechanical property correlations of hydrogel forming Î²-sheet peptides. Chemical Society Reviews, 2016, 45, 4797-4824.	18.7	135
9	Structural Basis for Receptor Activity-Modifying Protein-Dependent Selective Peptide Recognition by a G Protein-Coupled Receptor. Molecular Cell, 2015, 58, 1040-1052.	4.5	112
10	Synthesis of bis-spiroacetal ring systems. Tetrahedron, 1999, 55, 7661-7706.	1.0	107
11	Effect of fungal metabolite peramine and analogs on feeding and development of argentine stem weevil (Listronotus bonariensis). Journal of Chemical Ecology, 1990, 16, 1683-1695.	0.9	103
12	Synthetic Strategies Towards Pyranonaphthoquinone Antibiotics. Tetrahedron, 2000, 56, 1937-1992.	1.0	102
13	Fluorescent probes for bioimaging of potential biomarkers in Parkinson's disease. Chemical Society Reviews, 2021, 50, 1219-1250.	18.7	90
14	Pyranonaphthoquinonesâ€”isolation, biological activity and synthesis. Natural Product Reports, 2008, 25, 376-400.	5.2	87
15	Gold catalysis: synthesis of spiro, bridged, and fused ketal natural products. Organic and Biomolecular Chemistry, 2017, 15, 3098-3104.	1.5	79
16	Synthesis of Fish Antifreeze Neoglycopeptides Using Microwave-Assisted â€œClick Chemistryâ€• Organic Letters, 2009, 11, 2409-2412.	2.4	77
17	A One-Pot Approach to Neoglycopeptides using Orthogonal Native Chemical Ligation and Click Chemistry. Organic Letters, 2009, 11, 5270-5273.	2.4	74
18	The Kulinkovich hydroxycyclopropanation reaction in natural product synthesis. Organic and Biomolecular Chemistry, 2012, 10, 7649.	1.5	71

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19	Spiroimine shellfish poisoning (SSP) and the spirolide family of shellfish toxins: Isolation, structure, biological activity and synthesis. Natural Product Reports, 2010, 27, 1350.	5.2	68
20	An Efficient Formal Synthesis of the Human Telomerase Inhibitor (Â±)â€Îªâ€Rubromycin. Angewandte Chemie - International Edition, 2009, 48, 7996-8000.	7.2	64
21	NKT cell-dependent glycolipidâ€“peptide vaccines with potent anti-tumour activity. Chemical Science, 2015, 6, 5120-5127.	3.7	64
22	Direct Peptide Lipidation through Thiolâ€“Ene Coupling Enables Rapid Synthesis and Evaluation of Selfâ€Adjuvanting Vaccine Candidates. Angewandte Chemie - International Edition, 2013, 52, 10616-10619.	7.2	62
23	Methyllycaconitine analogues have mixed antagonist effects at nicotinic acetylcholine receptors. Bioorganic and Medicinal Chemistry, 2005, 13, 4565-4575.	1.4	61
24	Synthesis of natural products containing spiroketals via intramolecular hydrogen abstraction. Organic and Biomolecular Chemistry, 2010, 8, 29-38.	1.5	61
25	Synthesis and antifreeze activity of fish antifreeze glycoproteins and their analogues. Chemical Science, 2010, 1, 538.	3.7	60
26	Protectingâ€Groupâ€Free Oneâ€Pot Synthesis of Glycoconjugates Directly from Reducing Sugars. Angewandte Chemie - International Edition, 2014, 53, 11907-11911.	7.2	60
27	Chemistry of Bis-Spiroacetal Systems: Natural Products, Synthesis and Stereochemistry. Current Organic Chemistry, 2003, 7, 1461-1484.	0.9	60
28	Amylin Analog Pramlintide Induces Migraineâ€like Attacks in Patients. Annals of Neurology, 2021, 89, 1157-1171.	2.8	58
29	Isolation, biological activity, biosynthesis and synthetic studies towards the rubromycin family of natural products. Natural Product Reports, 2015, 32, 811-840.	5.2	54
30	Structure, Function, Pharmacology, and Therapeutic Potential of the G Protein, GÃŽÂ±/q,11. Frontiers in Cardiovascular Medicine, 2015, 2, 14.	1.1	53
31	Very Short and Stable Lactoferricin-Derived Antimicrobial Peptides: Design Principles and Potential Uses. Accounts of Chemical Research, 2019, 52, 749-759.	7.6	52
32	Grafting from Poly(3,4-ethylenedioxythiophene): A Simple Route to Versatile Electrically Addressable Surfaces. Macromolecules, 2013, 46, 4955-4965.	2.2	51
33	A review of the synthesis of Î±-carbolines. European Journal of Medicinal Chemistry, 2015, 97, 816-829.	2.6	51
34	Enzymatic and non-enzymatic crosslinks found in collagen and elastin and their chemical synthesis. Organic Chemistry Frontiers, 2020, 7, 2789-2814.	2.3	51
35	Norborn-2-en-7-ones as physiologically-triggered carbon monoxide-releasing prodrugs. Chemical Science, 2017, 8, 5454-5459.	3.7	50
36	A phase I vaccination study with dendritic cells loaded with NY-ESO-1 and Î±-galactosylceramide: induction of polyfunctional T cells in high-risk melanoma patients. Cancer Immunology, Immunotherapy, 2018, 67, 285-298.	2.0	49

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37	Synthesis of the Bis-spiroacetal Moiety of Spirolides B and D. Organic Letters, 2005, 7, 3497-3500.	2.4	48
38	Molecular Weight and Charge Density Effects of Guanidinylated Biodegradable Polycarbonates on Antimicrobial Activity and Selectivity. Biomacromolecules, 2018, 19, 1389-1401.	2.6	48
39	Molecular Signature for Receptor Engagement in the Metabolic Peptide Hormone Amylin. ACS Pharmacology and Translational Science, 2018, 1, 32-49.	2.5	48
40	Peptide Lipidation â€“ A Synthetic Strategy to Afford Peptide Based Therapeutics. Advances in Experimental Medicine and Biology, 2017, 1030, 185-227.	0.8	47
41	Characterizing the mode of action of extracellular Connexin43 channel blocking mimetic peptides in an in vitro ischemia injury model. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 68-78.	1.1	46
42	Use of a Sonogashiraâ^'Acetylide Coupling Strategy for the Synthesis of the Aromatic Spiroketal Skeleton of Î³-Rubromycin. Organic Letters, 2003, 5, 4425-4427.	2.4	45
43	An improved procedure for the preparation of aminomethyl polystyrene resin and its use in solid phase (peptide) synthesis. Tetrahedron Letters, 2011, 52, 6024-6026.	0.7	45
44	Radiation Damage and Racemic Protein Crystallography Reveal the Unique Structure of the GASA/Snakin Protein Superfamily. Angewandte Chemie - International Edition, 2016, 55, 7930-7933.	7.2	45
45	Pyranonaphthoquinones â€“ isolation, biology and synthesis: an update. Natural Product Reports, 2017, 34, 25-61.	5.2	45
46	Synthesis of Cyclic Proline-Containing Peptides via Ring-Closing Metathesis. Organic Letters, 2003, 5, 1847-1850.	2.4	44
47	The first enantioselective total synthesis of the anti-Helicobacter pylori agent (+)-spirolaxine methyl ether. Chemical Communications, 2005, , 1560.	2.2	44
48	Synthesis of the bis-spiroacetal moiety of the shellfish toxins spirolides B and D using an iterative oxidative radical cyclization strategy. Organic and Biomolecular Chemistry, 2006, 4, 2184.	1.5	44
49	Synthesis of isotopically labelled thiol volatiles and cysteine conjugates for quantification of Sauvignon Blanc wine. Journal of Labelled Compounds and Radiopharmaceuticals, 2007, 50, 237-243.	0.5	44
50	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, 714.	1.7	44
51	Synthesis of the ABC Fragment of the Pectenotoxins. Organic Letters, 2005, 7, 2659-2662.	2.4	43
52	Peripheral administration of a novel diketopiperazine, NNZ 2591, prevents brain injury and improves somatosensory-motor function following hypoxiaâ€“ischemia in adult rats. Neuropharmacology, 2007, 53, 749-762.	2.0	43
53	A convergent synthesis of the [4.4]-spiroacetal-Î³-lactones cephalosporolides E and F. Tetrahedron, 2011, 67, 995-1001.	1.0	43
54	Gaq proteins: molecular pharmacology and therapeutic potential. Cellular and Molecular Life Sciences, 2017, 74, 1379-1390.	2.4	43

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55	Synthesis of aromatic spiroacetals related to Î³-rubromycin based on a 3H-spiro[1-benzofuran-2,2â€²-chromane] skeleton. Tetrahedron, 2007, 63, 6015-6034.	1.0	42
56	NNZ-2566: A Glyâ€“Proâ€“Glu analogue with neuroprotective efficacy in a rat model of acute focal stroke. Journal of the Neurological Sciences, 2009, 278, 85-90.	0.3	42
57	Heteroatom-Directed Reverse Wacker Oxidations. Synthesis of the Reported Structure of (âˆ')-Herbaric Acid. Journal of Organic Chemistry, 2010, 75, 7388-7392.	1.7	42
58	Recent developments in transition metal-catalysed spiroketalisation. Organic and Biomolecular Chemistry, 2014, 12, 7423-7432.	1.5	42
59	Synthesis of benzannulated spiroacetals using chiral goldâ€“phosphine complexes and chiral anions. Tetrahedron Letters, 2013, 54, 5865-5868.	0.7	41
60	Total Synthesis of the Cyclic Depsipeptide YM-280193, a Platelet Aggregation Inhibitor. Organic Letters, 2015, 17, 492-495.	2.4	41
61	Total chemical synthesis of glycocin F and analogues: S-glycosylation confers improved antimicrobial activity. Chemical Science, 2018, 9, 1686-1691.	3.7	41
62	Addition of silyloxydienes to 2-substituted 1,4-benzoquinones and 1,4-naphthoquinones. Tetrahedron, 1997, 53, 7715-7730.	1.0	40
63	Convergent chemo-enzymatic synthesis of mannosylated glycopeptides; targeting of putative vaccine candidates to antigen presenting cells. Chemical Science, 2015, 6, 4636-4642.	3.7	40
64	Synthesis and activity studies of analogues of the rat selective toxicant norbormide. Bioorganic and Medicinal Chemistry, 2007, 15, 2963-2974.	1.4	38
65	Enduracididine, a rare amino acid component of peptide antibiotics: Natural products and synthesis. Beilstein Journal of Organic Chemistry, 2016, 12, 2325-2342.	1.3	38
66	Natural products targeting telomere maintenance. MedChemComm, 2011, 2, 229.	3.5	37
67	Plant Antimicrobial Peptides Snakinâ€1 and Snakinâ€2: Chemical Synthesis and Insights into the Disulfide Connectivity. Chemistry - A European Journal, 2014, 20, 5102-5110.	1.7	37
68	Convergent chemoenzymatic synthesis of a library of glycosylated analogues of pramlintide: structureâ€“activity relationships for amylin receptor agonism. Organic and Biomolecular Chemistry, 2014, 12, 8142-8151.	1.5	37
69	Benzannulated spiroketal natural products: isolation, biological activity, biosynthesis, and total synthesis. Organic and Biomolecular Chemistry, 2019, 17, 8272-8307.	1.5	37
70	The role for IGF-1-derived small neuropeptides as a therapeutic target for neurological disorders. Expert Opinion on Therapeutic Targets, 2015, 19, 785-793.	1.5	36
71	Receptor Activity-modifying Proteins 2 and 3 Generate Adrenomedullin Receptor Subtypes with Distinct Molecular Properties. Journal of Biological Chemistry, 2016, 291, 11657-11675.	1.6	36
72	Distinct Patterns of Internalization of Different Calcitonin Gene-Related Peptide Receptors. ACS Pharmacology and Translational Science, 2020, 3, 296-304.	2.5	36

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73	Photo-induced radical thiolâ€“ene chemistry: a versatile toolbox for peptide-based drug design. Chemical Society Reviews, 2021, 50, 898-944.	18.7	36
74	Synthesis of macrocyclic shellfish toxins containing spiroimine moieties. Natural Product Reports, 2007, 24, 869.	5.2	35
75	A flexible asymmetric synthesis of the tetracyclic core of berkelic acid using a Hornerâ€“Wadsworthâ€“Emmons/oxa-Michael cascade. Organic and Biomolecular Chemistry, 2010, 8, 1284.	1.5	35
76	Access to 2-alkyl chromanones via a conjugate addition approach. Tetrahedron, 2012, 68, 6948-6956.	1.0	35
77	2-Formylpyrrole natural products: origin, structural diversity, bioactivity and synthesis. Natural Product Reports, 2019, 36, 289-306.	5.2	35
78	Use of (S)â€5â€(2â€Methylpyrrolidinâ€2â€yl)â€1Hâ€tetrazole as a Novel and Enantioselective Organocatalyst for the Aldol Reaction. European Journal of Organic Chemistry, 2008, 2008, 164-170.	1.2	34
79	A Novel Approach to the CDE Ring System of Pectenotoxin-4 Triggered by VO(acac)2-Induced Epoxy-Acetalization. Organic Letters, 2009, 11, 563-566.	2.4	34
80	Total Synthesis of the Initially Reported and Revised Structures of the Neuroprotective Agent Palmyrolide A. Organic Letters, 2012, 14, 5374-5377.	2.4	34
81	Synthetic studies towards the pectenotoxins: a review. Organic and Biomolecular Chemistry, 2006, 4, 4048.	1.5	33
82	The influence of microwave irradiation on lipase-catalyzed kinetic resolution of racemic secondary alcohols. Tetrahedron: Asymmetry, 2007, 18, 1618-1624.	1.8	33
83	Pyranonaphthoquinone derivatives of eleutherin, ventiloquinone L, thysanone and nanaomycin A possessing a diverse topoisomerase II inhibition and cytotoxicity spectrum. Bioorganic and Medicinal Chemistry, 2009, 17, 7131-7137.	1.4	33
84	Synthesis of Multivalent Neoglyconjugates of MUC1 by the Conjugation of Carbohydrate-Centered, Triazole-Linked Glycoclusters to MUC1 Peptides Using Click Chemistry. Journal of Organic Chemistry, 2012, 77, 7564-7571.	1.7	33
85	Synthesis of the Griseusin B Framework via a One-Pot Annulationâ€“Methylationâ€“Double Deprotectionâ€“Spirocyclization Sequence. Organic Letters, 2013, 15, 2006-2009.	2.4	33
86	Regulation and Quality Control of Adiponectin Assembly by Endoplasmic Reticulum Chaperone ERp44. Journal of Biological Chemistry, 2015, 290, 18111-18123.	1.6	33
87	Solidâ€Phase Thiolâ€“Ene Lipidation of Peptides for the Synthesis of a Potent CGRP Receptor Antagonist. Angewandte Chemie - International Edition, 2018, 57, 11640-11643.	7.2	33
88	A double alkylationâ€”ring closing metathesis approach to spiroimines. Tetrahedron, 2004, 60, 5613-5622.	1.0	32
89	Synthesis and neuroprotective activity of analogues of glycyl-l-prolyl-l-glutamic acid (GPE) modified at the Î±-carboxylic acid. Bioorganic and Medicinal Chemistry, 2005, 13, 501-517.	1.4	32
90	Investigations into the cellular actions of the shellfish toxin gymnodimine and analogues. Environmental Toxicology and Pharmacology, 2005, 20, 305-312.	2.0	32

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91	Synthesis of MUC1 Neoglycopeptides using efficient microwave-enhanced chaotrope-assisted click chemistry. Organic and Biomolecular Chemistry, 2011, 9, 1621.	1.5	32
92	Replacement of the CysA7â€“CysB7 disulfide bond with a 1,2,3-triazole linker causes unfolding in insulin glargine. Organic and Biomolecular Chemistry, 2015, 13, 4059-4063.	1.5	32
93	Lipidation of Cysteine or Cysteineâ€Containing Peptides Using the Thiolâ€Ene Reaction (CLipPA). European Journal of Organic Chemistry, 2016, 2016, 2608-2616.	1.2	32
94	Total Synthesis and Stereochemical Revision of the Anti-Tuberculosis Peptaibol Trichoderin A. Organic Letters, 2016, 18, 3878-3881.	2.4	32
95	Synthesis of the C10â^'C22 Bis-spiroacetal Domain of Spirolides B and D via Iterative Oxidative Radical Cyclization. Organic Letters, 2002, 4, 3655-3658.	2.4	31
96	Synthesis of the ABC tricyclic fragment of the pectenotoxins via stereocontrolled cyclization of a Î³-hydroxyepoxide appended to the AB spiroacetal unit. Organic and Biomolecular Chemistry, 2006, 4, 1387.	1.5	31
97	Toward the total chemical synthesis of the cancer protein NYâ€ESOâ€1. Biopolymers, 2010, 94, 542-550.	1.2	31
98	Total Synthesis of Paecilospirone. Angewandte Chemie - International Edition, 2011, 50, 8350-8353.	7.2	31
99	Structureâ€“activity relationships of the <scp>N</scp>â€terminus of calcitonin geneâ€related peptide: key roles of alanineâ€5 and threonineâ€6 in receptor activation. British Journal of Pharmacology, 2014, 171, 415-426.	2.7	31
100	Synthesis and biological evaluation of novel teixobactin analogues. Organic and Biomolecular Chemistry, 2017, 15, 8755-8760.	1.5	31
101	Synthesis of pyrrolo[3,2-b]benzofurans and pyrrolo[3,2-b]naphthofurans via addition of a silyloxypyrrole to activated quinones. Tetrahedron, 2004, 60, 5751-5758.	1.0	30
102	Synthesis of proline-modified analogues of the neuroprotective agent glycyl-l-prolyl-glutamic acid (GPE). Tetrahedron, 2005, 61, 10018-10035.	1.0	30
103	A facile synthesis of fused aromatic spiroacetals based on the 3,4,3â€²,4â€²-tetrahydro-2,2â€²-spirobis(2H-1-benzopyran) skeleton. Tetrahedron, 2006, 62, 5883-5896.	1.0	30
104	Synthesis of fluorescein-labelled O-mannosylated peptides as components for synthetic vaccines: comparison of two synthetic strategies. Organic and Biomolecular Chemistry, 2008, 6, 112-121.	1.5	30
105	Identification of key residues involved in adrenomedullin binding to the <scp>AM₁</scp> receptor. British Journal of Pharmacology, 2013, 169, 143-155.	2.7	30
106	The Synthesis of Phosphopeptides Using Microwave-assisted Solid Phase Peptide Synthesis. International Journal of Peptide Research and Therapeutics, 2008, 14, 387-392.	0.9	29
107	Synthesis of the Peptaibol Framework of the Anticancer Agent Culicinin D: Stereochemical Assignment of the AHMOD Moiety. Organic Letters, 2012, 14, 5784-5787.	2.4	29
108	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.	1.8	28

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109	Synthesis of a 2-deoxyglucosyl analogue of medermycin. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1624-1634.	1.3	28
110	Synthesis of 6,6-bisbenzannulated spiroketals related to the rubromycins using a double intramolecular hetero-Michael addition (DIHMA). Tetrahedron Letters, 2009, 50, 3245-3248.	0.7	28
111	How do Antarctic notothenioid fishes cope with internal ice? A novel function for antifreeze glycoproteins. Antarctic Science, 2011, 23, 57-64.	0.5	28
112	Toward an Asymmetric Synthesis of the Dimeric Pyranonaphthoquinone Antibiotic Crisamicin A. Journal of Organic Chemistry, 2014, 79, 7169-7178.	1.7	28
113	Synthesis of the Antimicrobial Sâ€Linked Glycopeptide, Glycocinâ€...F. Chemistry - A European Journal, 2015, 21, 3556-3561.	1.7	28
114	Isolation, Structural Elucidation, and Synthesis of Lepteridine From Maì...nuka (Leptospermum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	28
115	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.	1.5	28
116	Molecular Mechanisms of Class B GPCR Activation: Insights from Adrenomedullin Receptors. ACS Pharmacology and Translational Science, 2020, 3, 246-262.	2.5	28
117	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.	1.0	27
118	Synthesis of tricyclic analogues of methyllycaconitine using ring closing metathesis to append a B ring to an AE azabicyclic fragment. Organic and Biomolecular Chemistry, 2004, 2, 1659.	1.5	27
119	An approach to an enantioselective synthesis of crisamicin A via a novel double Hauserâ€“Kraus annulation strategy. Tetrahedron, 2008, 64, 3912-3927.	1.0	27
120	Enantioselective synthesis of the dimeric pyranonaphthoquinone core of the cardinalins using a late-stage homocoupling strategy. Organic and Biomolecular Chemistry, 2008, 6, 4261.	1.5	27
121	An Enantioselective Formal Synthesis of Berkelic Acid. Organic Letters, 2011, 13, 5382-5385.	2.4	27
122	Novel preparation of chiral Î±-amino acids using the Mitsunobuâ€“Tsunoda reaction. Chemical Communications, 2013, 49, 7744.	2.2	27
123	A new precursor for conducting polymer-based brush interfaces with electroactivity in aqueous solution. Polymer, 2013, 54, 1305-1317.	1.8	27
124	Total Synthesis of the Macrocyclic N-Methyl Enamides Palmyrolide A and 2S-Sanctolide A. Journal of Organic Chemistry, 2014, 79, 11179-11193.	1.7	27
125	Augmenting Influenza-Specific T Cell Memory Generation with a Natural Killer T Cell-Dependent Glycolipidâ€“Peptide Vaccine. ACS Chemical Biology, 2017, 12, 2898-2905.	1.6	27
126	Diastereoselective diels-alder reactions of optically-active vinyl sulphoxides. Tetrahedron, 1985, 41, 4965-4972.	1.0	26

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127	Synthesis of two key intermediates required for the construction of the bis-spiroacetal moiety of epi-17-deoxy-(0â€“8)-salinomycin. Tetrahedron Letters, 1986, 27, 3311-3314.	0.7	26
128	A facile synthesis of aryldihydropyrans using a Sonogashiraâ€“selenoetherification strategy. Tetrahedron Letters, 2002, 43, 1735-1738.	0.7	26
129	Stereoselective synthesis of deoxy analogues of the 3C-protease inhibitor thysanone. Tetrahedron, 2002, 58, 183-189.	1.0	26
130	Synthesis of the anti-Helicobacter pylori agent (+)-spirolaxine methyl ether and the unnatural (2â€³S)-diastereomer. Organic and Biomolecular Chemistry, 2007, 5, 2572.	1.5	26
131	Biomimetic studies towards the cardinalins: synthesis of (+)-ventiloquinone L and an unusual dimerisation. Organic and Biomolecular Chemistry, 2009, 7, 2599.	1.5	26
132	Growth Habit Modification of Ice Crystals Using Antifreeze Glycoprotein (AFGP) Analogues. Crystal Growth and Design, 2010, 10, 5066-5077.	1.4	26
133	Synthesis of the bis-spiroacetal C25â€“C40 moiety of the antimitotic agent spirastrellolide B using a bis-dithiane deprotection/spiroacetalisation sequence. Chemical Communications, 2010, 46, 3967.	2.2	26
134	Synthesis of the Bis-Spiroacetal Core of the Antimitotic Agent Spirastrellolide B. Journal of Organic Chemistry, 2011, 76, 9417-9428.	1.7	26
135	The enantioselective synthesis of tetracyclic methyllycaconitine analogues. Tetrahedron, 2011, 67, 7989-7999.	1.0	26
136	Formal Synthesis of Berkelic Acid: A Lesson in Î±-Alkylation Chemistry. Journal of Organic Chemistry, 2012, 77, 400-416.	1.7	26
137	Synthesis and evaluation of disulfide bond mimetics of amylin-(1â€“8) as agents to treat osteoporosis. Bioorganic and Medicinal Chemistry, 2012, 20, 2661-2668.	1.4	26
138	Structure and dynamics of human Nedd4-1 WW3 in complex with the Î±ENaC PY motif. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1632-1641.	1.1	26
139	Synthesis and methemoglobinemia-inducing properties of benzocaine isosteres designed as humane rodenticides. Bioorganic and Medicinal Chemistry, 2014, 22, 2220-2235.	1.4	26
140	An update on new methods to synthesize cyclotetrapeptides. Organic and Biomolecular Chemistry, 2015, 13, 6906-6921.	1.5	26
141	Nitropyrrole natural products: isolation, biosynthesis and total synthesis. Organic and Biomolecular Chemistry, 2016, 14, 5390-5401.	1.5	26
142	Diastereoselective addition of 2-trimethylsilyloxyfuran to (S)-(+)-2-(p-tolylsulfinyl)-1,4-benzoquinone. Tetrahedron: Asymmetry, 1995, 6, 263-269.	1.8	25
143	A Convergent Synthesis of the 2-Formylpyrrole Spiroketal Natural Product Acortatarin A. Synlett, 2012, 23, 855-858.	1.0	25
144	A Maillard Approach to 2â€Formylpyrroles: Synthesis of Magnolamide, Lobechine and Funebral. European Journal of Organic Chemistry, 2014, 2014, 1431-1437.	1.2	25

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145	Total Synthesis of Heronapyrrole C. Organic Letters, 2014, 16, 378-381.	2.4	25
146	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, 7659-7664.	1.5	25
147	Unexpected Direct Synthesis of Nâ€Vinyl Amides through Vinyl Azideâ€“Enolate [3+2] Cycloaddition. Angewandte Chemie - International Edition, 2017, 56, 7420-7424.	7.2	25
148	A new family of sesterterpenoids isolated around the Pacific Rim. Natural Product Reports, 2018, 35, 210-219.	5.2	25
149	Synthesis and Evaluation of Novel TLR2 Agonists as Potential Adjuvants for Cancer Vaccines. Journal of Medicinal Chemistry, 2020, 63, 2282-2291.	2.9	25
150	Synthe1sis of 5-epi-arizonin B1 and 5-epi-arizonin C1. Tetrahedron Letters, 1993, 34, 5813-5814.	0.7	24
151	Synthesis of Analogues of Griseusin A. Organic Letters, 1999, 1, 1459-1462.	2.4	24
152	Synthesis and pharmacological evaluation of glycine-modified analogues of the neuroprotective agent glycyl-l-prolyl-l-glutamic acid (GPE). Bioorganic and Medicinal Chemistry, 2005, 13, 533-548.	1.4	24
153	Enantioselective synthesis of pyranonaphthoquinone antibiotics using a CBS reduction/cross-metathesis/oxa-Michael strategy. Organic and Biomolecular Chemistry, 2011, 9, 5423.	1.5	24
154	Total Synthesis of Virgatolide B. Organic Letters, 2013, 15, 4588-4591.	2.4	24
155	A Single Pseudoproline and Microwave Solid Phase Peptide Synthesis Facilitates an Efficient Synthesis of Human Amylin 1â€“37. International Journal of Peptide Research and Therapeutics, 2013, 19, 147-155.	0.9	24
156	Glucose as an agent of post-translational modification in diabetes â€” New cardiac epigenetic insights. Life Sciences, 2015, 129, 48-53.	2.0	24
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