Chris J Easton

List of Publications by Year
in descending order

218 papers	4,818 citations	117625 34 h-index	161849 54 g-index
233 all docs	233 docs citations	233 times ranked	4122 citing authors

#	Article	IF	Citations
1	Easy Production of â€œDifficult Peptidesâ€•Using Cellâ€Free Protein Synthesis and a New Methionine Analogue as a Latent Peptide Cleavage Site. Chemistry - A European Journal, 2021, 27, 17487-17494.	3.3	4
2	DNA amplification with in situ nucleoside to dNTP synthesis, using a single recombinant cell lysate of E. coli. Scientific Reports, 2019, 9, 15621.	3.3	9
3	One-Pot Multienzymatic Transformation of NH₃, CO₂, and Ornithine into the Organic Nitrogen Plant Fertilizer Citrulline Using a Single Recombinant Lysate of E. coli. ACS Sustainable Chemistry and Engineering, 2019, 7, 8522-8529.	6.7	9
4	Direct Synthesis of an Oligomeric Series of Interlocked, Cyclodextrinâ€Based [c2]Daisy Chains. European Journal of Organic Chemistry, 2019, 2019, 3495-3502.	2.4	8
5	Recombinant cell-lysate-catalysed synthesis of uridine-5â€²-triphosphate from nucleobase and ribose, and without addition of ATP. New Biotechnology, 2019, 49, 104-111.	4.4	7
6	Effect of Hydrogen Bonding and Partial Deprotonation on the Oxidation of Peptides. Journal of Physical Chemistry A, 2018, 122, 1741-1746.	2.5	16
7	An unexpected vestigial protein complex reveals the evolutionary origins of an s-triazine catabolic enzyme. Journal of Biological Chemistry, 2018, 293, 7880-7891.	3.4	18
8	Hyperthermophilic Carbamate Kinase Stability and Anabolic In Vitro Activity at Alkaline pH. Applied and Environmental Microbiology, 2018, 84, .	3.1	9
9	The evolution of multiple active site configurations in a designed enzyme. Nature Communications, 2018, 9, 3900.	12.8	75
10	Exploiting Peptidomimetics to Synthesize Compounds That Activate Ryanodine Receptor Calcium Release Channels. ChemMedChem, 2018, 13, 1957-1971.	3.2	7
11	Hostâ€Guest Chemistry of Linked Î²â€•and Î³â€Cyclodextrin Dimers and 1â€•and 2â€Naphthylâ€Sulfonamide Substituted Poly(acrylate)s in Aqueous Solution. ChemistrySelect, 2017, 2, 1421-1430.	1.5	2
12	Detection of Biosynthetic Precursors, Discovery of Glycosylated Forms, and Homeostasis of Calcitonin in Human Cancer Cells. Analytical Chemistry, 2017, 89, 6992-6999.	6.5	5
13	Impact of Hydrogen Bonding on the Susceptibility of Peptides to Oxidation. Chemistry - an Asian Journal, 2017, 12, 1485-1489.	3.3	11
14	A Peptide Amphiphile Organogelator of Polar Organic Solvents. Scientific Reports, 2017, 7, 43668.	3.3	6
15	Î²-Cyclodextrin- and adamantyl-substituted poly(acrylate) self-assembling aqueous networks designed for controlled complexation and release of small molecules. Beilstein Journal of Organic Chemistry, 2017, 13, 1879-1892.	2.2	4
16	Peptide Synthesis through Cellâ€Free Expression of Fusion Proteins Incorporating Modified Amino Acids as Latent Cleavage Sites for Peptide Release. ChemBioChem, 2016, 17, 908-912.	2.6	5
17	ATP Recycling with Cell Lysate for Enzyme-Catalyzed Chemical Synthesis, Protein Expression and PCR. ACS Chemical Biology, 2016, 11, 3289-3293.	3.4	26
18	Î±-Hydrogen Abstraction by â€¢OH and â€¢SH Radicals from Amino Acids and Their Peptide Derivatives. Journal of Chemical Theory and Computation, 2016, 12, 1606-1613.	5.3	16

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19	A Cyclodextrinâ€Based Photoresponsive Molecular Gate that Functions Independently of Either Solvent or Potentially Competitive Guests. Chemistry - an Asian Journal, 2015, 10, 2328-2332.	3.3	1
20	Biocatalysis for the application of CO₂ as a chemical feedstock. Beilstein Journal of Organic Chemistry, 2015, 11, 2370-2387.	2.2	84
21	Complexation of dodecyl-substituted poly(acrylate) by linked Î²-cyclodextrin dimers and trimers in aqueous solution. Journal of Polymer Science Part A, 2015, 53, 1278-1286.	2.3	5
22	X-Ray Structure of the Amidase Domain of AtzF, the Allophanate Hydrolase from the Cyanuric Acid-Mineralizing Multienzyme Complex. Applied and Environmental Microbiology, 2015, 81, 470-480.	3.1	18
23	Biosynthetic Incorporation of Fluorinated Amino Acids into Peptides and Proteins. Australian Journal of Chemistry, 2015, 68, 9.	0.9	5
24	Hydrogen from Formic Acid via Its Selective Disproportionation over Nanodomain-Modified Zeolites. ACS Catalysis, 2015, 5, 4353-4362.	11.2	16
25	Outcome-Changing Effect of Polarity Reversal in Hydrogen-Atom-Abstraction Reactions. Journal of Physical Chemistry A, 2015, 119, 3843-3847.	2.5	21
26	Analytically confirmed recreational use of Phenibut (Î²-phenyl-Î³-aminobutyric acid) bought over the internet. Clinical Toxicology, 2015, 53, 783-784.	1.9	24
27	Hydrogen-Atom Abstraction from a Model Amino Acid: Dependence on the Attacking Radical. Journal of Physical Chemistry B, 2015, 119, 783-788.	2.6	32
28	Hydrogen from Formic Acid through Its Selective Disproportionation over Sodium Germanateâ€”A Nonâ€Transitionâ€Metal Catalysis System. Angewandte Chemie - International Edition, 2014, 53, 11275-11279.	13.8	11
29	Formate production through carbon dioxide hydrogenation with recombinant whole cell biocatalysts. Bioresource Technology, 2014, 164, 7-11.	9.6	52
30	Clostridium carboxidivorans Strain P7T Recombinant Formate Dehydrogenase Catalyzes Reduction of CO ₂ to Formate. Applied and Environmental Microbiology, 2013, 79, 741-744.	3.1	76
31	Complexation of Crystal Violet, Pyronine B, and Rhodamine B by Linked Î²-Cyclodextrin Trimers. Australian Journal of Chemistry, 2013, 66, 1057.	0.9	3
32	In Situ Deprotection and Incorporation of Unnatural Amino Acids during Cellâ€Free Protein Synthesis. Chemistry - A European Journal, 2013, 19, 6824-6830.	3.3	12
33	Production and Regulation of Levels of Amidated Peptide Hormones. Australian Journal of Chemistry, 2013, 66, 297.	0.9	4
34	Hostâ€“guest chemistry of linked Î²-cyclodextrin trimers and adamantyl substituted poly(acrylate)s in aqueous solution. Polymer Chemistry, 2013, 4, 820-829.	3.9	15
35	Diamide Linked Î³-Cyclodextrin Dimers as Molecular-Scale Delivery Systems for the Medicinal Pigment Curcumin to Prostate Cancer Cells. Molecular Pharmaceutics, 2013, 10, 4481-4490.	4.6	27
36	Coâ€polymerization analysis of thermosetting resins using ¹Hâ€¹⁵Nâ€¹³C triple resonance NMR spectroscopy. Journal of Applied Polymer Science, 2013, 128, 3375-3381.	2.6	2

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37	Formate production through biocatalysis. Bioengineered, 2013, 4, 348-350.	3.2	21
38	Beckwith Memorial Symposium on Free Radical Chemistry. Australian Journal of Chemistry, 2013, 66, 284.	0.9	0
39	Reactivities of Amino Acid Derivatives Toward Hydrogen Abstraction by Cl^{â€¢} and OH^{â€¢}. Journal of Organic Chemistry, 2012, 77, 9807-9812.	3.2	46
40	Prohormone-substrate peptide sequence recognition by peptidylglycine Î±-amidating monooxygenase and its reflection in increased glycolate inhibitor potency. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7015-7018.	2.2	6
41	Cofactor promiscuity among F420-dependent reductases enables them to catalyse both oxidation and reduction of the same substrate. Catalysis Science and Technology, 2012, 2, 1560.	4.1	18
42	Incorporation of guanidine and ethylguanidine into thermosetting resins. Journal of Applied Polymer Science, 2012, 125, E372.	2.6	2
43	Substrateâ€Induced Conformational Change and Isomerase Activity of Dienelactone Hydrolase and its Siteâ€Specific Mutants. ChemBioChem, 2012, 13, 1645-1651.	2.6	9
44	Bacterial degradation of strobilurin fungicides: a role for a promiscuous methyl esterase activity of the subtilisin proteases?. Biocatalysis and Biotransformation, 2011, 29, 119-129.	2.0	25
45	Gas-phase ion-molecule reactions using regioselectively generated radical cations to model oxidative damage and probe radical sites in peptides. Organic and Biomolecular Chemistry, 2011, 9, 3733.	2.8	38
46	Cooperative Binding and Stabilization of the Medicinal Pigment Curcumin by Diamide Linked Î³-Cyclodextrin Dimers: A Spectroscopic Characterization. Journal of Physical Chemistry B, 2011, 115, 1268-1274.	2.6	62
47	Validation of the Distal Effect of Electron-Withdrawing Groups on the Stability of Peptide Enolates and Its Exploitation in the Controlled Stereochemical Inversion of Amino Acid Derivatives. Journal of Organic Chemistry, 2011, 76, 5907-5914.	3.2	9
48	Aggregation of Hydrophobic Substituents of Poly(acrylate)s and Their Competitive Complexation by Î²- and Î³-Cyclodextrins and Their Linked Dimers in Aqueous Solution. Industrial & Engineering Chemistry Research, 2011, 50, 7566-7571.	3.7	9
49	The Distal Effect of N-Electron-withdrawing Groups on the Stability of Peptide Carbon Radicals. Australian Journal of Chemistry, 2011, 64, 403.	0.9	8
50	Potent and selective inhibitors of human peptidylglycine Î±-amidating monooxygenase. MedChemComm, 2011, 2, 760.	3.4	8
51	Aggregation and Hostâ€“Guest Interactions in Dansyl-Substituted Poly(acrylate)s in the Presence of Î²-Cyclodextrin and a Î²-Cyclodextrin Dimer in Aqueous Solution: A UVâ€“Vis, Fluorescence, ¹H NMR, and Rheological Study. Macromolecules, 2011, 44, 9782-9791.	4.8	20
52	Hydrogen Abstraction by Chlorine Atom from Amino Acids: Remarkable Influence of Polar Effects on Regioselectivity. Journal of the American Chemical Society, 2011, 133, 16553-16559.	13.7	48
53	Incorporation of chlorinated analogues of aliphatic amino acids during cell-free protein synthesis. Chemical Communications, 2011, 47, 1839-1841.	4.1	14
54	Enzyme synthesis and activity assay in microfluidic droplets on a chip. Engineering in Life Sciences, 2011, 11, 157-164.	3.6	19

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55	Management of the diffusion of 4â€methylumbelliferone across phases in microdropletâ€based systems for in vitro protein evolution. Electrophoresis, 2010, 31, 3121-3128.	2.4	21
56	Tunable polymeric hydrogels assembled by competitive complexation between cyclodextrin dimers and adamantyl substituted poly(acrylate)s. AICHE Journal, 2010, 56, 3021-3024.	3.6	12
57	Synthesis of C6A-to-C6A and C3A-to-C3A diamide linked Î³-cyclodextrin dimers. Tetrahedron, 2010, 66, 2895-2898.	1.9	11
58	Supramolecular Chemistry of Pyronines B and Y, Î²-Cyclodextrin and Linked Î²-Cyclodextrin Dimers. Australian Journal of Chemistry, 2010, 63, 687.	0.9	1
59	The Distal Effect of Electron-Withdrawing Groups and Hydrogen Bonding on the Stability of Peptide Enolates. Journal of the American Chemical Society, 2010, 132, 5515-5521.	13.7	19
60	Peculiar Stability of Amino Acids and Peptides from a Radical Perspective. Journal of the American Chemical Society, 2009, 131, 11323-11325.	13.7	67
61	Hydrogen Abstraction by Chlorine Atom from Small Organic Molecules Containing Amino Acid Functionalities: An Assessment of Theoretical Procedures. Journal of Physical Chemistry A, 2009, 113, 11817-11832.	2.5	18
62	Dimerisation and complexation of 6-(4â€²-t-butylphenylamino)naphthalene-2-sulphonate by Î²-cyclodextrin and linked Î²-cyclodextrin dimers. Supramolecular Chemistry, 2009, 21, 510-519.	1.2	4
63	Characterization of the phenylurea hydrolases A and B: founding members of a novel amidohydrolase subgroup. Biochemical Journal, 2009, 418, 431-441.	3.7	54
64	1H NMR studies of enantioselective hostâ€“guest complexation by modified Î²-cyclodextrins and their europium(III) complexes. Tetrahedron: Asymmetry, 2008, 19, 167-175.	1.8	10
65	The foundation of a light driven molecular muscle based on stilbene and Î±-cyclodextrin. Chemical Communications, 2008, , 3980.	4.1	145
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73	Factors Affecting the Relative and Absolute Rates of Î²-Scission of Alkoxythiocarbonyl Radicals and Alkoxycarbonyl Radicals. Journal of Organic Chemistry, 2006, 71, 4996-4999.	3.2	19
74	Effect of Side Chains on Competing Pathways for Î²-Scission Reactions of Peptide-Backbone Alkoxyl Radicals. Journal of Physical Chemistry A, 2006, 110, 10316-10323.	2.5	19
75	Harnessing the Energy of Molecular Recognition in a Nanomachine Having a Photochemical On/Off Switch. Journal of the American Chemical Society, 2006, 128, 14750-14751.	13.7	41
76	Reversal of Regioselectivity and Enhancement of Rates of Nitrile Oxide Cycloadditions through Transient Attachment of Dipolarophiles to Cyclodextrins. Chemistry - A European Journal, 2006, 12, 8571-8580.	3.3	23
77	Centrosymmetric and Non-centrosymmetric Packing of Aligned Molecular Fibers in the Solid State Self Assemblies of Cyclodextrin-based Rotaxanes. Supramolecular Chemistry, 2006, 18, 529-536.	1.2	9
78	A Novel Î²-Oxa Polyunsaturated Fatty Acid Downregulates the Activation of the IÎºB Kinase/Nuclear Factor ÎºB Pathway, Inhibits Expression of Endothelial Cell Adhesion Molecules, and Depresses Inflammation. Circulation Research, 2006, 99, 34-41.	4.5	15
79	Synthesis of spiroisoxazolines through cycloadditions of nitrile oxides with 3-methylenequinuclidine. Arkivoc, 2006, 2006, 175-183.	0.5	1
80	Demonstration of co-polymerization in melamineâ€“ureaâ€“formaldehyde reactions using 15N NMR correlation spectroscopy. Polymer, 2005, 46, 2153-2156.	3.8	35
81	A Cyclodextrin Molecular Reactor for the Regioselective Synthesis of 1,5-disubstituted-1,2,3-triazoles. Supramolecular Chemistry, 2005, 17, 547-555.	1.2	22
82	Cyclodextrin-based catalysts and molecular reactors. Pure and Applied Chemistry, 2005, 77, 1865-1871.	1.9	38
83	Cyclodextrin and modified cyclodextrin complexes of E-4-tert-butylphenyl-4â€²-oxyazobenzene: UV-visible,1H NMR and ab initio studies. Organic and Biomolecular Chemistry, 2005, 3, 1481-1488.	2.8	16
84	Aminocyclodextrins to facilitate the deprotonation of 4-tert-butyl-Î±-nitrotoluene. Organic and Biomolecular Chemistry, 2005, 3, 2990.	2.8	3
85	Effect of Î²-cyclodextrin on the extraction of isoxazolines from aqueous ethanol into chloroform. Arkivoc, 2005, 2001, 35-43.	0.5	2
86	Stereocontrolled synthesis of deuterated phenylalanine derivatives through manipulation of an N-phthaloyl protecting group for the recall of stereochemistry. Application in the study of phenylalanine ammonia lyase. Arkivoc, 2005, 2001, 63-76.	0.5	0
87	Cyclodextrin Complexation of the Stilbene 4-(2-(4-Tert-butylphenyl)ethen-1-yl)- benzoate and the Self-assembly of Molecular Devices. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 13-18.	1.6	0
88	Cyclodextrin Molecular Reactors. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 19-24.	1.6	10
89	Cyclodextrin Complexation of the Stilbene 4-(2-(4-Tert-butylphenyl)ethen-1-yl)- benzoate and the Self-assembly of Molecular Devices. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 13-18.	1.6	2
90	Cyclodextrin Molecular Reactors. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 19-24.	1.6	21

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91	Molecular Reactors and Machines: Applications, Potential, and Limitations. Chemistry - A European Journal, 2004, 10, 3120-3128.	3.3	57
92	Cyclodextrin complexation of a stilbene and the self-assembly of a simple molecular deviceElectronic Supplementary Information (ESI) available: NMR spectra. See http://www.rsc.org/suppdata/ob/b3/b310519a/. Organic and Biomolecular Chemistry, 2004, 2, 337.	2.8	19
93	Intra- and intermolecular complexation in C(6) monoazacoronand substituted cyclodextrinsElectronic supplementary information (ESI) available: 1H 600 MHz 2D ROESY NMR spectra. See http://www.rsc.org/suppdata/ob/b3/b316450k/. Organic and Biomolecular Chemistry, 2004, 2, 1381.	2.8	8
94	Anchimeric Assistance in Hydrogen-Atom Transfer to Bromine. Australian Journal of Chemistry, 2004, 57, 651.	0.9	5
95	Inhibition of Peptidylglycine Î±-Amidating Monooxygenase by Exploitation of Factors Affecting the Stability and Ease of Formation of Glycyl Radicals. Journal of the American Chemical Society, 2004, 126, 13306-13311.	13.7	20
96	Diazacoronand-Linked Î±- and Î²-Cyclodextrin Dimer Complexes of the Brilliant Yellow Tetraanion. Australian Journal of Chemistry, 2004, 57, 571.	0.9	4
97	The Unusual Bifunctional Catalysis of Epimerization and Desaturation by Carbapenem Synthase. Journal of the American Chemical Society, 2004, 126, 9932-9933.	13.7	29
98	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2003, 46, 167-173.	1.6	10
99	Separated and Aligned Molecular Fibres in Solid State Self-Assemblies of Cyclodextrin[2]Rotaxanes. Chemistry - A European Journal, 2003, 9, 5971-5977.	3.3	28
100	Installation of a Ratchet Tooth and Pawl To Restrict Rotation in a Cyclodextrin Rotaxane. Chemistry - A European Journal, 2003, 9, 5978-5988.	3.3	60
101	A cyclodextrin-based molecular reactor to template the formation of indigoid dyes. Tetrahedron Letters, 2003, 44, 5815-5818.	1.4	11
102	Strategic use of amino acid N-substituents to limit Î±-carbon-centered radical formation and consequent loss of stereochemical integrity. Tetrahedron: Asymmetry, 2003, 14, 2919-2926.	1.8	21
103	Synthesis and activity of analogues of the isoleucyl tRNA synthetase inhibitor SB-203207. Bioorganic and Medicinal Chemistry, 2003, 11, 2687-2694.	3.0	14
104	Design of Radical-Resistant Amino Acid Residues:Â A Combined Theoretical and Experimental Investigation. Journal of the American Chemical Society, 2003, 125, 4119-4124.	13.7	86
105	Diazacoronand linked Î²-cyclodextrin dimer complexes of Brilliant Yellow tetraanion and their sodium(I) analoguesÎ²-Cyclodextrin = cyclomaltoheptaoseElectronic supplementary information (ESI) available: Molar absorbance and 2D NMR ROESY spectra of 1 and 2, and their complexes with 34â€“. See http://www.rsc.org/suppdata/ob/b2/b209759c/. Organic and Biomolecular Chemistry, 2003, 1, 887-894.	2.8	22
106	Allylic halogenation of unsaturated amino acids. Organic and Biomolecular Chemistry, 2003, 1, 2492-2498.	2.8	15
107	Effect of Cyclodextrins on Electrophilic Aromatic Bromination in Aqueous Solution. Australian Journal of Chemistry, 2003, 56, 1107.	0.9	18
108	Inhibition of Neutrophil Leukotriene B4 Production by a Novel Synthetic N-3 Polyunsaturated Fatty Acid Analogue, Î²-Oxa 21:3n-3. Journal of Immunology, 2003, 171, 4773-4779.	0.8	12

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109	Substituent effects in isoxazoles: identification of 4-substituted isoxazoles as Michael acceptors. Perkin Transactions II RSC, 2002, , 2031-2038.	1.1	9
110	Complexation by Î±- and Î²-cyclodextrinÎ±- and Î²-cyclodextrin = cyclomaltohexaose and cyclomaltoheptaose, respectively. C(6) linked homo- and hetero-dimers of Brilliant Yellow tetraanion: a study of hostâ€“guest size relationshipsElectronic supplementary information (ESI) available: Figs. S1â€“S4 with spectra. See http://www.rsc.org/suppdata/p2/b2/b200026c/. Perkin Transactions II RSC, 2002, , 947-952.	1.1	5
111	Metallocyclodextrin catalysts for hydrolysis of phosphate triesters. Tetrahedron Letters, 2002, 43, 7797-7800.	1.4	36
112	Metallocyclodextrin Catalysts for Hydrolysis of Phosphate Triesters.. ChemInform, 2002, 33, 37-37.	0.0	0
113	Electrochemical and yeast-catalysed ring-opening of isoxazoles in the synthesis of analogues of the herbicide Graspâ€ŠÂ®. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1168-1174.	1.3	25
114	Synthesis of the chelator lipid nitrilotriacetic acid ditetradecylamine (NTA-DTDA) and its use with the IAsys biosensor to study receptorâ€“ligand interactions on model membranes. Biochimica Et Biophysica Acta - Biomembranes, 2001, 1513, 131-148.	2.6	25
115	Cyclodextrins to limit substrate inhibition and alter substrate selectivity displayed by enzymes. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 584-587.	1.3	8
116	Size discrimination in intramolecular complexation of modified Î±-cyclodextrins:Î±-Cyclodextrin = cyclomaltohexaose. a preparative and nuclear magnetic resonance studyElectronic supplementary information (ESI) available: ROESY spectra of 4â€², 5, 1â€², 3 and 1. See http://www.rsc.org/suppdata/p1/b1/b107324a/. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 3361-3364.	1.3	0
117	Selective adsorption of nitro-substituted aromatics and accelerated hydrolysis of 4-nitrophenyl acetate on carbon surfaces. New Journal of Chemistry, 2001, 25, 887-889.	2.8	11
118	Title is missing!. Chemical Communications, 2001, , 2210-2211.	4.1	16
119	A Preparative and Solution Study of a Modified b-Cyclodextrin and its Europium(III) Complex, and their Interactions with Racemic Amino Acid Anions. Australian Journal of Chemistry, 2001, 54, 535.	0.9	13
120	Oxidation of oxa and thia fatty acids and related compounds catalysed by 5- and 15-lipoxygenase. Bioorganic and Medicinal Chemistry, 2001, 9, 317-322.	3.0	7
121	An Hermaphrodite [2]Rotaxane:â€‰ Preparation and Analysis of Structure. Organic Letters, 2001, 3, 1041-1044.	4.6	58
122	Polyunsaturated Nitroalkanes and Nitro-Substituted Fatty Acids. Synthesis, 2001, 2001, 0451-0457.	2.3	16
123	Analogues of SB-203207 as inhibitors of tRNA synthetases. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 2263-2266.	2.2	72
124	Molecular Recognition on Crystallization of Enantiopure and Racemic N-Benzoylalanine Methyl Ester. Australian Journal of Chemistry, 2000, 53, 551.	0.9	0
125	Î²-Scission of C-3 (Î²-Carbon) Alkoxyl Radicals on Peptides and Proteins:â€‰ A Novel Pathway Which Results in the Formation of Î±-Carbon Radicals and the Loss of Amino Acid Side Chains. Chemical Research in Toxicology, 2000, 13, 1087-1095.	3.3	57
126	Intramolecular complexation in modified Î²-cyclodextrins:â€ a preparative, nuclear magnetic resonance and pH titration study. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 1251-1258.	1.3	9

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127	Square pegs in round holes. Preparation and intramolecular complexation of cubyl substituted Î²-cyclodextrinsâ€Šâ€ and of an adamantane analogue. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 463-469.	1.3	14
128	Mechanism of hydrogen atom transfer in the photolytic rearrangement of N-bromophenylalaninamide derivatives. Perkin Transactions II RSC, 2000, , 693-697.	1.1	0
129	Site-directed mutagenesis of dienelactone hydrolase produces dienelactone isomerase. Chemical Communications, 2000, , 671-672.	4.1	5
130	Title is missing!. Australian Journal of Chemistry, 2000, 53, 149.	0.9	8
131	Metallo-Î²-cyclodextrins of 6A-(2-(2-(2-Aminoethylamino)-ethylamino)ethylamino)-6A-deoxy-Î²-cyclodextrin and 6A-Deoxy-6A-(1,4,7,10-tetraazacyclododecan-1-yl)-Î²-cyclodextrin: Their Formation and Complexation of (R)- and (S)-Tryptophan and Tryptophanate in Aqueous Solution. Australian Journal of Chemistry, 2000, 53, 375.	0.9	6
132	Complexes of 6A-(2-Aminoethylamino)-6A-deoxy-b-cyclodextrin and 6A-[Bis(carboxylatomethyl)amino]-6A-deoxy-b-cyclodextrin with (R)- and (S)-Tryptophanate and (R)- and (S)-Phenylalaninate in Aqueous Solution. A pH Titrimetric and N.M.R. Spectroscopic Study. Australian Journal of Chemistry, 1999, 52, 1143.	0.9	7
133	Î²-Nitro-Î±-amino acids as latent Î±,Î²-dehydro-Î±-amino acid residues in peptides. Tetrahedron Letters, 1999, 40, 4745-4748.	1.4	16
134	Deacylation of 4-nitrophenyl acetate by 6A-(Ï‰-aminoalkyl)amino-6A-deoxy-Î²-cyclodextrinsâ€Šâ€. Journal of the Chemical Society Perkin Transactions II, 1999, , 1711-1718.	0.9	1
135	Hostâ€“guest complexation of aromatic carboxylic acids and their conjugate bases by 6A-(Ï‰-aminoalkylamino)-6A-deoxy-Î²-cyclodextrinsâ€Šâ€ in aqueous solution. Journal of the Chemical Society Perkin Transactions II, 1999, , 1257-1264.	0.9	6
136	A one-pot three-component synthesis of Î²-nitro-Î±-amino acids and their N-alkyl derivatives. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2659-2660.	0.9	7
137	Synthesis and conformational analysis of an Î±-cyclodextrin [2]-rotaxane. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2501-2506.	0.9	24
138	Î±-Benzoyloxy- and Î±-Methoxy-Substituted Glycine Derivatives as Atypical Substrates for Free-Radical Reactions With Stannanes. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 150, 157-166.	1.6	1
139	Host-Guest Complexation of Aromatic Carboxylic Acids and their Conjugate Bases by Î²-Cyclodextrins Monosubstituted at C 6 by Linear and Cyclic Alkyl Triamines in Aqueous Solution. Australian Journal of Chemistry, 1999, 52, 1157.	0.9	6
140	Metallocyclodextrins of 6A-(2-Aminoethylamino)-6A-deoxy-ß-cyclodextrin: Their Formation and Complexation of (R)- and (S)-Tryptophanate in Aqueous Solution. Australian Journal of Chemistry, 1999, 52, 1151.	0.9	10
141	Modified Cyclodextrins. , 1999, , .		193
142	Î²-Cyclodextrins as Molecular Scaffolds to Reverse the Regioselectivity of Nitrile Oxide Cycloadditions. , 1999, , 609-612.		0
143	Cyclodextrins as Molecular Templates. , 1999, , 541-543.		0
144	Synthesis of polyunsaturated Î²-thia and Î³-thia fatty acids from naturally derived polyunsaturated fatty alcohols and in vitro evaluation of their susceptibility to Î²-oxidation. Chemistry and Physics of Lipids, 1998, 92, 63-69.	3.2	6

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145	Acylase I catalysed hydrolysis of para-substituted(S)-phenylalanine derivatives from mixtures of the racemic ortho- and para-substituted isomers. Tetrahedron Letters, 1998, 39, 5269-5272.	1.4	7
146	Synthesis of hydroperoxide and perketal derivatives of polyunsaturated fatty acids as potential antimalarial agents. Tetrahedron Letters, 1998, 39, 4401-4404.	1.4	8
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