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	Free-Radical Reactions in the Synthesis of Î±-Amino Acids and Derivatives. Chemical Reviews, 1997, 97, 53-82.	47.7	243
2	Some guidelines for radical reactions. Journal of the Chemical Society Chemical Communications, 1980, , 482.	2.0	197
3	Modified Cyclodextrins. , 1999, , .		193
4	The foundation of a light driven molecular muscle based on stilbene and Î±-cyclodextrin. Chemical Communications, 2008, , 3980.	4.1	145
5	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
6	Biocatalysis for the application of CO₂ as a chemical feedstock. Beilstein Journal of Organic Chemistry, 2015, 11, 2370-2387.	2.2	84
7	Selective reaction of glycine residues in hydrogen atom transfer from amino acid derivatives. Journal of the American Chemical Society, 1989, 111, 1047-1052.	13.7	76
8	Substituent effects and chiral discrimination in the complexation of benzoic, 4-methylbenzoic and (RS)-2-phenylpropanoic acids and their conjugate bases by Î²-cyclodextrin and 6A-amino-6A-deoxy-Î²-cyclodextrin in aqueous solution: potentiometric titration and1H nuclear magnetic resonance spectroscopic study. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 1035-1040.	1.7	76
9	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
10	The evolution of multiple active site configurations in a designed enzyme. Nature Communications, 2018, 9, 3900.	12.8	75
11	Analogues of SB-203207 as inhibitors of tRNA synthetases. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 2263-2266.	2.2	72
12	Selective modification of glycine residues in dipeptides. Tetrahedron Letters, 1988, 29, 1565-1568.	1.4	71
13	Peculiar Stability of Amino Acids and Peptides from a Radical Perspective. Journal of the American Chemical Society, 2009, 131, 11323-11325.	13.7	67
14	Inhibition of the RTEM .beta.-lactamase from Escherichia coli. Interaction of the enzyme with derivatives of olivanic acid. Biochemistry, 1982, 21, 2857-2862.	2.5	65
15	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
16	Cycloaddition Reactions of Nitrile Oxides with Alkenes. Advances in Heterocyclic Chemistry, 1994, , 261-327.	1.7	60
17	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
18	An Hermaphrodite [2]Rotaxane:â€‰ Preparation and Analysis of Structure. Organic Letters, 2001, 3, 1041-1044.	4.6	58

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19	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
20	Molecular Reactors and Machines: Applications, Potential, and Limitations. Chemistry - A European Journal, 2004, 10, 3120-3128.	3.3	57
21	Characterization of the phenylurea hydrolases A and B: founding members of a novel amidohydrolase subgroup. Biochemical Journal, 2009, 418, 431-441.	3.7	54
22	Preparation and characterization of 6A-polyamine-mono-substituted Î²-cyclodextrins. Journal of the Chemical Society Perkin Transactions 1, 1997, , 3157-3160.	0.9	52
23	Gas-phase regiocontrolled generation of charged amino acid and peptide radicals. Chemical Communications, 2006, , 4233.	4.1	52
24	Formate production through carbon dioxide hydrogenation with recombinant whole cell biocatalysts. Bioresource Technology, 2014, 164, 7-11.	9.6	52
25	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
26	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
27	Stereocontrolled synthesis of Î²-hydroxyphenylalanine and Î²-hydroxytyrosine derivatives. Tetrahedron, 1994, 50, 7327-7340.	1.9	45
28	Formation of Metallo-6A-((2-(bis(2-aminoethyl)amino)ethyl)amino)-6A-deoxy-Î²-cyclodextrins and Their Complexation of Tryptophan in Aqueous Solution. Inorganic Chemistry, 1996, 35, 1059-1064.	4.0	41
29	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
30	Regioselective functionalization of N-phthaloyl-substituted amino acid and peptide derivatives. Journal of Organic Chemistry, 1991, 56, 5614-5618.	3.2	38
31	Cyclodextrin-based catalysts and molecular reactors. Pure and Applied Chemistry, 2005, 77, 1865-1871.	1.9	38
32	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
33	Chiral molecular recognition: a19F nuclear magnetic resonance study of the diastereoisomer inclusion complexes formed between fluorinated amino acid derivatives and Î±-cyclodextrin in aqueous solution. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 2699-2703.	1.7	36
34	Cooperative Binding of 6-(p-Toluidinyl)naphthalene-2-sulfonate by Î²-Cyclodextrin Dimers. The Journal of Physical Chemistry, 1996, 100, 14457-14461.	2.9	36
35	Metallocyclodextrin catalysts for hydrolysis of phosphate triesters. Tetrahedron Letters, 2002, 43, 7797-7800.	1.4	36
36	Preferential reactivity of glycine residues in free radical reactions of amino acid derivatives. Journal of the Chemical Society Chemical Communications, 1986, , 55.	2.0	35

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37	Reversal of regiochemistry in the synthesis of isoxazoles by nitrile oxide cycloadditions. Tetrahedron Letters, 1994, 35, 3589-3592.	1.4	35
38	Demonstration of co-polymerization in melamineâ€“ureaâ€“formaldehyde reactions using 15N NMR correlation spectroscopy. Polymer, 2005, 46, 2153-2156.	3.8	35
39	Homolytic allyl transfer reactions of 1- and 3-alkyl-substituted allyltributylstannanes. Journal of Organic Chemistry, 1990, 55, 384-386.	3.2	32
40	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
41	Metallocyclodextrins of 6A-(3-aminopropylamino)-6A-deoxy-Î²-cyclodextrin: their formation and enantioselective complexation of (R)- and (S)-tryptophan anions in aqueous solution. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 739-743.	1.7	31
42	Complexation of phenylalanine and histidine byÎ²-cyclodextrin, 6A-(3-aminopropylamino)-6A-deoxy-Î²-cyclodextrin and its metallocyclodextrins in aqueous solution. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 1013-1018.	1.7	30
43	The Unusual Bifunctional Catalysis of Epimerization and Desaturation by Carbapenem Synthase. Journal of the American Chemical Society, 2004, 126, 9932-9933.	13.7	29
44	Synthesis of homochiral hydroxy-Î±-amino acid derivatives. Tetrahedron Letters, 1990, 31, 7059-7062.	1.4	28
45	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
46	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
47	Tryptophan anion complexes of Î²-cyclodextrin (cyclomaltaheptaose), an aminopropylamino-Î²-cyclodextrin and its enantioselective nickel(II) complex. Journal of the Chemical Society Chemical Communications, 1994, , 47-47.	2.0	26
48	Exploiting the 1,3-dithiane of 2-oxopropanenitrile oxide to limit competing dimerization in 1,3-dipolar cycloaddition reactions. Tetrahedron Letters, 1997, 38, 2175-2178.	1.4	26
49	ATP Recycling with Cell Lysate for Enzyme-Catalyzed Chemical Synthesis, Protein Expression and PCR. ACS Chemical Biology, 2016, 11, 3289-3293.	3.4	26
50	Î²-Cyclodextrin as a Scaffold for Supramolecular Chemistry, To Reverse the Regioselectivity of Nitrile Oxide Cycloadditions. Journal of Organic Chemistry, 1998, 63, 9069-9075.	3.2	25
51	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
52	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
53	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
54	Complexation of Methyl Orange and Tropaeolin 000 No. 2 by Î²-cyclodextrin dimers. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 279-282.	1.7	24

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55	Glycine-selective Î±-carbon-nitrogen bond cleavage of dipeptides by nickel peroxide. Tetrahedron, 1997, 53, 5609-5616.	1.9	24
56	Synthesis and conformational analysis of an Î±-cyclodextrin [2]-rotaxane. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2501-2506.	0.9	24
57	Analytically confirmed recreational use of Phenibut (Î²-phenyl-Î³-aminobutyric acid) bought over the internet. Clinical Toxicology, 2015, 53, 783-784.	1.9	24
58	4-Alkoxycarbonyl- and Aminocarbonyl-Substituted Isoxazoles as Masked Acrylates and Acrylamides in the Asymmetric Synthesis of Î”2-Isoxazolines. Journal of Organic Chemistry, 2006, 71, 3221-3231.	3.2	23
59	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
60	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
61	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
62	Neighbouring group effects promote substitution reactions over elimination and provide a stereocontrolled route to chloramphenicol. Tetrahedron, 1996, 52, 7025-7036.	1.9	21
63	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
64	Cyclodextrin Molecular Reactors. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 19-24.	1.6	21
65	Synthesis of Î±-cyclodextrin [2]-rotaxanes using chlorotriazine capping reagents. Organic and Biomolecular Chemistry, 2008, 6, 1814.	2.8	21
66	Management of the diffusion of 4â€²methylumbelliferone across phases in microdropletâ€based systems for in vitro protein evolution. Electrophoresis, 2010, 31, 3121-3128.	2.4	21
67	Formate production through biocatalysis. Bioengineered, 2013, 4, 348-350.	3.2	21
68	Outcome-Changing Effect of Polarity Reversal in Hydrogen-Atom-Abstraction Reactions. Journal of Physical Chemistry A, 2015, 119, 3843-3847.	2.5	21
69	A new Î±-haloglycine template for the asymmetric synthesis of amino acid derivatives. Tetrahedron: Asymmetry, 1993, 4, 197-200.	1.8	20
70	Synthesis of side-chain functionalized amino acid derivatives through reaction of alkyl nitronates with Î±-bromoglycine derivatives. Tetrahedron, 1995, 51, 7809-7822.	1.9	20
71	Aryl nitrile oxide cycloaddition reactions in the presence of baker's yeast and Î²-cyclodextrin. Tetrahedron Letters, 1995, 36, 629-632.	1.4	20
72	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

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73	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
74	A Versatile Synthesis of Linked Cyclodextrins. Australian Journal of Chemistry, 1997, 50, 9.	0.9	20
75	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
76	Synthesis of NTA3-DTDA â€" A Chelator-Lipid that Promotes Stable Binding of His-Tagged Proteins to Membranes. Australian Journal of Chemistry, 2006, 59, 302.	0.9	19
77	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
78	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
79	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
80	Enzyme synthesis and activity assay in microfluidic droplets on a chip. Engineering in Life Sciences, 2011, 11, 157-164.	3.6	19
81	Synthesis of very long chain fatty acid methyl esters. Journal of the Chemical Society Perkin Transactions 1, 1993, , 1183.	0.9	18
82	Recent Developments in the Use of N-Phthaloyl-Amino Acid Derivatives in Synthesis. Synlett, 1998, 1998, 457-466.	1.8	18
83	Effect of Cyclodextrins on Electrophilic Aromatic Bromination in Aqueous Solution. Australian Journal of Chemistry, 2003, 56, 1107.	0.9	18
84	Molecular Fibers and Wires in Solid-State and Solution Self-Assemblies of Cyclodextrin [2]Rotaxanes. Organic Letters, 2008, 10, 1885-1888.	4.6	18
85	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
86	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
87	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
88	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
89	A cyclodextrin to reverse the regioselectivity of nitrile oxide cycloaddition to a terminal alkene. Chemical Communications, 1997, , 1517-1518.	4.1	17
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91	Regioselective formation of amidocarboxy-substituted free radicals. Journal of the Chemical Society Perkin Transactions 1, 1988, , 265.	0.9	16
92	Acyloxylation at the 4-position of azetidin-2-ones. Journal of the Chemical Society Perkin Transactions 1, 1990, , 277.	0.9	16
93	Anchimeric Assistance in Hydrogen Atom Transfer Reactions on the Side Chains of Amino Acid Derivatives. Journal of the American Chemical Society, 1996, 118, 3035-3036.	13.7	16
94	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
95	Title is missing!. Chemical Communications, 2001, , 2210-2211.	4.1	16
96	Polyunsaturated Nitroalkanes and Nitro-Substituted Fatty Acids. Synthesis, 2001, 2001, 0451-0457.	2.3	16
97	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
98	Hydrogen from Formic Acid via Its Selective Disproportionation over Nanodomain-Modified Zeolites. ACS Catalysis, 2015, 5, 4353-4362.	11.2	16
99	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
100	Effect of Hydrogen Bonding and Partial Deprotonation on the Oxidation of Peptides. Journal of Physical Chemistry A, 2018, 122, 1741-1746.	2.5	16
101	Formation of Î²-lactams from 3-phenylthiopropionamide derivatives. Tetrahedron, 1983, 39, 3995-4001.	1.9	15
102	Direct introduction of a benzoyloxy substituent at the C-4 position of Î²-lactams. Tetrahedron Letters, 1986, 27, 2315-2318.	1.4	15
103	Allylic halogenation of unsaturated amino acids. Organic and Biomolecular Chemistry, 2003, 1, 2492-2498.	2.8	15
104	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
105	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
106	Crystal and molecular structure of N-ethyl-1,8-naphthalimide. Zeitschrift FÃ¼r Kristallographie, 1992, 199, 249-254.	1.1	14
107	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
108	Synthesis and activity of analogues of the isoleucyl tRNA synthetase inhibitor SB-203207. Bioorganic and Medicinal Chemistry, 2003, 11, 2687-2694.	3.0	14

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109	Incorporation of chlorinated analogues of aliphatic amino acids during cell-free protein synthesis. Chemical Communications, 2011, 47, 1839-1841.	4.1	14
110	Selective Î³-hydrogen atom abstraction in reactions of N-acetylamino acids and N-alkylacetamides with titanous ion and hydrogen peroxide. Tetrahedron Letters, 1987, 28, 2747-2750.	1.4	13
111	A new synthesis of cyclodextrin dimers. Journal of the Chemical Society Perkin Transactions 1, 1990, , 2619.	0.9	13
112	Nitrate esters in the generation of amino acid radicals. Journal of the Chemical Society Perkin Transactions II, 1997, , 503-508.	0.9	13
113	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
114	Aromatic chlorination of Ï‰-phenylalkylamines and Ï‰-phenylalkylamides in carbon tetrachloride and Î±,Î±,Î±-trifluorotoluene. Organic and Biomolecular Chemistry, 2006, 4, 2716-2723.	2.8	13
115	Bromination of N-phthaloylamino acid derivatives. Journal of the Chemical Society Chemical Communications, 1989, , 385.	2.0	12
116	Chiral differentiation in the deacylation of 6A-O-{2-[4-(2-methylpropyl)phenyl]propanoyl}-Î²-cyclodextrin. Journal of the Chemical Society Chemical Communications, 1991, .	2.0	12
117	N-Methylation of carbamate derivatives of Î±-amino acids. Journal of the Chemical Society Chemical Communications, 1991, , 1475-1476.	2.0	12
118	Nickel peroxide as a glycine-selective chemical model of peptidylglycine Î±-amidating monooxygenase. Journal of the Chemical Society Chemical Communications, 1992, , 1295-1296.	2.0	12
119	Synthesis of each stereoisomer of [3-2H1]phenylalanine and evaluation of the stereochemical course of the reaction of (R)-phenylalanine with (S)-phenylalanine ammonia-lyase. Journal of the Chemical Society Perkin Transactions 1, 1994, , 3545.	0.9	12
120	Synthesis of Polyunsaturated Î²-Oxa Fatty Acids via Rhodium Mediated Carbenoid Insertion. Synthesis, 1997, 1997, 1240-1242.	2.3	12
121	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
122	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
123	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
124	Rearrangement of an isothiazolidinone to a Î²-lactam. A model for penicillin biosynthesis. Journal of the Chemical Society Chemical Communications, 1983, , 1349-1350.	2.0	11
125	Yeast-catalysed reductive ring-opening of isoxazoles. Journal of the Chemical Society Chemical Communications, 1994, , 2035-2035.	2.0	11
126	Functionalisation of pyrrolidin-2-ones at C4 and C5. Tetrahedron, 1995, 51, 12781-12790.	1.9	11

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127	Synthesis of (R)- and (Sâ€Š)-2,3-methanovaline as the hydrochloride salts, through manipulation of the N-phthaloyl group of an (Sâ€Š)-leucine derivative for the recall of stereochemistry. Journal of the Chemical Society Perkin Transactions 1, 1998, , 3725-3730.	0.9	11
128	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
129	A cyclodextrin-based molecular reactor to template the formation of indigoid dyes. Tetrahedron Letters, 2003, 44, 5815-5818.	1.4	11
130	Synthesis of C6A-to-C6A and C3A-to-C3A diamide linked Î³-cyclodextrin dimers. Tetrahedron, 2010, 66, 2895-2898.	1.9	11
131	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
132	Impact of Hydrogen Bonding on the Susceptibility of Peptides to Oxidation. Chemistry - an Asian Journal, 2017, 12, 1485-1489.	3.3	11
133	Reactions of Î±-substituted glycine derivatives with stannanes. Tetrahedron Letters, 1992, 33, 5581-5584.	1.4	10
134	Stereoselective synthesis of (2S,3S)-Î³-hydroxyvaline utilising an asymmetric radical hydrogen bromide addition. Tetrahedron, 1997, 53, 1151-1156.	1.9	10
135	N,Nâ€²-Bis(6A-deoxy-Î²-cyclodextrin-6A-yl)urea as a molecular template in the formation of indigoid dyes. New Journal of Chemistry, 1998, 22, 1163-1165.	2.8	10
136	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
137	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2003, 46, 167-173.	1.6	10
138	Cyclodextrin Molecular Reactors. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 19-24.	1.6	10
139	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
140	Complementary Diastereoselectivity in the Synthesis and Hydrolysis of Acylated Cyclodextrins. Chemistry Letters, 1994, 23, 1153-1156.	1.3	9
141	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
142	Substituent effects in isoxazoles: identification of 4-substituted isoxazoles as Michael acceptors. Perkin Transactions II RSC, 2002, , 2031-2038.	1.1	9
143	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
144	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

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145	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
146	Substrateâ€Induced Conformational Change and Isomerase Activity of Dienelactone Hydrolase and its Siteâ€Specific Mutants. ChemBioChem, 2012, 13, 1645-1651.	2.6	9
147	Hyperthermophilic Carbamate Kinase Stability and Anabolic In Vitro Activity at Alkaline pH. Applied and Environmental Microbiology, 2018, 84, .	3.1	9
148	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
149	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
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