

Anthony I Day

List of Publications by Year in descending order

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186209

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all docs

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times ranked

2174
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#	ARTICLE	IF	CITATIONS
1	Controlling Factors in the Synthesis of Cucurbituril and Its Homologues. <i>Journal of Organic Chemistry</i> , 2001, 66, 8094-8100.	1.7	927
2	A Cucurbituril-Based Gyroscane: A New Supramolecular Form This research was supported by the Australian Research Council and the University of New South Wales. G.R.L. acknowledges the award of a Royal Society Fellowship tenable in Australia.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 275.	7.2	490
3	Toxicity of cucurbit[7]uril and cucurbit[8]uril: an exploratory in vitro and in vivo study. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2037.	1.5	342
4	Cucurbit[n]uril binding of platinum anticancer complexes. <i>Dalton Transactions</i> , 2006, , 451-458.	1.6	168
5	Multi-nuclear platinum complexes encapsulated in cucurbit[n]uril as an approach to reduce toxicity in cancer treatment. <i>Chemical Communications</i> , 2004, , 1424.	2.2	144
6	Host Properties of Cucurbit[7]uril: Fluorescence Enhancement of Anilinonaphthalene Sulfonates. <i>Journal of Physical Chemistry B</i> , 2003, 107, 10741-10746.	1.2	128
7	A Method for Synthesizing Partially Substituted Cucurbit[n]uril. <i>Molecules</i> , 2003, 8, 74-84.	1.7	111
8	Solubilisation and cytotoxicity of albendazole encapsulated in cucurbit[n]uril. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4509.	1.5	104
9	Cucurbit[7]uril and o-Carborane Self-Assemble to Form a Molecular Ball Bearing. <i>Nano Letters</i> , 2002, 2, 147-149.	4.5	87
10	Locating the Cyclopentano Cousins of the Cucurbit[n]uril Family. <i>Journal of Organic Chemistry</i> , 2012, 77, 606-611.	1.7	87
11	Encapsulation of platinum(II)-based DNA intercalators within cucurbit[6,7,8]urils. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 969-979.	1.1	84
12	Supramolecular Bracelets and Interlocking Rings Elaborated Through the Interrelationship of Neighboring Chemical Environments of Alkyl-Substitution on Cucurbit[5]uril. <i>Crystal Growth and Design</i> , 2008, 8, 3446-3450.	1.4	73
13	Organometallic compounds in organic synthesis—XI. <i>Tetrahedron</i> , 1981, 37, 289-302.	1.0	67
14	Cucurbituril binding of trans- $\{PtCl(NH_3)_2\}_2(\mu-NH_2(CH_2)_8NH_2)_2$ and the effect on the reaction with cysteine. <i>Dalton Transactions</i> , 2006, , 5337-5344.	1.6	63
15	Stable cucurbit[5]uril MOF structures as "beaded" rings built on a p-hydroxybenzoic acid template—a small molecule absorption material. <i>CrystEngComm</i> , 2011, 13, 5049.	1.3	63
16	Protein binding by dinuclear polypyridyl ruthenium(II) complexes and the effect of cucurbit[10]uril encapsulation. <i>Dalton Transactions</i> , 2013, 42, 8868.	1.6	58
17	Preparation of glycoluril monomers for expanded cucurbit[n]uril synthesis. <i>Tetrahedron</i> , 2003, 59, 1961-1970.	1.0	56
18	Inclusion complexes of the antitumour metallocenes Cp ₂ MCl ₂ (M = Mo, Ti) with cucurbit[n]urils. <i>Dalton Transactions</i> , 2008, , 2328.	1.6	49

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19	Cucurbit[10]uril binding of dinuclear platinum(II) and ruthenium(II) complexes: association/dissociation rates from seconds to hours. Dalton Transactions, 2010, 39, 2078.	1.6	47
20	Enhanced cytotoxicity of benzimidazole carbamate derivatives and solubilisation by encapsulation in cucurbit[n]uril. Organic and Biomolecular Chemistry, 2010, 8, 3328.	1.5	45
21	Opposing substitution in cucurbit[6]urils forms ellipsoid cavities: the symmetrical dicyclohexanocucurbit[6]uril is no exception highlighted by inclusion and exclusion complexes. Supramolecular Chemistry, 2008, 20, 709-716.	1.5	39
22	Synthesis, cytotoxicity and cucurbituril binding of triamine linked dinuclear platinum complexes. Dalton Transactions, 2009, , 5190.	1.6	35
23	Investigation of Host-Guest Compounds of Cucurbit[n=5-8]uril with Some Ortho Aminopyridines and Bispyridine. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2005, 52, 101-107.	1.6	32
24	Probing the pharmacokinetics of cucurbit[7, 8 and 10]uril: and a dinuclear ruthenium antimicrobial complex encapsulated in cucurbit[10]uril. Organic and Biomolecular Chemistry, 2017, 15, 4172-4179.	1.5	32
25	The Effects of Alkali Metal Cations on Product Distributions in Cucurbit[n]uril Synthesis. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2002, 43, 247-250.	1.6	31
26	Encapsulation of Mitoxantrone within Cucurbit[8]uril Decreases Toxicity and Enhances Survival in a Mouse Model of Cancer. ACS Medicinal Chemistry Letters, 2017, 8, 538-542.	1.3	30
27	Cucurbituril: Chiral Applications. Chirality, 2014, 26, 712-723.	1.3	29
28	Iridium Cyclometalated Complexes in Host-Guest Chemistry: A Strategy for Maximizing Quantum Yield in Aqueous Media. Inorganic Chemistry, 2016, 55, 6759-6769.	1.9	29
29	Electrochemical remediation produces a new high-nitrogen compound from NTO wastewaters. Journal of Hazardous Materials, 2007, 149, 527-531.	6.5	26
30	Strong enhancement of luminescence from an iridium polypyridyl complex via encapsulation in cucurbituril. Dalton Transactions, 2013, 42, 16478.	1.6	23
31	Electrochemical Method Applicable to Treatment of Wastewater from Nitrotriazolone Production. Environmental Science & Technology, 2009, 43, 1993-1998.	4.6	22
32	Acyclic Cucurbit[<i>n</i>]uril-Type Molecular Containers: Influence of Linker Length on Their Function as Solubilizing Agents. ChemMedChem, 2016, 11, 980-989.	1.6	22
33	Electrochemical reduction of nitrotriazoles in aqueous media as an approach to the synthesis of new green energetic materials. New Journal of Chemistry, 2011, 35, 2894.	1.4	20
34	The Inheritance Angle: A Determinant for the Number of Members in the Substituted Cucurbit[<i>n</i>]uril Family. Organic Letters, 2017, 19, 4034-4037.	2.4	19
35	Facile C-H Bond Activation: Synthesis of the N4C Donor Set Pentadentate Ligand 1,4-Bis(2-pyridylmethyl)-1,4-diazacyclononane (dmpdacn) and a Structural Study of Its Alkyl-Cobalt(III) Complex [Co(dmpdacn-C)(OH ₂)](ClO ₄) ₂ ·H ₂ O and Its Hydroxylated Derivative [Co(dmpdacnOH-O)Cl](ClO ₄) ₂ ·C ₃ H ₆ O. Inorganic Chemistry, 2005, 44, 452-460.	1.9	18
36	The first endoannular metal halide-cucurbituril: cis-SnCl ₄ (OH ₂) ₂ @cucurbit[7]uril. CrystEngComm, 2001, 3, 230-236.	1.3	17

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37	Title is missing!. Australian Journal of Chemistry, 2001, 54, 141.	0.5	15
38	Fe(OTf) ₃ versus Bi(OTf) ₃ as Mild Catalysts in Epoxide Oxidative Ring-Opening, Urea 1,2-Diketone Condensation, and Glycoluril Diether Synthesis. Organic Letters, 2014, 16, 1275-1277.	2.4	15
39	The influence of equatorial substitution and K ⁺ ion concentration: an encapsulation study of CH ₄ , CH ₃ F, CH ₃ Cl, CH ₂ F ₂ and CF ₄ , in Q[5], CyP5Q[5] and a CyP5Q[5]-carboxylate derivative. Supramolecular Chemistry, 2014, 26, 670-676.	1.5	14
40	Cinnamaldehyde@cucurbituril complex: investigation of loading efficiency and its role in enhancing cinnamaldehyde <i>in vitro</i> anti-tumor activity. RSC Advances, 2022, 12, 7540-7549.	1.7	14
41	Photophysical Activity and Host-Guest Behavior of Ruthenium Polypyridyl Catalysts Encapsulated in Cucurbit[10]uril. Inorganic Chemistry, 2020, 59, 9135-9142.	1.9	13
42	Molecular Snuggle and Stretch of a Tetraammonium Chain in the Construction of a Hetero-[4]pseudorotaxane with CyclopentanoQ[6] and Classical Q[7]. Journal of Organic Chemistry, 2017, 82, 5507-5515.	1.7	12
43	Interaction of the Large Host Q[10] with Metal Polypyridyl Complexes: Binding Modes and Effects on Luminescence. Inorganic Chemistry, 2020, 59, 3942-3953.	1.9	10
44	Regiospecific synthesis of bis(quinone monoacetals) and their annelation to give bisanthraquinones. Journal of the Chemical Society Chemical Communications, 1987, , 1631.	2.0	9
45	Supramolecular assemblies and modes of binding of the 1,6-hexanedipyridinium ion and the HCl salt of N,N'-bis(3-pyridylmethyl)-diaminoethane, with the symmetrically substituted tetramethylcucurbit[6]uril. Supramolecular Chemistry, 2010, 22, 194-201.	1.5	9
46	Bi(OTf) ₃ a mild catalyst for the synthesis of difficult to obtain C-alkyl substituted glycolurils. Tetrahedron, 2013, 69, 9957-9965.	1.0	9
47	Eukaryotic Cell Toxicity and HSA Binding of [Ru(Me ₄ phen)(bb7)] ²⁺ and the Effect of Encapsulation in Cucurbit[10]uril. Frontiers in Chemistry, 2018, 6, 595.	1.8	9
48	Substituted cucurbit[n]uril rings, catenanes and channels. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 71, 281-286.	1.6	8
49	Glycoluril derived cucurbituril analogues and the emergence of the most recent example: tiarauril. Chemical Communications, 2020, 56, 2529-2537.	2.2	8
50	Cyclic Pentanone Peroxide: Sensitiveness and Suitability as a Model for Triacetone Triperoxide. Journal of Forensic Sciences, 2014, 59, 936-942.	0.9	6
51	The first structurally characterised perchlorato-cobalt(III) complexes, involving the C-bonded macrobicyclic ligand 1,4,8,11-tetraazabicyclo[9.5.2]octadecane. Electronic supplementary information (ESI) available: 1H DQCOY spectrum of sym-syn-[Co(L-C)(OCIO ₃)]ClO ₄ in Me ₂ SO-d ₆ . See http://www.rsc.org/suppdata/cc/b3/b305182il . Chemical Communications, 2003, , 2386.	2.2	5
52	Modelling the luminescence of iridium cyclometalated complexes encapsulated in cucurbituril. Analyst, The, 2018, 143, 519-527.	1.7	4
53	Tiara[n]uril: A Glycoluril-Based Macrocyclic Host with Cationic Walls. Journal of Organic Chemistry, 2019, 84, 3826-3831.	1.7	4
54	Rapid degradation of cyclic peroxides by titanium and antimony chlorides. Dalton Transactions, 2015, 44, 6775-6783.	1.6	3

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55	An Exploration of Induced Supramolecular Chirality Through Association of Chiral Ammonium Ions and Tartrates with the Achiral Host Cucurbit[7]uril. <i>Israel Journal of Chemistry</i> , 2018, 58, 479-486.	1.0	3
56	The Cyclobutanocucurbit[5-8]uril Family: Electronegative Cavities in Contrast to Classical Cucurbituril while the Electropositive Outer Surface Acts as a Crystal Packing Driver. <i>Molecules</i> , 2021, 26, 7343.	1.7	3
57	Cucurbit[n]uril. <i>Supramolecular Chemistry</i> , 2014, 26, 631-631.	1.5	0