

Anthony I Day

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	The Cyclobutanocucurbit[5-8]uril Family: Electronegative Cavities in Contrast to Classical Cucurbituril while the Electropositive Outer Surface Acts as a Crystal Packing Driver. Molecules, 2021, 26, 7343.	1.7	3
3	Photophysical Activity and Host-Guest Behavior of Ruthenium Polypyridyl Catalysts Encapsulated in Cucurbit[10]uril. Inorganic Chemistry, 2020, 59, 9135-9142.	1.9	13
4	Glycoluril derived cucurbituril analogues and the emergence of the most recent example: tiarauril. Chemical Communications, 2020, 56, 2529-2537.	2.2	8
5	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
6	Tiara[n]uril: A Glycoluril-Based Macrocyclic Host with Cationic Walls. Journal of Organic Chemistry, 2019, 84, 3826-3831.	1.7	4
7	An Exploration of Induced Supramolecular Chirality Through Association of Chiral Ammonium Ions and Tartrates with the Achiral Host Cucurbit[7]uril. Israel Journal of Chemistry, 2018, 58, 479-486.	1.0	3
8	Modelling the luminescence of iridium cyclometalated complexes encapsulated in cucurbituril. Analyst, The, 2018, 143, 519-527.	1.7	4
9	Eukaryotic Cell Toxicity and HSA Binding of [Ru(Me4phen)(bb7)] ²⁺ and the Effect of Encapsulation in Cucurbit[10]uril. Frontiers in Chemistry, 2018, 6, 595.	1.8	9
10	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
11	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
12	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
13	The Inheritance Angle: A Determinant for the Number of Members in the Substituted Cucurbit[n]uril Family. Organic Letters, 2017, 19, 4034-4037.	2.4	19
14	Acyclic Cucurbit[n]uril-Type Molecular Containers: Influence of Linker Length on Their Function as Solubilizing Agents. ChemMedChem, 2016, 11, 980-989.	1.6	22
15	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
16	Rapid degradation of cyclic peroxides by titanium and antimony chlorides. Dalton Transactions, 2015, 44, 6775-6783.	1.6	3
17	Cucurbit[n]uril. Supramolecular Chemistry, 2014, 26, 631-631.	1.5	0
18	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

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19	Cyclic Pentanone Peroxide: Sensitiveness and Suitability as a Model for Triacetone Triperoxide. <i>Journal of Forensic Sciences</i> , 2014, 59, 936-942.	0.9	6
20	Cucurbituril: Chiral Applications. <i>Chirality</i> , 2014, 26, 712-723.	1.3	29
21	Fe(OTf) ₃ versus Bi(OTf) ₃ as Mild Catalysts in Epoxide Oxidative Ring-Opening, Urea \pm -Diketone Condensation, and Glycoluril Diether Synthesis. <i>Organic Letters</i> , 2014, 16, 1275-1277.	2.4	15
22	Bi(OTf) ₃ a mild catalyst for the synthesis of difficult to obtain C-alkyl substituted glycolurils. <i>Tetrahedron</i> , 2013, 69, 9957-9965.	1.0	9
23	Strong enhancement of luminescence from an iridium polypyridyl complex via encapsulation in cucurbituril. <i>Dalton Transactions</i> , 2013, 42, 16478.	1.6	23
24	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
25	Locating the Cyclopentano Cousins of the Cucurbit[<i>n</i>]uril Family. <i>Journal of Organic Chemistry</i> , 2012, 77, 606-611.	1.7	87
26	Stable cucurbit[5]uril MOF structures as \sim beaded \sim rings built on a p-hydroxybenzoic acid template a small molecule absorption material. <i>CrystEngComm</i> , 2011, 13, 5049.	1.3	63
27	Electrochemical reduction of nitrotriazoles in aqueous media as an approach to the synthesis of new green energetic materials. <i>New Journal of Chemistry</i> , 2011, 35, 2894.	1.4	20
28	Substituted cucurbit[<i>n</i>]uril rings, catenanes and channels. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 71, 281-286.	1.6	8
29	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
30	Cucurbit[10]uril binding of dinuclear platinum(II) and ruthenium(II) complexes: association/dissociation rates from seconds to hours. <i>Dalton Transactions</i> , 2010, 39, 2078.	1.6	47
31	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. <i>Supramolecular Chemistry</i> , 2010, 22, 194-201.	1.5	9
32	Enhanced cytotoxicity of benzimidazole carbamate derivatives and solubilisation by encapsulation in cucurbit[<i>n</i>]uril. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3328.	1.5	45
33	Electrochemical Method Applicable to Treatment of Wastewater from Nitrotriazolone Production. <i>Environmental Science & Technology</i> , 2009, 43, 1993-1998.	4.6	22
34	Synthesis, cytotoxicity and cucurbituril binding of triamine linked dinuclear platinum complexes. <i>Dalton Transactions</i> , 2009, , 5190.	1.6	35
35	Inclusion complexes of the antitumour metallocenes Cp ₂ MCl ₂ (M = Mo, Ti) with cucurbit[<i>n</i>]urils. <i>Dalton Transactions</i> , 2008, , 2328.	1.6	49
36	Solubilisation and cytotoxicity of albendazole encapsulated in cucurbit[<i>n</i>]uril. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4509.	1.5	104

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37	Opposing substitution in cucurbit[6]urils forms ellipsoid cavities: the symmetrical dicyclohexanocucurbit[6]uril is no exception highlighted by inclusion and exclusion complexes. <i>Supramolecular Chemistry</i> , 2008, 20, 709-716.	1.5	39
38	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
39	Electrochemical remediation produces a new high-nitrogen compound from NTO wastewaters. <i>Journal of Hazardous Materials</i> , 2007, 149, 527-531.	6.5	26
40	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
41	Cucurbit[n]uril binding of platinum anticancer complexes. <i>Dalton Transactions</i> , 2006, , 451-458.	1.6	168
42	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
43	Investigation of Host-Guest Compounds of Cucurbit[n=5-8]uril with Some Ortho Aminopyridines and Bispyridine. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005, 52, 101-107.	1.6	32
44	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 $[Co(dmpdacn-C)(OH_2)](ClO_4)_2 \cdot H_2O$ and Its Hydroxylated Derivative $[Co(dmpdacnOH-O)Cl](ClO_4)_2 \cdot C_3H_6O$. <i>Inorganic Chemistry</i> , 2005, 44, 452-460.	1.9	18
45	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
46	Preparation of glycoluril monomers for expanded cucurbit[n]uril synthesis. <i>Tetrahedron</i> , 2003, 59, 1961-1970.	1.0	56
47	Host Properties of Cucurbit[7]uril: Fluorescence Enhancement of Anilino-naphthalene Sulfonates. <i>Journal of Physical Chemistry B</i> , 2003, 107, 10741-10746.	1.2	128
48	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_2SO-d_6 . See http://www.rsc.org/suppdata/cc/b3/b305182j/ . <i>Chemical Communications</i> , 2003, , 2386.	2.2	5
49	A Method for Synthesizing Partially Substituted Cucurbit[n]uril. <i>Molecules</i> , 2003, 8, 74-84.	1.7	111
50	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
51	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
52	The Effects of Alkali Metal Cations on Product Distributions in Cucurbit[n]uril Synthesis. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 43, 247-250.	1.6	31
53	Title is missing!. <i>Australian Journal of Chemistry</i> , 2001, 54, 141.	0.5	15
54	The first endoannular metal halide-cucurbituril: cis- $SnCl_4(OH_2)_2@cucurbit[7]uril$. <i>CrystEngComm</i> , 2001, 3, 230-236.	1.3	17

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55	Controlling Factors in the Synthesis of Cucurbituril and Its Homologues. <i>Journal of Organic Chemistry</i> , 2001, 66, 8094-8100.	1.7	927
56	Regiospecific synthesis of bis(quinone monoacetals) and their annelation to give bisanthraquinones. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 1631.	2.0	9
57	Organometallic compounds in organic synthesisâ€™XI. <i>Tetrahedron</i> , 1981, 37, 289-302.	1.0	67