Alan P Arnold

List of Publications by Year
in descending order

33 papers	2,704 citations	394421 19 h-index	377865 34 g-index
35 all docs	35 docs citations	35 times ranked	1998 citing authors

#	Article	IF	Citations
1	Controlling Factors in the Synthesis of Cucurbituril and Its Homologues. Journal of Organic Chemistry, 2001, 66, 8094-8100.	3.2	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.. Angewandte Chemie - International Edition, 2002, 41, 275.	13.8	490
3	Nuclear magnetic resonance studies of the solution chemistry of metal complexes. 25. Hg(thiol)3 complexes and HG(II)-thiol ligand exchange kinetics. Journal of the American Chemical Society, 1988, 110, 6359-6364.	13.7	148
4	Multi-nuclear platinum complexes encapsulated in cucurbit[n]uril as an approach to reduce toxicity in cancer treatment. Chemical Communications, 2004, , 1424.	4.1	144
5	A Method for Synthesizing Partially Substituted Cucurbit[n]uril. Molecules, 2003, 8, 74-84.	3.8	111
6	Nuclear magnetic resonance studies of the solution chemistry of metal complexes. 23. Complexation of methylmercury by selenohydryl-containing amino acids and related molecules. Inorganic Chemistry, 1986, 25, 2433-2437.	4.0	93
7	Nuclear magnetic resonance studies of the solution chemistry of metal complexes. 21. The complexation of zinc by glycylhistidine and alanylhistidine peptides. Journal of the American Chemical Society, 1985, 107, 6435-6439.	13.7	90
8	Cucurbit[7]uril and o-Carborane Self-Assemble to Form a Molecular Ball Bearing. Nano Letters, 2002, 2, 147-149.	9.1	87
9	Selenium-77 nuclear magnetic resonance studies of selenols, diselenides, and selenenyl sulfides. Canadian Journal of Chemistry, 1988, 66, 54-60.	1.1	60
10	Synthesis of cyano(selenone)gold(I) complexes and investigation of their scrambling reactions using 13C and 15N NMR spectroscopy. Polyhedron, 2002, 21, 2099-2105.	2.2	54
11	Methylmercury(II) sulfhydryl interactions. Potentiometric determination of the formation constants for complexation of methylmercury(II) by sulfhydryl containing amino acids and related molecules, including glutathione. Canadian Journal of Chemistry, 1983, 61, 1428-1434.	1.1	33
12	Mercury(II) selenolates. Crystal structures of polymeric Hg(SeMe)2 and the tetrameric pyridinates [{HgCl(py)(SeEt)}4] and [{HgCl(py)0.5(SeBut)}4]. Journal of the Chemical Society Dalton Transactions, 1982, , 607.	1.1	31
13	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
14	1H-NMR study of the removal of methylmercury from intact erythrocytes by sulfhydryl compounds. Journal of Inorganic Biochemistry, 1986, 28, 279-287.	3.5	28
15	Synthesis, structure and spectroscopic studies of mercury(II) selenolates and MeHgSeBut. Inorganica Chimica Acta, 1981, 55, 171-176.	2.4	27
16	Nuclear magnetic resonance studies of the solution chemistry of metal complexes. 22. Complexation of zinc by the growth-modulating tripeptide glycylhistidyllysine. Inorganic Chemistry, 1985, 24, 3984-3988.	4.0	26
17	Automated equilibrium titrator based on a personal computer. Analytical Chemistry, 1985, 57, 1112-1116.	6.5	26
18	Nuclear magnetic resonance and potentiometric studies of the complexation of methylmercury(II) by dithiols. Canadian Journal of Chemistry, 1985, 63, 2430-2436.	1.1	22

#	Article	IF	Citations
19	A macrobicyclic cage incorporating selenium donor atoms: synthesis and structure of [Co III L]Cl3(L =) Tj ETQq1 1 0.784314 rgBT /Ov 143.	4.1	19
20	The first endoannular metal halideâ€“cucurbituril: cis-SnCl4(OH2)2@cucurbit[7]uril. CrystEngComm, 2001, 3, 230-236.	2.6	17
21	Synthesis and Spectroscopic Characterization of Silver(I) Complexes of Selenones. Journal of Coordination Chemistry, 2003, 56, 539-544.	2.2	17
22	Chelation therapy for methylmercury(II) poisoning. Synthesis and determination of solubility properties of MeHg(II) complexes of thiol and dithiol anti. Journal of Inorganic Biochemistry, 1983, 19, 319-327.	3.5	15
23	Nuclear magnetic resonance studies of the acidâ€“base chemistry of amino acids and peptides. IV. Mixed disulfides of cysteine, penicillamine, and glutathione. Canadian Journal of Chemistry, 1984, 62, 1312-1319.	1.1	14
24	Stereospecificity in the synthesis of the tris((R)-cysteinato-N,S)- and tris((R)-cysteinesulfinato-N,S)cobaltate(III) ions. Inorganic Chemistry, 1990, 29, 3618-3620.	4.0	14
25	Determination of thiols and selenols by titration with methylmercury with end point detection by nuclear magnetic resonance spectrometry. Analytical Chemistry, 1986, 58, 1266-1269.	6.5	13
26	Exchange Reactions of Aurothiomalate with 3-Selenopropionate in Aqueous Solution. Journal of Coordination Chemistry, 1989, 20, 95-97.	2.2	13
27	Proton NMR Study of the Enantioselective Binding of the Tris(ethylenediamine)cobalt (III) Cation with the Dodecanucleotide d(CAATCCGGATTG)2. Inorganic Chemistry, 1994, 33, 609-610.	4.0	12
28	COMPLEXATION OF METHYLMERCURY(II) BY DL-SELENOMETHIONINE. Journal of Coordination Chemistry, 1985, 14, 73-77.	2.2	10
29	Zn2+-induced deprotonation of a peptide nitrogen in angiotensin I. FEBS Letters, 1991, 289, 96-98.	2.8	9
30	Precursors to New Molecular Tube Ligands. 1. Double-Capped Trinuclear Cobalt Complexes of Aminoethanethiol. Inorganic Chemistry, 1999, 38, 1966-1970.	4.0	9
31	Characterization of normal, glutathione-deficient and arginase-deficient sheep erythrocytes by 1H-NMR spectroscopy. Biochimica Et Biophysica Acta - Molecular Cell Research, 1985, 846, 200-207.	4.1	7
32	Gold(I) complexes with selenones and triphenylphosphine as ligands. Transition Metal Chemistry, 2004, 29, 870-873.	1.4	7
33	On the tris((r)cysteinate)cobalt(iii) and tris((r)cysteinesulphinate)cobalt(iii) ions: a finale. Polyhedron, 1991, 10, 2847-2849.	2.2	2