

# Alan P Arnold

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/827057/publications.pdf>

Version: 2024-02-01

33  
papers

2,704  
citations

394286

19  
h-index

377752

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. <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	Nuclear magnetic resonance studies of the solution chemistry of metal complexes. 25. Hg(thiol) <sub>3</sub> complexes and HG(II)-thiol ligand exchange kinetics. <i>Journal of the American Chemical Society</i> , 1988, 110, 6359-6364.	6.6	148
4	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
5	A Method for Synthesizing Partially Substituted Cucurbit[n]uril. <i>Molecules</i> , 2003, 8, 74-84.	1.7	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. <i>Inorganic Chemistry</i> , 1986, 25, 2433-2437.	1.9	93
7	Nuclear magnetic resonance studies of the solution chemistry of metal complexes. 21. The complexation of zinc by glycylhistidine and alanylhistidine peptides. <i>Journal of the American Chemical Society</i> , 1985, 107, 6435-6439.	6.6	90
8	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
9	Selenium-77 nuclear magnetic resonance studies of selenols, diselenides, and selenenyl sulfides. <i>Canadian Journal of Chemistry</i> , 1988, 66, 54-60.	0.6	60
10	Synthesis of cyano(selenone)gold(I) complexes and investigation of their scrambling reactions using <sup>13</sup> C and <sup>15</sup> N NMR spectroscopy. <i>Polyhedron</i> , 2002, 21, 2099-2105.	1.0	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. <i>Canadian Journal of Chemistry</i> , 1983, 61, 1428-1434.	0.6	33
12	Mercury(II) selenolates. Crystal structures of polymeric Hg(SeMe) <sub>2</sub> and the tetrameric pyridinates [HgCl(py)(SeEt) <sub>4</sub> ] and [HgCl(py) <sub>0.5</sub> (SeBut) <sub>4</sub> ]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1982, , 607.	1.1	31
13	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
14	<sup>1</sup> H-NMR study of the removal of methylmercury from intact erythrocytes by sulfhydryl compounds. <i>Journal of Inorganic Biochemistry</i> , 1986, 28, 279-287.	1.5	28
15	Synthesis, structure and spectroscopic studies of mercury(II) selenolates and MeHgSeBut. <i>Inorganica Chimica Acta</i> , 1981, 55, 171-176.	1.2	27
16	Nuclear magnetic resonance studies of the solution chemistry of metal complexes. 22. Complexation of zinc by the growth-modulating tripeptide glycylhistidyllysine. <i>Inorganic Chemistry</i> , 1985, 24, 3984-3988.	1.9	26
17	Automated equilibrium titrator based on a personal computer. <i>Analytical Chemistry</i> , 1985, 57, 1112-1116.	3.2	26
18	Nuclear magnetic resonance and potentiometric studies of the complexation of methylmercury(II) by dithiols. <i>Canadian Journal of Chemistry</i> , 1985, 63, 2430-2436.	0.6	22

#	ARTICLE	IF	CITATIONS
19	A macrobicyclic cage incorporating selenium donor atoms: synthesis and structure of [Co(III)L]Cl <sub>3</sub> (L = Tj ETQq1 143.	0.784314 2.2	19
20	The first endoannular metal halide@cucurbituril: cis-SnCl <sub>4</sub> (OH) <sub>2</sub> @cucurbit[7]uril. CrystEngComm, 2001, 3, 230-236.	1.3	17
21	Synthesis and Spectroscopic Characterization of Silver(I) Complexes of Selenones. Journal of Coordination Chemistry, 2003, 56, 539-544.	0.8	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.	1.5	15
23	Nuclear magnetic resonance studies of the acid-base chemistry of amino acids and peptides. IV. Mixed disulfides of cysteine, penicillamine, and glutathione. Canadian Journal of Chemistry, 1984, 62, 1312-1319.	0.6	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.	1.9	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.	3.2	13
26	Exchange Reactions of Aurothiomalate with 3-Selenopropionate in Aqueous Solution. Journal of Coordination Chemistry, 1989, 20, 95-97.	0.8	13
27	Proton NMR Study of the Enantioselective Binding of the Tris(ethylenediamine)cobalt(III) Cation with the Dodecanucleotide d(CAATCCGGATTG) <sub>2</sub> . Inorganic Chemistry, 1994, 33, 609-610.	1.9	12
28	COMPLEXATION OF METHYLMERCURY(II) BY DL-SELENOMETHIONINE. Journal of Coordination Chemistry, 1985, 14, 73-77.	0.8	10
29	Zn <sup>2+</sup> -induced deprotonation of a peptide nitrogen in angiotensin I. FEBS Letters, 1991, 289, 96-98.	1.3	9
30	Precursors to New Molecular Tube Ligands. 1. Double-Capped Trinuclear Cobalt Complexes of Aminoethanethiol. Inorganic Chemistry, 1999, 38, 1966-1970.	1.9	9
31	Characterization of normal, glutathione-deficient and arginase-deficient sheep erythrocytes by <sup>1</sup> H-NMR spectroscopy. Biochimica Et Biophysica Acta - Molecular Cell Research, 1985, 846, 200-207.	1.9	7
32	Gold(I) complexes with selenones and triphenylphosphine as ligands. Transition Metal Chemistry, 2004, 29, 870-873.	0.7	7
33	On the tris((r)cysteinato)cobalt(III) and tris((r)cysteinesulphinato)cobalt(III) ions: a finale. Polyhedron, 1991, 10, 2847-2849.	1.0	2