

Andrew G Sykes

List of Publications by Year in descending order

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25
papers

529
citations

933447

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25
times ranked

853
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Sensing of Zn(II) and Cu(II) via Two Independent Mechanisms. <i>Journal of Organic Chemistry</i> , 2012, 77, 8428-8434.	3.2	85
2	Luminescence Detection of Transition and Heavy Metals by Inversion of Excited States: Synthesis, Spectroscopy, and X-ray Crystallography of Ca, Mn, Pb, and Zn Complexes of 1,8-Anthraquinone-18-Crown-5. <i>Inorganic Chemistry</i> , 2006, 45, 779-786.	4.0	62
3	Dual Functionality of BODIPY Chromophore in Porphyrin-Sensitized Nanocrystalline Solar Cells. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10451-10460.	3.1	59
4	Selective luminescence detection of cadmium(II) and mercury(II) utilizing sulfur-containing anthraquinone macrocycles (part 2) and formation of an unusual -crown ether dimer via reduction of Hg(II) by DMF. <i>Polyhedron</i> , 2007, 26, 1323-1330.	2.2	54
5	Site-Selective Imination of an Anthracenone Sensor: Selective Fluorescence Detection of Barium(II). <i>Journal of Organic Chemistry</i> , 2011, 76, 7866-7871.	3.2	52
6	A Luminescent Sensor Responsive to Common Oxoacids: X-ray Crystal Structure of [H ₃ O ⁺ ·1,8-Oxybis(ethyleneoxyethyleneoxy)anthracene-9,10-dione]ClO ₄ . <i>Journal of the American Chemical Society</i> , 1997, 119, 12477-12480.	13.7	48
7	Strengthening C-H...F Interactions While Suppressing C ₂ -H...N (T-Shaped) Interactions via Perfluoroalkylation: A Crystallographic and Computational Study That Supports the Beneficial Formation of 1-D Stacked Aromatic Materials. <i>Crystal Growth and Design</i> , 2012, 12, 5655-5662.	3.0	37
8	Title is missing!. <i>Journal of Chemical Crystallography</i> , 2003, 33, 651-662.	1.1	33
9	Title is missing!. <i>Journal of Chemical Crystallography</i> , 2003, 33, 663-668.	1.1	12
10	A highly selective pyridoxal-based chemosensor for the detection of Zn(II) and application in live-cell imaging; X-ray crystallography of pyridoxal-TRIS Schiff-base Zn(II) and Cu(II) complexes. <i>RSC Advances</i> , 2021, 11, 34181-34192.	3.6	12
11	Hexafluorophosphate salts of bis- and tetrakis-(2,2'-bipyridine)lead(II) complexes. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2261-2267.	2.2	10
12	2-(1-Acetyl-2-oxopropyl)-5,10,15,20-tetraphenylporphyrin and Its Transition-Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, n/a-n/a.	2.0	10
13	A new detection mechanism involving keto-enol tautomerization: selective fluorescence detection of Al(III) by dehydration of secondary alcohols in mixed DMSO/aqueous media. <i>RSC Advances</i> , 2016, 6, 11295-11302.	3.6	8
14	Crystallographic and luminescence studies of ammonium and water adducts of anthraquinone fluorophores. <i>Journal of Chemical Crystallography</i> , 2006, 36, 875-881.	1.1	6
15	Monomeric complexes of 1,8-bis-(isonicotinyloxy)anthracene-9,10-dione. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3887-3894.	2.2	6
16	Dansylamide derivatives of 1,8-anthraquinone-18-crown-5: synthesis, characterization and selective detection of Pb(II). <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 83, 149-157.	1.6	6
17	Isolation and X-ray Structure of [Ir(CNBu t) 5 H](PF 6) 2. <i>Journal of Coordination Chemistry</i> , 2003, 56, 141-145.	2.2	5
18	Synthesis, crystallography, spectroscopy, and kinetics involving the fluorimetric detection of metal ions by internal imine derivatives of anthraquinone-18-crown-5 in aqueous media. <i>Polyhedron</i> , 2021, 200, 115120.	2.2	5

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19	Preparation of onium salts of a reduced anthracenone crown ether macrocycle: a reactivity series involving pyridine, phosphine, thiophene, nitrile and primary amide nucleophiles. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 686-692.	1.9	4
20	Polypyrrole- Fe_3O_4 Coated Magnetite Fe_3O_4 Nanoparticles Containing an Anthraquinone Crown Ether Macrocycle Used for the Extraction of Cu(II) Ion from Water. <i>Advances in Polymer Technology</i> , 2018, 37, 235-239.	1.7	4
21	Bridging Native American Culture and Chemistry: Gas Chromatography Experiments That Examine Native Foods. <i>Journal of Chemical Education</i> , 1999, 76, 392.	2.3	3
22	An oligothiophene chromophore with a macrocyclic side chain: synthesis, morphology, charge transport, and photovoltaic performance. <i>RSC Advances</i> , 2016, 6, 102043-102056.	3.6	3
23	Unexpected Diastereoselective Acetylation of 1,8-Dimethoxyanthracene Adducts with Maleic Anhydride and Dimethyl Maleate. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 810-816.	2.4	2
24	A chemodosimeter for the detection of hydroxide using an anthraquinone-based receptor: Photophysical properties and X-ray crystallography. <i>Journal of Molecular Structure</i> , 2022, 1267, 133585.	3.6	2
25	Crystallographic and Computational Studies of Non-Covalent Interactions of Molecular Clips with a Series of Small Solvent Molecules. <i>Journal of Chemical Crystallography</i> , 2018, 48, 131-137.	1.1	1