

Andrew W G Platt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4032552/publications.pdf>

Version: 2024-02-01

44
papers

789
citations

471509

17
h-index

526287

27
g-index

45
all docs

45
docs citations

45
times ranked

680
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide phosphine oxide complexes. <i>Coordination Chemistry Reviews</i> , 2017, 340, 62-78.	18.8	76
2	Complexes of Lanthanide Nitrates with Bis(diphenylphosphino)methane Dioxide. <i>Inorganic Chemistry</i> , 2003, 42, 4673-4679.	4.0	64
3	Synthesis, structures and mass spectrometry of lanthanide nitrate complexes with tricyclohexylphosphine oxide. <i>Polyhedron</i> , 2007, 26, 4865-4876.	2.2	54
4	Structures and catalytic properties of triphenylphosphine oxide complexes of scandium and lanthanide triflates. <i>Polyhedron</i> , 2002, 21, 287-293.	2.2	53
5	Lanthanide Nitrate Complexes of Tri-Isobutylphosphine Oxide: Solid State and CD ₂ Cl ₂ Solution Structures. <i>Inorganic Chemistry</i> , 2011, 50, 2553-2561.	4.0	34
6	Structures and catalytic properties of complexes of bis(diphenylphino)methane dioxide with scandium and lanthanide trifluoromethane sulfonates. <i>Polyhedron</i> , 2003, 22, 967-973.	2.2	31
7	Synthesis of cerium(III) and (IV) complexes of phenacyldiphenylphosphine oxide. The structure of Ce(NO ₃) ₃ [Ph ₂ P(O)CH ₂ C(O)Ph] ₃ . <i>Inorganica Chimica Acta</i> , 1990, 171, 25-28.	2.4	29
8	Complexes of Lanthanide Nitrates with Tri Tert Butylphosphine Oxide. <i>Inorganic Chemistry</i> , 2012, 51, 4379-4389.	4.0	28
9	Structures of lanthanide complexes of β^2 -ketophosphoryl compounds. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 675-681.	1.1	27
10	Lanthanide halide and nitrate complexes with potentially tridentate bisphosphine dioxide "ether donors". <i>Polyhedron</i> , 2004, 23, 2561-2567.	2.2	26
11	Solution and solid-state structures of lanthanide nitrate complexes with [(MeO) ₂ P(O)] ₂ C(OH)R (R=Me, tBu). <i>Inorganica Chimica Acta</i> , 2001, 312, 170-182.	2.4	25
12	Synthesis of tripodal tris-phosphonate ligands and the structure of the dimeric complex	2.2	23
13	Lanthanide nitrate complexes with triethylphosphine oxide. Solid state and solution properties. <i>Polyhedron</i> , 2012, 42, 30-35.	2.2	23
14	Synthesis, structure and stability of complexes of lanthanide nitrates with [(MeO) ₂ P(O)] ₂ C(OH)Ph and the isomeric (MeO) ₂ P(O)OCHPhP(O)(OMe) ₂ . <i>Inorganica Chimica Acta</i> , 1994, 223, 43-53.	2.4	22
15	Complexes of (EtO) ₂ P(O)CH ₂ P(O)(OEt) ₂ with lanthanide nitrates. <i>New Journal of Chemistry</i> , 2004, 28, 1457.	2.8	22
16	The crystal and molecular structure of UO ₂ (NO ₃) ₂ [Ph ₂ P(O)CH ₂ C(O)Ph] ₂ and its role in the solvent extraction of the uranyl ion. <i>Polyhedron</i> , 1989, 8, 1357-1360.	2.2	21
17	Complexes of triphenylphosphine oxide with lanthanide bromides. <i>Inorganica Chimica Acta</i> , 2010, 363, 243-249.	2.4	19
18	Complexes of lanthanide nitrates with tri-isopropylphosphine oxide. <i>Polyhedron</i> , 2014, 68, 258-264.	2.2	17

#	ARTICLE	IF	CITATIONS
19	Complexes of lanthanide chlorides with tricyclohexylphosphine oxide. The single crystal X-ray structures and solution properties of pentagonal bipyramidal complexes $[\text{Ln}(\text{H}_2\text{O})_5(\text{Cy}_3\text{PO})_2]_3 \cdot 3\text{Cy}_3\text{PO} \cdot 3\text{Cl}^-$ Ln=Dy, Er. <i>Polyhedron</i> , 2014, 67, 368-372.	2.2	16
20	Hypophosphite complexes of the lanthanide metals, $[\text{Ln}(\text{H}_2\text{PO}_2)_x(\text{OH})_{3-x}(\text{H}_2\text{O})_n]$ (Ln = La–Nd, Sm, Eu,) <i>Talanta</i> , 2015, 115, 100-107.	2.2	15
21	Water soluble platinum(II) and palladium(II) complexes of alkyl sulfonated phosphines. <i>Inorganica Chimica Acta</i> , 1999, 290, 189-196.	2.4	15
22	Complexes of the lanthanide metals (La–Nd, Sm–Lu) with hypophosphite and phosphite ligands: crystal structures of $[\text{Ce}(\text{H}_2\text{PO}_2)_3(\text{H}_2\text{O})]$, $[\text{Dy}(\text{H}_2\text{PO}_2)_3]$ and $[\text{Pr}(\text{H}_2\text{PO}_2)(\text{HPO}_3)(\text{H}_2\text{O})] \cdot \text{H}_2\text{O}$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2189-2196.	1.1	13
23	Preparation, structure, solid state and gas phase stability of the mixed neodymium nitrate–chloride complex $\text{NdCl}(\text{NO}_3)_2 \cdot 2[(\text{MeO})_2\text{PO}]_2\text{C}(\text{OH})\text{tBu}$. <i>Inorganica Chimica Acta</i> , 2006, 359, 1329-1334.	2.4	12
24	Complexes of lanthanide dithionates 2. Electrospray mass spectrometry of $\text{Ln}_2(\text{S}_2\text{O}_6)_3$ and their Ph_3PO complexes; the X-ray crystal structure of $\text{Pr}_2(\text{S}_2\text{O}_6)_3(\text{Ph}_3\text{PO})_6(\text{H}_2\text{O})_6$. <i>Inorganica Chimica Acta</i> , 1999, 295, 146-152.	2.4	11
25	Preparation and structures of polymeric lanthanide nitrate complexes of $\text{CH}_3\text{C}[\text{CH}_2\text{P}(\text{O})\text{Ph}_2]_3$. <i>Polyhedron</i> , 2005, 24, 427-433.	2.2	11
26	Synthesis, structure and properties of lanthanide dithionates and their triphenylphosphine oxide complexes. <i>Inorganica Chimica Acta</i> , 1998, 274, 177-183.	2.4	10
27	The preparation, characterisation and in vitro cytotoxicity of potentially chemotherapeutic heterobimetallic complexes containing early and late transition metals. <i>Journal of Inorganic Biochemistry</i> , 2003, 95, 149-156.	3.5	10
28	Lanthanide nitrate complexes of the redox active ligand $(\text{t}-\text{C}_5\text{H}_4\text{P}(\text{O})\text{Ph}_2)_2\text{Fe}$. <i>Polyhedron</i> , 2009, 28, 1497-1503.	2.2	10
29	Systematic structural studies on cobalt(II) complexes of tricyclohexylphosphine oxide and related ligands. <i>Polyhedron</i> , 2011, 30, 2832-2836.	2.2	9
30	Determination of the sequence of latent fingermarks and writing or printing on white office paper. <i>Forensic Science International</i> , 2011, 206, 155-160.	2.2	9
31	Inner and outer sphere coordination of tricyclohexylphosphine oxide with lanthanide bromides. <i>Polyhedron</i> , 2015, 91, 110-119.	2.2	9
32	Synthesis and spectroscopy of lanthanide nitrate complexes of triethyl phosphonoacetate. <i>Polyhedron</i> , 1992, 11, 2983-2987.	2.2	8
33	Structural variations in a series of lanthanide nitrate complexes with an unsymmetrical diphosphonate ligand $(\text{MeO})_2\text{P}(\text{O})\text{C}(\text{CH}_2)\text{CH}_2\text{P}(\text{O})(\text{OMe})_2$. <i>Polyhedron</i> , 2012, 33, 341-346.	2.2	8
34	A statistical study of the relative difficulty of freehand simulation of form, proportion, and line quality in Arabic signatures. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2010, 50, 72-76.	2.1	7
35	The interactions between the sterically demanding trimesitylphosphine oxide and trimesitylphosphine with scandium and selected lanthanide ions. <i>Journal of Molecular Structure</i> , 2016, 1111, 180-184.	3.6	5
36	Lanthanide complexes with $\text{O}_2\text{P}(\text{H})_2$, $\text{O}_2\text{P}(\text{CH}_2\text{Cl})_2$ and $\text{O}_2\text{P}(\text{CH}_2\text{OH})_2$ ligands: a solid-state tubular micelle. <i>CrystEngComm</i> , 2000, 2, 177-182.	2.6	3

#	ARTICLE	IF	CITATIONS
37	Cerium(III) and cerium(IV) nitrate complexes of trialkylphosphine oxides. <i>Polyhedron</i> , 2019, 161, 346-351.	2.2	3
38	Reactions of lanthanide nitrates with dimethylbenzoylphosphonate. <i>Polyhedron</i> , 1993, 12, 467-472.	2.2	2
39	The Influence of Gender on Ability to Simulate Handwritten Signatures: A Study of Arabic Writers*. <i>Journal of Forensic Sciences</i> , 2011, 56, 950-953.	1.6	2
40	Synthesis, Structural Characterisation and Solution Behaviour of High-Symmetry Lanthanide Triflate Complexes with the Sterically Demanding Phosphine Oxides Cy ₃ PO and <i>t</i> -Bu ₃ PO. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1464-1471.	2.0	2
41	Structural diversity in the series of lanthanide complexes [Ln(Ph ₃ PO) _n (NCS) ₃] (n = 3, 4). <i>Polyhedron</i> , 2022, , 115826.	2.2	2
42	catena-Poly[[bis(nitrato- η^2 O,O ϵ^2)copper(II)]- $\frac{1}{4}$ -propane-1,3-diylbis(diphenylphosphine oxide)- η^2 O,O ϵ^2]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m433-m435.	0.4	1
43	Manganese(II) and cobalt(II) complexes of 1,4-bis(diphenylphosphinoyl)butane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, m10-m13.	0.4	1
44	Lanthanide tri- and tetrathionates and their complexes with triphenylphosphine oxide. <i>Polyhedron</i> , 2020, 179, 114404.	2.2	0