

# Philip C Andrews

## List of Publications by Year in descending order

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68  
papers

2,221  
citations

186265  
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71  
times ranked

2571  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leishmaniasis: Current Treatment and Prospects for New Drugs and Vaccines. <i>Current Medicinal Chemistry</i> , 2009, 16, 599-614.	2.4	164
2	Metal Compounds against Neglected Tropical Diseases. <i>Chemical Reviews</i> , 2019, 119, 730-796.	47.7	122
3	Silver Bismuth Sulfoiodide Solar Cells: Tuning Optoelectronic Properties by Sulfide Modification for Enhanced Photovoltaic Performance. <i>Advanced Energy Materials</i> , 2019, 9, 1803396.	19.5	100
4	Templated assembly of a $\mu_6$ -CO <sub>3</sub> <sup>2-</sup> dodecanuclear lanthanum dibenzoylmethanide hydroxido cluster with concomitant formation of phenylglyoxylate. <i>Dalton Transactions</i> , 2007, , 5651.	3.3	88
5	Anti-leishmanial activity of heteroleptic organometallic Sb(v) compounds. <i>Dalton Transactions</i> , 2013, 42, 16733.	3.3	81
6	Bismuth(III) complexes derived from non-steroidal anti-inflammatory drugs and their activity against <i>Helicobacter pylori</i> . <i>Dalton Transactions</i> , 2010, 39, 2861.	3.3	69
7	Formation of Ho <sup>III</sup> Trinuclear Clusters and Gd <sup>III</sup> Monodimensional Polymers Induced by <i>ortho</i> and <i>para</i> Regioisomers of Pyridyl-Functionalised $\beta$ -diketonates: Synthesis, Structure, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 744-751.	2.0	60
8	Adsorption and intercalation of Acid Blue 9 on Mg-Al layered double hydroxides of variable metal composition. <i>Polyhedron</i> , 2007, 26, 3479-3490.	2.2	56
9	X-ray crystallographic studies and comparative reactivity studies of a sodium diisopropylamide (NDA) complex and related hindered amides. <i>Journal of Organometallic Chemistry</i> , 1996, 518, 85-95.	1.8	55
10	Synthetic and structural comparisons of bismuth(III) carboxylates synthesised under solvent-free and reflux conditions. <i>Dalton Transactions</i> , 2006, , 4852.	3.3	55
11	Synthetic, Structural, Mechanistic, and Theoretical MO Studies of the Alkali-Metal Chemistry of Dibenzylamine and Its Transformation to 1,3-Diphenyl-2-azaallyl Derivatives. <i>Organometallics</i> , 1995, 14, 427-439.	2.3	54
12	Enhancement of the intrinsic light harvesting capacity of Cs <sub>2</sub> AgBiBr <sub>6</sub> double perovskite via modification with sulphide. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2008-2020.	10.3	54
13	Supramolecular assemblies of globular main group cage species. <i>Coordination Chemistry Reviews</i> , 1999, 189, 169-198.	18.8	53
14	Anti-Leishmanial activity of homo- and heteroleptic bismuth(III) carboxylates. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 454-461.	3.5	51
15	Agem-Organodizinc Species Assembled in a Tetrameric Cage. <i>Organometallics</i> , 1998, 17, 779-782.	2.3	50
16	Gallium metal mediated allylation of carbonyl compounds and imines under solvent-free conditions. <i>Tetrahedron Letters</i> , 2004, 45, 243-248.	1.4	50
17	Spray deposition of AgBiS <sub>2</sub> and Cu <sub>3</sub> BiS <sub>3</sub> thin films for photovoltaic applications. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2483-2494.	5.5	48
18	Functionalised $\beta$ -diketonate polynuclear lanthanoid hydroxo clusters: Synthesis, characterisation, and magnetic properties. <i>Polyhedron</i> , 2009, 28, 2123-2130.	2.2	47

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19	Variation of structural motifs in lanthanoid hydroxo clusters by ligand modification. <i>New Journal of Chemistry</i> , 2013, 37, 35-48.	2.8	47
20	Stability and toxicity of heteroleptic organometallic Bi(III) complexes towards <i>Leishmania major</i> . <i>Dalton Transactions</i> , 2014, 43, 12904-12916.	3.3	45
21	The adsorption behavior of C.I. Acid Blue 9 onto calcined Mg-Al layered double hydroxides. <i>Dyes and Pigments</i> , 2009, 81, 103-112.	3.7	44
22	Gelation of La(III) cations promoted by 5-(2-pyridyl)tetrazolate and water. <i>Chemical Communications</i> , 2006, , 3317.	4.1	43
23	Comparative stability, toxicity and anti-leishmanial activity of triphenyl antimony(III) and bismuth(III) $\beta$ -hydroxy carboxylato complexes. <i>Dalton Transactions</i> , 2018, 47, 971-980.	3.3	40
24	Bismuth(III) $\beta$ -thioxoketonates as antibiotics against <i>Helicobacter pylori</i> and as anti-leishmanial agents. <i>Dalton Transactions</i> , 2014, 43, 1279-1291.	3.3	39
25	Synthesis, Ethanolysis, and Hydrolysis of Bismuth(III) ortho-Nitrobenzoate Complexes en Route to a Pearl Necklace-like Polymer of Bi10 Oxo-Clusters. <i>Organometallics</i> , 2009, 28, 3999-4008.	2.3	35
26	Stability and toxicity of tris-tolyl bismuth(III) dicarboxylates and their biological activity towards <i>Leishmania major</i> . <i>Dalton Transactions</i> , 2015, 44, 18215-18226.	3.3	35
27	Indium metal mediated synthesis of homoallylic amines in poly(propylene)glycol (PPG). <i>Green Chemistry</i> , 2004, 6, 119.	9.0	30
28	X-ray crystallographic studies and dynamic $^1\text{H}$ NMR spectroscopic studies of the novel sodium aza-allyl monomer $[\text{PhC}(\text{H})\text{NC}(\text{H})\text{Ph}]\text{Na} \cdot \text{PMDETA}$ : A discrete contact ion-pair structure held together by a short $\text{Ni} \cdots \text{Na}$ bond, and showing close (ortho-Ph) $\text{C} \cdots \text{H} \cdots \text{Na}$ contacts in both solid state and solution. <i>Journal of Organometallic Chemistry</i> , 1990, 386, 287-297.	1.8	29
29	Lewis-Base-Dictated Structural Variations in Sodium Amide Chemistry: X-Ray Crystal Structures of Phenyl(2-pyridyl)amidodisodium with Hexamethylphosphoric Triamide (HMPA) and with Pentamethyldiethylenetriamine (PMDETA). <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1440-1441.	4.4	28
30	Systematic study of the formation of the lanthanoid cubane cluster motif mediated by steric modification of diketonate ligands. <i>Dalton Transactions</i> , 2011, 40, 12169.	3.3	28
31	Structural influences on the activity of bismuth(III) indole-carboxylato complexes towards <i>Helicobacter pylori</i> and <i>Leishmania</i> . <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 266-275.	3.5	28
32	Functionalised pseudo-boehmite nanoparticles as an excellent adsorbent material for anionic dyes. <i>Journal of Materials Chemistry</i> , 2008, 18, 2466.	6.7	27
33	Synthesis and structural characterisation of cationic, neutral and hydroxo-bridged lanthanoid (La, Tj) ETQq1 1 0.784314 rgBT/Overlo	2.2	25
34	Isostructural potassium and sodium di-nitrogen functionalized amides: Syntheses and crystal structures of $[\text{Ph}(2\text{-Pyr})\text{NK}(\text{TMEDA})_2]$ and $[\text{Me}(2\text{-Pyr})\text{NNa}(\text{TMEDA})_2]$ . <i>Polyhedron</i> , 1991, 10, 1839-1841.	2.2	24
35	Metal mediated solvent free synthesis of homoallylic alcohols. <i>Green Chemistry</i> , 2001, 3, 313-315.	9.0	24
36	Multifunctional hybrid materials based on transparent poly(methyl methacrylate) reinforced by lanthanoid hydroxo clusters. <i>Dalton Transactions</i> , 2010, 39, 11227.	3.3	22

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37	X-ray structural characterization of some sterically bulky N-donor and N-alkyl Grignard reagents. <i>Inorganica Chimica Acta</i> , 2006, 359, 355-363.	2.4	20
38	Synthesis and Characterisation of Thiophene-Functionalised Lanthanoid Diketonate Clusters with Solvent-Modulated Europium Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3273-3282.	2.0	20
39	Crystal Structure of [(Ph(Me)C:N:C(H)Ph)Kâ€¦(tBuOK)2â€¦(thf)2]âˆž: A Unimetallic Mixed Anion Model for a â€œSuperbaseâ€?. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4516-4518.	13.8	18
40	Bismuth(III) Î±-hydroxy carboxylates: highly selective toxicity of glycolates towards <i>Leishmania major</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 1193-1203.	2.6	18
41	An infinite ladder structure of alternating, fused K2N2rhomboids and KN2triangles: synthesis and crystallographic characterisation of benzotriazolotopotassium-â€¦-HMPA (HMPA = hexamethylphosphoric) Tj ETQq1 207843147gBT /O		
42	A gem-aluminium(iii)/antimony(iii) C centre incorporated in a bimetallic six-membered heterocycle. <i>Chemical Communications</i> , 1997, , 1183-1184.	4.1	17
43	Main Group Metal-â€¦-Mediated Transformations of Imines. <i>Chemistry - A European Journal</i> , 2021, 27, 2569-2588.	3.3	17
44	Thermodynamically Favored Anion Rearrangements in Li and Na Complexes of (<i>S</i>)-<i>N</i>-Î±-(Methylbenzyl)allylamine. <i>Organometallics</i> , 2009, 28, 1697-1704.	2.3	16
45	Formation of Groupâ€¦-11 Bismuth Sulfide Nanoparticles Using Bismuth Dithioates under Mild Conditions. <i>Chemistry - A European Journal</i> , 2017, 23, 8171-8175.	3.3	16
46	Carbometalation of a Stiba-alkene Resulting in an In(III)/Sb(III) C-CenteredGeminalOrganodimetallic Complex. <i>Organometallics</i> , 1999, 18, 4247-4249.	2.3	15
47	Efficient solvent-free in situ tin-mediated homoallylation reactions. <i>Tetrahedron Letters</i> , 2002, 43, 7541-7543.	1.4	14
48	Anion Rearrangements of Alkali Metal Complexes of the Chiral Amine (<i>S</i>)-<i>N</i>-Î±-(Methylbenzyl)phenylallylamine: Structural and Solution Insights. <i>Organometallics</i> , 2012, 31, 8135-8144.	2.3	14
49	Gallium(III)/Antimony(III) C-CenteredGeminalOrganodimetallic Complexes. <i>Organometallics</i> , 2000, 19, 1277-1281.	2.3	13
50	Alkali-Metal-Induced Câ€“C Bond Cleavage and CH4Elimination in the Amido â†’ Aza-Allyl Transformation of the (S)-N-Î±-(Methylbenzyl)benzylamido Anion. <i>Organometallics</i> , 2013, 32, 7509-7519.	2.3	13
51	Variable Nuclearity in Lanthanoid Coordination Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2849-2854.	2.0	13
52	A new type of structure in sodium amide ring chemistry: crystal structure of [PhCH2(Me)NNa(tmeda)]2 showing a buckled, rather than the normal planar, (NNa)2 cyclic ring, with a cisoid, rather than the normal transoid, arrangement of amido-substituents (tmeda = tetramethylethylenediamine). <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 497.	2.0	12
53	Synthesis and Structural Characterization of Cationic 5-Hydroxy-1,3-diketonate Stabilized Dinuclear Complexes and Tetranuclear Lanthanoid Clusters. <i>Inorganic Chemistry</i> , 2010, 49, 5016-5024.	4.0	12
54	Do bismuth complexes hold promise as antileishmanial drugs?. <i>Future Medicinal Chemistry</i> , 2018, 10, 1721-1733.	2.3	12

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55	Antimony and bismuth as antimicrobial agents. <i>Advances in Inorganic Chemistry</i> , 2020, 75, 207-255.	1.0	12
56	Bismuth(III) Flavonolates: The Impact of Structural Diversity on Antibacterial Activity, Mammalian Cell Viability and Cellular Uptake. <i>Chemistry - A European Journal</i> , 2020, 26, 7657-7671.	3.3	12
57	Solid state structures of homo- and hetero-bimetallic alkali metal complexes containing the dianion of (S)-N-( $\pm$ -methylbenzyl)allylamine. <i>Dalton Transactions RSC</i> , 2002, , 3640-3646.	2.3	11
58	Impact of structural changes in heteroleptic bismuth phosphinates on their antibacterial activity in Bi-nanocellulose composites. <i>Dalton Transactions</i> , 2020, 49, 7341-7354.	3.3	10
59	The Strange Case of Sodium ( <i>S</i> )-N( <i>N</i> )- $\pm$ -(Methylbenzyl)allylamide: Anion Rearrangement, Decomposition, and a Peculiar Propyl Addition. <i>Organometallics</i> , 2016, 35, 303-305.	2.3	9
60	Synthesis and characterisation of a chiral lanthanoid cluster with an unusually exposed cubane core via concomitant deesterification of ethyl acetate. <i>Polyhedron</i> , 2011, 30, 2837-2842.	2.2	7
61	Metal-Induced C $\equiv$ N Bond Cleavage in the Decomposition of Alkali (R,R)-Bis( $\pm$ -methylbenzyl)amide Complexes. <i>Organometallics</i> , 2017, 36, 1496-1504.	2.3	6
62	Chiral Lanthanoid Dimers Ligated by Carbohydrate-Based Diketonates: Catalytic and Luminescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, n/a-n/a.	2.0	5
63	Diol-functionalised benzoates as novel linkers for the formation of coordination polymers. <i>CrystEngComm</i> , 2007, 9, 282.	2.6	4
64	Isomers of Alkali Metal (Methylbenzyl)allylamides: A Theoretical Perspective. <i>ACS Omega</i> , 2020, 5, 9448-9457.	3.5	3
65	Bismuth(III) Thiophosphinates: Understanding How a Small Atomic Change Influences Antibacterial Activity and Mammalian Cell Viability. <i>Australian Journal of Chemistry</i> , 2020, 73, 1226.	0.9	3
66	Adsorption of Ink-Jet Inks and Anionic Dyes onto Mg-Al-NO <sub>3</sub> Layered Double Hydroxides of Variable Mg:Al Molar Ratio. <i>Australian Journal of Chemistry</i> , 2010, 63, 83.	0.9	1
67	Synthesis and Characterisation of Heterobimetallic Lanthanoid O $\equiv$ Based Cluster/Cages. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 679-684.	2.0	1
68	Gallium Metal Mediated Allylation of Carbonyl Compounds and Imines under Solvent-Free Conditions.. <i>ChemInform</i> , 2004, 35, no.	0.0	0