

# Phil Liebing

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70  
papers

401  
citations

10  
h-index

15  
g-index

77  
ext. papers

550  
ext. citations

3.4  
avg, IF

3.98  
L-index

#	Paper	IF	Citations
70	Making the SF Group More Accessible: A Gas-Reagent-Free Approach to Aryl Tetrafluoro- $\beta$ -sulfanyl Chlorides. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1950-1954	16.4	39
69	Stabilization of molecular lanthanide polysulfides by bulky scorpionate ligands. <i>Dalton Transactions</i> , <b>2016</b> , 45, 10118-21	4.3	26
68	Synthesis and structural study of new metallasilsesquioxanes of potassium and uranium. <i>Dalton Transactions</i> , <b>2017</b> , 46, 2415-2419	4.3	22
67	A Structurally Characterized Organometallic Plutonium(IV) Complex. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 5066-5070	16.4	22
66	Die SF5-Gruppe zugänglicher gemacht: Eine gasfreie Synthese von Aryl-Tetrafluor- $\beta$ -Sulfanyl-Chloriden. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 1970-1974	3.6	19
65	Perfluoroalkyl Cobaloximes: Preparation Using Hypervalent Iodine Reagents, Molecular Structures, Thermal and Photochemical Reactivity. <i>Organometallics</i> , <b>2018</b> , 37, 570-583	3.8	14
64	5-epi-Incensele: synthesis, X-ray crystal structure and absolute configuration by means of ECD and VCD studies in solution and solid state. <i>Tetrahedron: Asymmetry</i> , <b>2016</b> , 27, 829-833		14
63	A Structurally Characterized Organometallic Plutonium(IV) Complex. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 5148-5152	3.6	13
62	Five different types of $\beta$ -cyclooctatetraenyl-lanthanide half-sandwich complexes from one ligand set, including a "giant neodymium wheel". <i>Dalton Transactions</i> , <b>2016</b> , 45, 13332-46	4.3	12
61	Supramolecular Layer Structures of Mn(II), Co(II), and Cu(II) Complexes with the 3-(1H-Benzotriazol-1-yl)propaneamide Ligand: Metal Coordination vs Hydrogen Bonding. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 3402-3410	3.5	11
60	Photoluminescence properties of the bent sandwich-like compounds [Eu(TpiPr <sub>2</sub> ) <sub>2</sub> ] and [Yb(TpiPr <sub>2</sub> ) <sub>2</sub> ] intermediates between nitride-based phosphors and metallocenes. <i>Journal of Luminescence</i> , <b>2017</b> , 187, 62-68	3.8	10
59	Supramolecular Aggregation of Perfluoroorganyl Iodane Reagents in the Solid State and in Solution. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 3771-3781	3.2	10
58	Synthesis and structural characterization of two complex tantalum(V) siloxides. <i>Inorganic Chemistry Communication</i> , <b>2016</b> , 74, 82-85	3.1	9
57	Dithiocarbamatocarboxylate (DTCC) Ligands-Building Blocks for Hard/Soft-Heterobimetallic Coordination Polymers. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 2825-2832	5.1	8
56	Bright Photoluminescence of [(CptBu <sub>2</sub> ) Ce(ECl)] : A Valuable Technique for the Determination of the Oxidation State of Cerium. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1038-1044	4.5	8
55	Crystal structures of two solvates of (18-crown-6)potassium acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2016</b> , 72, 1757-1761	0.7	8
54	Scandium-Mediated Formation of a Bis(tetrahydropentalene). <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 7238-7241	16.4	7

53	The "Wanderlust" of MeSi groups in rare-earth triple-decker complexes: a combined experimental and computational study. <i>Chemical Communications</i> , <b>2018</b> , 54, 10280-10283	5.8	7
52	Synthesis and Crystal Structures of Lithium, Sodium, and Potassium Derivatives of 2-(Methylthio)aniline and 2-(Phenylthio)aniline. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2015</b> , 641, 1911-1917	1.3	7
51	Molecular Precursors for the Phase-Change Material Germanium-Antimony-Telluride, Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> (GST). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 1150-1166	1.3	6
50	Lanthanide(III) Sandwich and Half-Sandwich Complexes with Bulky Cyclooctatetraenyl Ligands: Synthesis, Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 4840-4849	2.3	6
49	Thallium(I), Silver(I), and Mixed Thallium(I)/Copper(I) Clusters with Bridging {Me <sub>2</sub> Si(N-C <sub>6</sub> H <sub>4</sub> -2-SPH) <sub>2</sub> } <sub>2</sub> Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2016</b> , 642, 500-507	1.3	6
48	Review: the multicolored coordination chemistry of violurate anions. <i>Journal of Coordination Chemistry</i> , <b>2019</b> , 72, 1-34	1.6	6
47	Forty Years after the Discovery of Its Nucleolytic Activity: [Cu(phen) ] Shows Unattended DNA Cleavage Activity upon Fluorination. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 3273-3277	4.8	6
46	Synthesis and Crystal Structures of the First Antimony(III) Aziridinides. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4267-4270	5.1	5
45	Preparative and structural investigation of crown ether adducts of potassium fluorenides. <i>Journal of Organometallic Chemistry</i> , <b>2017</b> , 830, 141-145	2.3	5
44	A Tunable Trifluoromethyliodonium Reagent. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8585-8588	1.3	5
43	Early transition metal and lanthanide metallocenes bearing dihydroazulenide ligands. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 475, 18-27	2.7	5
42	Preparation and crystal structures of silyl-substituted potassium cyclooctatetraenides. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 857, 38-44	2.3	5
41	Catenated and spirocyclic polychalcogenides from potassium carbonate and elemental chalcogens. <i>Chemical Communications</i> , <b>2019</b> , 55, 14965-14967	5.8	5
40	Synthesis and Structural Investigation of Brightly Colored Organoammonium Violurates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2019</b> , 645, 36-43	1.3	5
39	Electronic and Geometric Structures of Paramagnetic Diazadiene Complexes of Lithium and Sodium. <i>ChemistryOpen</i> , <b>2018</b> , 7, 701-708	2.3	5
38	Supramolecular first-row transition metal complexes of 3-(3,5-dimethylpyrazol-1-yl)propanamide: Three different coordination modes. <i>Polyhedron</i> , <b>2019</b> , 164, 228-235	2.7	4
37	Crystal structure of dipotassium -carbodi-thio-ato-l-prolinate trihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2017</b> , 73, 1375-1378	0.7	4
36	Three new types of transition metal carboranylamidinate complexes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 6666-6671	1.4	4

35	Spontaneous vs. Base-Induced Dehydrochlorination of Group 14 ortho-Carboranylaminidates. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 4473-4479	2.3	4
34	Macromolecular Self-Assembly of Organotin(IV) Squarates and Croconates [Preparation and Crystal Structures of [SnMe <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ]C <sub>4</sub> O <sub>4</sub> , [SnMe <sub>3</sub> ] <sub>2</sub> C <sub>4</sub> O <sub>4</sub> , and [SnMe <sub>3</sub> (H <sub>2</sub> O)] <sub>2</sub> C <sub>5</sub> O <sub>5</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 536-543	1.3	3
33	Gold(I) and Silver(I) Complexes with Thioether Functionalized Silylamido Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 1220-1226	1.3	3
32	From zero- to three-dimensional heterobimetallic coordination polymers with the [Pt{SSC-N(CH <sub>2</sub> COO) <sub>2</sub> } <sub>2</sub> ] <sub>4</sub> metalloligand. <i>CrystEngComm</i> , <b>2020</b> , 22, 7838-7846	3.3	3
31	Crystal and molecular structures of two silver(I) amidinates, including an unexpected co-crystal with a lithium amidinate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2016</b> , 72, 1786-1790	0.7	3
30	The Supramolecular Structural Chemistry of Pentafluorosulfanyl and Tetrafluorosulfanyl Compounds. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 6086-6093	4.8	3
29	Unexpected Formation and Structural Characterization of a Dinuclear Sodium Half-Sandwich Complex. <i>Inorganics</i> , <b>2018</b> , 6, 47	2.9	3
28	Ni(II) complexes with thioether-functionalized silylamide ligands. Synthesis and crystal structures of [Ni{Me <sub>2</sub> Si(N-C <sub>6</sub> H <sub>4</sub> -2-S-t-Bu) <sub>2</sub> }], [Ni{Ph <sub>2</sub> Si(N-C <sub>6</sub> H <sub>4</sub> -2-SMe) <sub>2</sub> }] and [Ni{Ph <sub>2</sub> Si(N-C <sub>6</sub> H <sub>4</sub> -2-SPh) <sub>2</sub> }]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2019</b> , 74, 233-240	1	2
27	Synthesis and Structural Characterization of Two New Main Group Element Carboranylaminidates. <i>Inorganics</i> , <b>2019</b> , 7, 41	2.9	2
26	Zn/Ni and Zn/Pd Heterobimetallic Coordination Polymers with [SSC-N(CH <sub>2</sub> COO) <sub>2</sub> ] <sub>3</sub> Ligands. <i>Crystals</i> , <b>2020</b> , 10, 505	2.3	2
25	A Polymorphic Gold(III) Complex Comprising a Multifunctional Triazolylpropanamide Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2018</b> , 644, 270-274	1.3	2
24	Synthesis, characterization and cytotoxicity of new piplartine dimers. <i>Tetrahedron</i> , <b>2016</b> , 72, 1447-1454	2.4	2
23	Synthesis and crystal structures of two new tin bis-(carboranylaminidate) complexes. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2017</b> , 73, 1443-1448	0.7	2
22	Formation and structural characterization of a europium(II) mono(scorpionate) complex and a sterically crowded pyraza-bole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2017</b> , 73, 1921-1925	0.7	2
21	Trifluoromethylated 3-(Pyrazol-1-yl)propanamide (PPA) Ligands. <i>Helvetica Chimica Acta</i> , <b>2020</b> , 103, e2000148		2
20	Azulene-1-carboxylate - A new azulene-based building block for coordination polymers. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 99, 176-179	3.1	2
19	Scandium-Mediated Formation of a Bis(tetrahydropentalene). <i>Angewandte Chemie</i> , <b>2017</b> , 129, 7344-7347	3.6	1
18	Novel Copper(I) Clusters with 2-(Diphenylphosphanyl)anilide Ligands. Synthesis and Crystal Structures of [Cu <sub>6</sub> X <sub>2</sub> (NHR) <sub>4</sub> ] (X = Cl, Br, I; R = C <sub>6</sub> H <sub>4</sub> -2-PPh <sub>2</sub> ). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 203-208	1.3	1

- 17 Synthesis and Structural Characterization of Homo- and Heterometallic Li and Li/Ln Disiloxanediolate Complexes. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2017**, 643, 1920-1928<sup>1,3</sup> 1
- 16 Deliberate synthesis and structural characterization of a scorpionate-supported cerium(III) pentasulfide complex. *Inorganic Chemistry Communication*, **2019**, 106, 34-37 3.1 1
- 15 The Alkali Metal Salts of Methyl Xanthic Acid. *European Journal of Inorganic Chemistry*, **2020**, 2020, 2428-2434 1
- 14 The Manifold Structural Chemistry of Alkali Metal Enediamide Complexes. *European Journal of Inorganic Chemistry*, **2019**, 2019, 3343-3351 2.3 1
- 13 Complexes of palladium(II) chloride with 3-(pyrazol-1-yl)propanamide (PPA) and related ligands. *Polyhedron*, **2019**, 171, 493-501 2.7 1
- 12 catena-Poly[( $\mu$ -nilido)( $\mu$ 1,2-dimethoxyethane- $\mu$ 3-O,O':O)sodium]. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m1315 1
- 11 Crystal structures of two ytterbium(III) complexes comprising alkynylamidinate ligands. *Acta Crystallographica Section E: Crystallographic Communications*, **2016**, 72, 1229-1233 0.7 1
- 10 Rubidium and Cesium Enediamide Complexes Derived from Bulky 1,4-Diazadienes. *ACS Omega*, **2020**, 5, 19061-19069 3.9 1
- 9 High-yield synthesis of a unique Mn(III) siloxide complex through KMnO<sub>4</sub> oxidation of a Mn(II) precursor. *Dalton Transactions*, **2017**, 47, 62-66 4.3 1
- 8 Synthesis and Structure of Alkaline Earth Bis{hydrido-tris(3,5-diisopropyl-pyrazol-1-yl)borate} Complexes: Ae(Tp) (Ae = Mg, Ca, Sr, Ba). *Inorganic Chemistry*, **2021**, 60, 1877-1884 5.1 1
- 7 Unravelling the Mystery: Enlightenment of the Uncommon Electrochemistry of Naphthalene Monoimide [FeFe] Hydrogenase Mimics. *European Journal of Inorganic Chemistry*, **2022**, 2022, 2.3 1
- 6 Synthesis and Structural Investigation of a Complete Series of Brightly Colored Alkali Metal 1,3-Dimethylviolurates. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2020**, 646, 1854-1860 1.3 0
- 5 Synthesis and structural characterization of four di-chlorido-bis-(cyclo-propyl-alkynyl-amidine)-metal complexes. *Acta Crystallographica Section E: Crystallographic Communications*, **2018**, 74, 1658-1664 0.7 0
- 4 Ein abstimmbares Trifluormethylidonium-Reagenz. *Angewandte Chemie*, **2019**, 131, 8675 3.6
- 3 Alkali Metal Dithiocarbamate Carboxylates (DTCCs) Synthesis, Properties, and Crystal Structures. *ChemistrySelect*, **2021**, 6, 11729-11735 1.8
- 2 Formation and structural characterization of a potassium amidino-guanidinate. *Acta Crystallographica Section E: Crystallographic Communications*, **2018**, 74, 1795-1799 0.7
- 1 Crystal Structures and Hydrogen Bonding of Two Complexes containing the [Ammine-chlorido-ethylenediamine-bis(pyridine)cobalt(III)]<sup>2+</sup> Cation. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2016**, 642, 1178-1183 1.3