

# Linda H Doerr

## List of Publications by Year in descending order

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87  
papers

2,479  
citations

159358

30  
h-index

214527

47  
g-index

93  
all docs

93  
docs citations

93  
times ranked

2816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability of Conductance in Molecular Junctions. <i>Journal of Physical Chemistry B</i> , 2006, 110, 2462-2466.	1.2	189
2	Lithium molybdenum nitride (LiMoN <sub>2</sub> ): the first metallic layered nitride. <i>Chemistry of Materials</i> , 1992, 4, 928-937.	3.2	124
3	Equilibria in the B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ·H <sub>2</sub> O system: synthesis and crystal structures of H <sub>2</sub> O·B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> and the anions [HOB(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ] <sup>-</sup> and [(F <sub>5</sub> C <sub>6</sub> ) <sub>3</sub> B(1/4-OH)B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ] <sup>-</sup> . <i>Chemical Communications</i> , 1998, , 2529-2560.	2.2	108
4	Oxidation of [M(1-C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> ], M = Cr, Fe or Co, by the new Brønsted acid H <sub>2</sub> O·B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> yielding the salts [M(1-C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> ·A] <sup>+</sup> , where A = [(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> B(1/4-OH)B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ] <sup>-</sup> or [(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> BOH]S <sub>2</sub> ·A. <i>Chemical Society Dalton Transactions</i> , 1999, , 4325-4329.	1.6	93
5	Steric and electronic effects in metallophilic double salts. <i>Dalton Transactions</i> , 2010, 39, 3543.	1.6	93
6	Chemical tunnel-splitting-engineering in a dysprosium-based molecular nanomagnet. <i>Nature Communications</i> , 2018, 9, 1292.	5.8	81
7	Gold(III) and Platinum(II) Polypyridyl Double Salts and a General Metathesis Route to Metallophilic Interactions. <i>Inorganic Chemistry</i> , 2006, 45, 6120-6122.	1.9	77
8	High-spin Square Planar Co <sup>II</sup> and Fe <sup>II</sup> Complexes and Reasons for Their Electronic Structure. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1000-1005.	7.2	77
9	Synthesis, Tuning of the Stereochemistry, and Physical Properties of Cobalt(II) Tropocoronand Complexes. <i>Inorganic Chemistry</i> , 1995, 34, 5735-5744.	1.9	74
10	Pentamethylcyclopentadienyl and Cyclopentadienyl Tantalum and Niobium Calixarene Compounds and Their Water and Acetonitrile Inclusion Complexes. <i>Inorganic Chemistry</i> , 1995, 34, 2542-2556.	1.9	65
11	Stability of Superparamagnetic Iron Oxide Nanoparticles at Different pH Values: Experimental and Theoretical Analysis. <i>Langmuir</i> , 2012, 28, 6246-6255.	1.6	51
12	Homoleptic Cobalt and Copper Phenolate A <sub>2</sub> [M(OAr) <sub>4</sub> ] Compounds: The Effect of Phenoxide Fluorination. <i>Inorganic Chemistry</i> , 2004, 43, 7709-7725.	1.9	48
13	Thalophilic Interactions in Aryloxide Compounds: The {Ti <sub>2</sub> (1/2-OAr) <sub>4</sub> } Structural Motif in (TiOAr) <sub>4</sub> and Ti <sub>2</sub> Cu(OAr) <sub>4</sub> Compounds. <i>Inorganic Chemistry</i> , 2006, 45, 3864-3877.	1.9	47
14	Pentacoordinate Cobalt(III) Thiolate and Nitrosyl Tropocoronand Compounds. <i>Inorganic Chemistry</i> , 2001, 40, 3774-3780.	1.9	46
15	Three-coordinate late transition metal fluorinated alkoxide complexes. <i>Dalton Transactions</i> , 2010, 39, 374-383.	1.6	42
16	METALLOPHILIC INTERACTIONS IN DOUBLE SALTS: TOWARD 1D METAL ATOM CHAINS. <i>Comments on Inorganic Chemistry</i> , 2008, 29, 93-127.	3.0	41
17	Thiocyanate-Ligated Heterobimetallic {PtM} Lantern Complexes Including a Ferromagnetically Coupled 1D Coordination Polymer. <i>Inorganic Chemistry</i> , 2016, 55, 8099-8109.	1.9	41
18	Imposing high-symmetry and tuneable geometry on lanthanide centres with chelating Pt and Pd metalloligands. <i>Chemical Science</i> , 2017, 8, 3566-3575.	3.7	41

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19	Evidence for cationic Group 4 zirconocene complexes with intramolecular phenyl co-ordination. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2111.	1.1	40
20	Structural and Electronic Properties of Old and New $A_{2+}[M(\text{pin})_2F_2]$ Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 14050-14063.	1.9	39
21	Weakly-coordinating anions stabilise the unprecedented monovalent and divalent $\eta^1$ -benzene nickel cations $[(\eta^1\text{-C}_5\text{H}_5)\text{Ni}(\eta^1\text{-C}_6\text{H}_6)\text{Ni}(\eta^1\text{-C}_5\text{H}_5)]^{2+}$ and $[\text{Ni}(\eta^1\text{-C}_6\text{H}_6)_2]^{2+}$ . <i>Chemical Communications</i> , 2000, , 779-780.	2.2	38
22	Synthesis with Structural and Electronic Characterization of Homoleptic Fe(II)- and Fe(III)-Fluorinated Phenolate Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 6584-6596.	1.9	38
23	Antiferromagnetic coupling across a tetrametallic unit through noncovalent interactions. <i>Chemical Science</i> , 2012, 3, 602-609.	3.7	38
24	Synthesis and Electronic Spectra of Fluorinated Aryloxide and Alkoxide $[\text{NiX}_4]^{2-}$ Anions. <i>Inorganic Chemistry</i> , 2009, 48, 4274-4276.	1.9	37
25	Heterobimetallic Lantern Complexes and Their Novel Structural and Magnetic Properties. <i>Accounts of Chemical Research</i> , 2018, 51, 1063-1072.	7.6	37
26	Room Temperature Stable Organocuprate Copper(III) Complex. <i>Organometallics</i> , 2013, 32, 3429-3436.	1.1	35
27	Tuning of Electronic Properties and Reactivity in Four-Coordinate Cobalt(III) Complexes by the Tetraazamacrocyclic Tropocoronand Ligand. <i>Inorganic Chemistry</i> , 1997, 36, 3578-3579.	1.9	34
28	Reactions of transition-metal nitrido compounds with $\text{B}(\text{C}_6\text{F}_5)_3$ crystal structure of $[\text{Re}\{\text{NB}(\text{C}_6\text{F}_5)_3\}(\text{PMe}_2\text{Ph})(\text{S}_2\text{CNMe}_2)_2]$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3941-3946.	1.1	33
29	$\sigma$ -F/O Interactions Bridge Copper(I) Fluorinated Alkoxide Complexes and Facilitate Dioxygen Activation. <i>Chemistry - A European Journal</i> , 2013, 19, 6374-6384.	1.7	32
30	Group 5ansa-Metalloenes: Structural and Dynamic Properties of Tetrahydroborate Complexes. <i>Organometallics</i> , 2000, 19, 630-637.	1.1	30
31	Syntheses of the Uranium Complexes $[\text{U}\{\text{N}(\text{SiMe}_3)_2\}_2\{\text{N}(\text{SiMe}_3)(\text{SiMe}_2\text{CH}_2\text{B}(\text{C}_6\text{F}_5)_3)\}]$ and $[\text{U}\{\text{C}(\text{Ph})(\text{NSiMe}_3)_2\}_2\{\eta^3\text{-BH}_4\}_2]$ . Determination of Hydrogen Positions by Single-Crystal X-ray and Neutron Diffraction. <i>Inorganic Chemistry</i> , 1998, 37, 1315-1323.	1.9	29
32	Reactions of oxo- and peroxy-molybdenum complexes with $\text{B}(\text{C}_6\text{F}_5)_3$ : crystal structures of <i>cis</i> - $[\text{MoO}\{\text{OB}(\text{C}_6\text{F}_5)_3\}(\eta^1\text{-ONeEt}_2)_2]$ and <i>cis</i> - $[\text{MoO}\{\text{OB}(\text{C}_6\text{F}_5)_3\}(\eta^1\text{-2-PhN}(\text{O})\text{C}(\text{O})\text{Ph})_2]$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3191-3194.	1.1	28
33	Electrophilic addition reactions of the Lewis acids $\text{B}(\text{C}_6\text{F}_5)_2\text{R}$ [ $\text{R} = \text{C}_6\text{F}_5, \text{Ph}, \text{H}$ or $\text{Cl}$ ] with the metallocene hydrides $[\text{M}(\eta^1\text{-C}_5\text{H}_5)_2\text{H}_2]$ ( $\text{M} = \text{Mo}$ or $\text{W}$ ), $[\text{Re}(\eta^1\text{-C}_5\text{H}_5)_2\text{H}]$ and $[\text{Ta}(\eta^1\text{-C}_5\text{H}_5)_2\text{H}_3]$ . <i>Dalton Transactions RSC</i> , 2000, , 813-820.	2.3	28
34	Heterobimetallic Lantern Complexes That Couple Antiferromagnetically through Noncovalent Pt $\cdots$ Pt Interactions. <i>Inorganic Chemistry</i> , 2013, 52, 4926-4933.	1.9	28
35	Studies of ansa-bis(cyclopentadienyl)tungsten derivatives. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2689-2696.	1.1	26
36	Reactions of vanadium, molybdenum and rhenium tris(pyrazolyl)borate-stabilised oxometal complexes with $\text{B}(\text{C}_6\text{F}_5)_3$ : crystal structures of $[\text{Mo}\{\text{OB}(\text{C}_6\text{F}_5)_3\}\{\text{HB}(\text{dmpz})_3\}(\text{S}_2\text{CNMe}_2)]$ and $[\text{Mo}\{\text{OB}(\text{C}_6\text{F}_5)_3\}\{\text{HB}(\text{dmpz})_3\}(\text{OCH}_2\text{CH}_2\text{O})]$ ( $\text{dmpz} = 3,5\text{-dimethylpyrazolyl}$ ). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2483-2488.	1.1	25

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37	Adducts of the Lewis acid [B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ] with transition metal oxo compounds. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1061-1066.	1.1	25
38	Efficacy of Au <sup>+</sup> -Au Contacts for Scanning Tunneling Microscopy Molecular Conductance Measurements. <i>Journal of Physical Chemistry C</i> , 2007, 111, 17635-17639.	1.5	25
39	Zinc and Cadmium Tropocoronand Complexes: Effect of Metal Ion Radius on Macrocyclic Ligand Twist and Fold. <i>Inorganic Chemistry</i> , 1997, 36, 2554-2563.	1.9	24
40	Pt <sup>+</sup> -Pt vs Pt <sup>+</sup> -S Contacts Between Pt-Containing Heterobimetallic Lantern Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 13562-13575.	1.9	24
41	Niobium- and tantalum-benzamidinato complexes with trimethylphosphine, imido, or $\eta^5$ -cyclopentadienyl derivatives. <i>Dalton Transactions RSC</i> , 2000, , 967-974.	2.3	23
42	Hard <sup>+</sup> Soft Chemistry Design Principles for Predictive Assembly of Single Molecule-Metal Junctions. <i>Journal of the American Chemical Society</i> , 2021, 143, 16439-16447.	6.6	23
43	Electronic Structure of $\eta^2$ -Na <sub>2</sub> V <sub>2</sub> O <sub>5</sub> (<math>\chi</math> = 0.33) Polycrystalline Films: Growth, Spectroscopy, and Theory. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1081-1094.	1.5	21
44	Red and yellow solvates of chloro(2,2',6',6'-terpyridine)platinum(II) chloride and Pt...Pt interactions. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, m340-m342.	0.4	20
45	Pt <sup>+</sup> -Mg, Pt <sup>+</sup> -Ca, and Pt <sup>+</sup> -Zn Lantern Complexes and Metal-Only Donor <sup>+</sup> -Acceptor Interactions. <i>Inorganic Chemistry</i> , 2017, 56, 452-469.	1.9	20
46	Electronic Influences on Metallophilic Interactions in [Pt(tpy)X][Au(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> ] <sub>2</sub> Double Salts. <i>Inorganic Chemistry</i> , 2010, 49, 9265-9274.	1.9	18
47	Metal <sup>+</sup> -metal stacking patterns between and with [Pt(tpy)X] <sup>+</sup> cations. <i>Inorganica Chimica Acta</i> , 2010, 364, 195-204.	1.2	17
48	A structural and spectroscopic overview of molecular lanthanide complexes with fluorinated O-donor ligands. <i>Coordination Chemistry Reviews</i> , 2020, 404, 213098.	9.5	17
49	Tris(t-butyl)terpyridine-copper(II) complexes and ligand field effects. <i>Dalton Transactions</i> , 2009, , 1155-1163.	1.6	14
50	Synthesis and structural characterization of Groups 10 and 11 mononuclear fluoroaryloxo complexes. <i>Polyhedron</i> , 2005, 24, 1803-1812.	1.0	13
51	Platinum(IV)- $\eta^3$ -terpyridine complexes: synthesis with spectroscopic and structural characterization. <i>Chemical Communications</i> , 2010, 46, 4968.	2.2	13
52	Quasi-1D chains of dinickel lantern complexes and their magnetic properties. <i>Dalton Transactions</i> , 2017, 46, 5546-5557.	1.6	13
53	On the Way to a Trisanionic {Cu <sub>3</sub> O <sub>2</sub> } Core for Oxidase Catalysis: Evidence of an Asymmetric Trinuclear Precursor Stabilized by Perfluoropinacolate Ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 8212-8224.	1.7	12
54	Fluorinated phenolates in monomeric and dimeric Co(II) compounds. <i>Polyhedron</i> , 2013, 52, 276-283.	1.0	11

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55	Cu in biology: Unleashed by O <sub>2</sub> and now irreplaceable. <i>Inorganica Chimica Acta</i> , 2018, 481, 4-24.	1.2	11
56	Cu(I)-O <sub>2</sub> oxidation reactions in a fluorinated all-O-donor ligand environment. <i>Dalton Transactions</i> , 2019, 48, 4759-4768.	1.6	11
57	Metallophilic interactions in iodido(2,2,6,6-tetramethyl-2-terpyridine)platinum(II) diiodidoaurate(I). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m231-m234.	0.4	10
58	Zinc(II) complexes with fluorinated monodentate aryloxy and alkoxide ligands. <i>Polyhedron</i> , 2013, 58, 218-228.	1.0	10
59	Square-planar Co(III) in {O <sub>4</sub> } coordination: large ZFS and reactivity with ROS. <i>Chemical Communications</i> , 2018, 54, 12045-12048.	2.2	9
60	Luminescence of Lanthanide Complexes with Perfluorinated Alkoxide Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 9807-9823.	1.9	9
61	Group 6 transition metal carbonyl complexes with chalcogen-bridged diarsenic(III) ligands. <i>Dalton Transactions RSC</i> , 2000, , 3347-3355.	2.3	8
62	Heterobimetallic {PtMn} and {PtFe} lantern complexes with exceptionally long metallophilic contacts. <i>Inorganica Chimica Acta</i> , 2019, 493, 81-90.	1.2	8
63	Dual oxidase/oxygenase reactivity and resonance Raman spectra of {Cu <sub>3</sub> O <sub>2</sub> } moiety with perfluoro- <i>t</i> -butoxy ligands. <i>Dalton Transactions</i> , 2019, 48, 6899-6909.	1.6	8
64	Formation of monomeric Sn(II) and Sn(IV) perfluoropinacolate complexes and their characterization by <sup>119</sup> Sn Mössbauer and <sup>119</sup> Sn NMR spectroscopies. <i>Dalton Transactions</i> , 2020, 49, 13773-13785.	1.6	8
65	Synthesis, structure and density functional study of the ansa-rhenocene complex [Re{(1-C <sub>5</sub> H <sub>4</sub> )CMe <sub>2</sub> (1-C <sub>5</sub> H <sub>4</sub> )Cl}] <sup>+</sup> . <i>Dalton Transactions RSC</i> , 2000, , 329-333.	2.3	7
66	Short, strong hydrogen bond between an aryloxy and phenol in aprotic media. <i>Journal of Molecular Structure</i> , 2003, 657, 19-24.	1.8	7
67	LCu(1/4-X)2CuL compounds: An induced cuprophilic interaction. <i>Polyhedron</i> , 2016, 116, 204-215.	1.0	7
68	Vibrational Signature of Metallophilic Interactions in [Pt(terpy)Cl][Au(CN) <sub>2</sub> ]. <i>Journal of Physical Chemistry C</i> , 2021, 125, 22188-22194.	1.5	7
69	Aqueous Superparamagnetic Magnetite Dispersions with Ultrahigh Initial Magnetic Susceptibilities. <i>Langmuir</i> , 2018, 34, 622-629.	1.6	6
70	Reversible PCET and Ambient Catalytic Oxidative Alcohol Dehydrogenation by {V=O} Perfluoropinacolate Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 16500-16513.	1.9	6
71	Variable-temperature diffraction study of the barrier to rotation and zero-point motion in bis(1-6-benzene)chromium. <i>Chemical Physics Letters</i> , 2000, 319, 423-426.	1.2	5
72	Aurophilic interactions in 1/4-p-phenylenediethynyl-bis[(trimethyl phosphite)gold(I)] dichloromethane hemisolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, m90-m92.	0.4	5

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73	Synthesis, structure, and electronic properties of late first-row transition metal complexes of fluorinated alkoxides and aryloxides. <i>Polyhedron</i> , 2020, 190, 114765.	1.0	5
74	Hydrogen/deuterium exchange in alkyl-hydride derivatives of ansa-tungstenocene compounds. <i>Polyhedron</i> , 2005, 24, 1388-1403.	1.0	4
75	Bromido(2,2,6,6-tetramethyl-2,2'-terpyridine)platinum(II) dibromidoaurate(I) dimethyl sulfoxide solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1135-m1135.	0.2	4
76	Electronic structure of N,N'-ethylene-bis(1,1,1-trifluoropentane-2,4-dioneiminato)-copper(II) (Cu-TFAC), from soft X-ray spectroscopies and density functional theory calculations. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 3171.	1.3	4
77	Heterotrimetallic {LnOVPt} complexes with antiferromagnetic Ln-V coupling and magnetic memory. <i>Chemical Communications</i> , 2020, 56, 11062-11065.	2.2	4
78	Phosphine ligands as protecting groups for 3d complexes in oxidation by O <sub>2</sub> . <i>Polyhedron</i> , 2020, 186, 114609.	1.0	4
79	Comparison of {O,S}- vs {N,S}-donor ligands in PtNi heterobimetallic lantern complexes. <i>Polyhedron</i> , 2021, 208, 115403.	1.0	3
80	Transition Metal Carbonyl Cluster Chemistry (by Dyson, Paul J.; McIndoe, J. Scott). <i>Journal of Chemical Education</i> , 2002, 79, 677.	1.1	1
81	Thiolate-Thione Redox-Active Ligand with a Six-Membered Chelate Ring via Template Condensation and Its Pt(II) Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 13376-13387.	1.9	1
82	Synthesis and Characterization of a Cationic Cyclopentadienyl Nickel(II) Complex of Bis(mesityl-imino)acenaphthene and its Evaluation as a New Catalyst Precursor for Ethylene Polymerization. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	1
83	Extra-long C-C single bonds via negative hyperconjugation in perfluoropinacolate complexes. <i>Polyhedron</i> , 2022, , 116040.	1.0	1
84	Synthesis, Tuning of the Stereochemistry, and Physical Properties of Cobalt(II) Tropocoronand Complexes. <i>Inorganic Chemistry</i> , 1996, 35, 6630-6630.	1.9	0
85	Iron, Nature's Universal Element: Why People Need Iron and Animals Make Magnets (Vorburger,) <i>TJ ETQq1 1 0.784314 rgBT /Overlock</i>	1.1	0
86	The Ingredients: A Guided Tour of the Elements (Ball, Philip). <i>Journal of Chemical Education</i> , 2003, 80, 387.	1.1	0
87	Effect of lattice mismatch on film morphology of the quasi-one dimensional conductor $K_{0.3}MoO_3$ . <i>RSC Advances</i> , 2022, 12, 4521-4525.	1.7	0