

Linda H Doerr

List of Publications by Year in descending order

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2816
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of lattice mismatch on film morphology of the quasi-one dimensional conductor $K_{0.3}MoO_3$. RSC Advances, 2022, 12, 4521-4525.	3.6	0
2	Extra-long C C single bonds via negative hyperconjugation in perfluoropinacolate complexes. Polyhedron, 2022, , 116040.	2.2	1
3	Thiolate-Thione Redox-Active Ligand with a Six-Membered Chelate Ring via Template Condensation and Its Pt(II) Complexes. Inorganic Chemistry, 2021, 60, 13376-13387.	4.0	1
4	Hardâ€“Soft Chemistry Design Principles for Predictive Assembly of Single Molecule-Metal Junctions. Journal of the American Chemical Society, 2021, 143, 16439-16447.	13.7	23
5	Vibrational Signature of Metallophilic Interactions in $[Pt(terpy)Cl][Au(CN)_2]$. Journal of Physical Chemistry C, 2021, 125, 22188-22194.	3.1	7
6	Comparison of {O,S}- vs {N,S}-donor ligands in PtNi heterobimetallic lantern complexes. Polyhedron, 2021, 208, 115403.	2.2	3
7	A structural and spectroscopic overview of molecular lanthanide complexes with fluorinated O-donor ligands. Coordination Chemistry Reviews, 2020, 404, 213098.	18.8	17
8	Synthesis, structure, and electronic properties of late first-row transition metal complexes of fluorinated alkoxides and aryloxides. Polyhedron, 2020, 190, 114765.	2.2	5
9	Reversible PCET and Ambient Catalytic Oxidative Alcohol Dehydrogenation by {V=O} Perfluoropinacolate Complexes. Inorganic Chemistry, 2020, 59, 16500-16513.	4.0	6
10	Heterotrimetallic {LnOVPt} complexes with antiferromagnetic Lnâ€“V coupling and magnetic memory. Chemical Communications, 2020, 56, 11062-11065.	4.1	4
11	Luminescence of Lanthanide Complexes with Perfluorinated Alkoxide Ligands. Inorganic Chemistry, 2020, 59, 9807-9823.	4.0	9
12	Phosphine ligands as protecting groups for 3d complexes in oxidation by O ₂ . Polyhedron, 2020, 186, 114609.	2.2	4
13	Formation of monomeric Sn(ⁱⁱ) and Sn(^{iv}) perfluoropinacolate complexes and their characterization by ¹¹⁹ Sn MÃ¶ssbauer and ¹¹⁹ Sn NMR spectroscopies. Dalton Transactions, 2020, 49, 13773-13785.	3.3	8
14	Heterobimetallic {PtMn} and {PtFe} lantern complexes with exceptionally long metallophilic contacts. Inorganica Chimica Acta, 2019, 493, 81-90.	2.4	8
15	Dual oxidase/oxygenase reactivity and resonance Raman spectra of {Cu ₃ O ₂ } moiety with perfluoro-t-butoxide ligands. Dalton Transactions, 2019, 48, 6899-6909.	3.3	8
16	Cu(i)â€“O ₂ oxidation reactions in a fluorinated all-O-donor ligand environment. Dalton Transactions, 2019, 48, 4759-4768.	3.3	11
17	Heterobimetallic Lantern Complexes and Their Novel Structural and Magnetic Properties. Accounts of Chemical Research, 2018, 51, 1063-1072.	15.6	37
18	Aqueous Superparamagnetic Magnetite Dispersions with Ultrahigh Initial Magnetic Susceptibilities. Langmuir, 2018, 34, 622-629.	3.5	6

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19	Chemical tunnel-splitting-engineering in a dysprosium-based molecular nanomagnet. <i>Nature Communications</i> , 2018, 9, 1292.	12.8	81
20	Cu in biology: Unleashed by O ₂ and now irreplaceable. <i>Inorganica Chimica Acta</i> , 2018, 481, 4-24.	2.4	11
21	Square-planar Co(III) in {O ₄ } coordination: large ZFS and reactivity with ROS. <i>Chemical Communications</i> , 2018, 54, 12045-12048.	4.1	9
22	On the Way to a Trisanionic {Cu ₃ O ₂ } Core for Oxidase Catalysis: Evidence of an Asymmetric Trinuclear Precursor Stabilized by Perfluoropinacolate Ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 8212-8224.	3.3	12
23	Imposing high-symmetry and tuneable geometry on lanthanide centres with chelating Pt and Pd metalloligands. <i>Chemical Science</i> , 2017, 8, 3566-3575.	7.4	41
24	Quasi-1D chains of dinickel lantern complexes and their magnetic properties. <i>Dalton Transactions</i> , 2017, 46, 5546-5557.	3.3	13
25	Pt-Mg, Pt-Ca, and Pt-Zn Lantern Complexes and Metal-Only Donor-Acceptor Interactions. <i>Inorganic Chemistry</i> , 2017, 56, 452-469.	4.0	20
26	LCu(1/4-X)2CuL compounds: An induced cuprophilic interaction. <i>Polyhedron</i> , 2016, 116, 204-215.	2.2	7
27	Thiocyanate-Ligated Heterobimetallic {PtM} Lantern Complexes Including a Ferromagnetically Coupled 1D Coordination Polymer. <i>Inorganic Chemistry</i> , 2016, 55, 8099-8109.	4.0	41
28	Electronic Structure of \hat{V}^{2+} -Na _x V ₂ O ₅ ($x \approx 0.33$) Polycrystalline Films: Growth, Spectroscopy, and Theory. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1081-1094.	3.1	21
29	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
30	Zinc(II) complexes with fluorinated monodentate aryloxy and alkoxide ligands. <i>Polyhedron</i> , 2013, 58, 218-228.	2.2	10
31	Pt-Pt vs Pt-S Contacts Between Pt-Containing Heterobimetallic Lantern Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 13562-13575.	4.0	24
32	Fluorinated phenolates in monomeric and dimeric Co(II) compounds. <i>Polyhedron</i> , 2013, 52, 276-283.	2.2	11
33	Room Temperature Stable Organocuprate Copper(III) Complex. <i>Organometallics</i> , 2013, 32, 3429-3436.	2.3	35
34	Heterobimetallic Lantern Complexes That Couple Antiferromagnetically through Noncovalent Pt-Pt Interactions. <i>Inorganic Chemistry</i> , 2013, 52, 4926-4933.	4.0	28
35	Structural and Electronic Properties of Old and New A ₂ [M(pnF) ₂] Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 14050-14063.	4.0	39
36	K...F/O Interactions Bridge Copper(I) Fluorinated Alkoxide Complexes and Facilitate Dioxygen Activation. <i>Chemistry - A European Journal</i> , 2013, 19, 6374-6384.	3.3	32

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37	Antiferromagnetic coupling across a tetrametallic unit through noncovalent interactions. <i>Chemical Science</i> , 2012, 3, 602-609.	7.4	38
38	Stability of Superparamagnetic Iron Oxide Nanoparticles at Different pH Values: Experimental and Theoretical Analysis. <i>Langmuir</i> , 2012, 28, 6246-6255.	3.5	51
39	High-spin Square Planar Co ^{II} and Fe ^{II} Complexes and Reasons for Their Electronic Structure. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1000-1005.	13.8	77
40	Synthesis with Structural and Electronic Characterization of Homoleptic Fe(II)- and Fe(III)-Fluorinated Phenolate Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 6584-6596.	4.0	38
41	Metal-metal stacking patterns between and with [Pt(tpy)X] ⁺ cations. <i>Inorganica Chimica Acta</i> , 2010, 364, 195-204.	2.4	17
42	Three-coordinate late transition metal fluorinated alkoxide complexes. <i>Dalton Transactions</i> , 2010, 39, 374-383.	3.3	42
43	Electronic Influences on Metallophilic Interactions in [Pt(tpy)X][Au(C ₆ F ₅) ₂] Double Salts. <i>Inorganic Chemistry</i> , 2010, 49, 9265-9274.	4.0	18
44	Steric and electronic effects in metallophilic double salts. <i>Dalton Transactions</i> , 2010, 39, 3543.	3.3	93
45	Platinum(IV)-tris-terpyridine complexes: synthesis with spectroscopic and structural characterization. <i>Chemical Communications</i> , 2010, 46, 4968.	4.1	13
46	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.	2.8	4
47	Synthesis and Electronic Spectra of Fluorinated Aryloxide and Alkoxide [NiX ₄] ²⁻ Anions. <i>Inorganic Chemistry</i> , 2009, 48, 4274-4276.	4.0	37
48	Tris(t-butyl)terpyridine-copper(II) complexes and ligand field effects. <i>Dalton Transactions</i> , 2009, 1155-1163.	3.3	14
49	Bromido(2,2',6',6'-terpyridine)platinum(II) dibromidoaurate(I) dimethyl sulfoxide solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1135-m1135.	0.2	4
50	METALLOPHILIC INTERACTIONS IN DOUBLE SALTS: TOWARD 1D METAL ATOM CHAINS. <i>Comments on Inorganic Chemistry</i> , 2008, 29, 93-127.	5.2	41
51	Efficacy of Au-Au Contacts for Scanning Tunneling Microscopy Molecular Conductance Measurements. <i>Journal of Physical Chemistry C</i> , 2007, 111, 17635-17639.	3.1	25
52	Metallophilic interactions in iodido(2,2',6',6'-terpyridine)platinum(II) diiodidoaurate(I). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m231-m234.	0.4	10
53	Gold(III) and Platinum(II) Polypyridyl Double Salts and a General Metathesis Route to Metallophilic Interactions. <i>Inorganic Chemistry</i> , 2006, 45, 6120-6122.	4.0	77
54	Variability of Conductance in Molecular Junctions. <i>Journal of Physical Chemistry B</i> , 2006, 110, 2462-2466.	2.6	189

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55	Thalophilic Interactions in Aryloxide Compounds: The $\{Ti_2(\eta^{1/2}-OAr)_4\}$ Structural Motif in $(TiOAr)_4$ and $Ti_2Cu(OAr)_4$ Compounds. <i>Inorganic Chemistry</i> , 2006, 45, 3864-3877.	4.0	47
56	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
57	Hydrogen/deuterium exchange in alkyl-hydride derivatives of ansa-tungstenocene compounds. <i>Polyhedron</i> , 2005, 24, 1388-1403.	2.2	4
58	Synthesis and structural characterization of Groups 10 and 11 mononuclear fluoroaryloxide complexes. <i>Polyhedron</i> , 2005, 24, 1803-1812.	2.2	13
59	Auophilic interactions in η^1 -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
60	Homoleptic Cobalt and Copper Phenolate $A_2[M(OAr)_4]$ Compounds: The Effect of Phenoxide Fluorination. <i>Inorganic Chemistry</i> , 2004, 43, 7709-7725.	4.0	48
61	Short, strong hydrogen bond between an aryloxide and phenol in aprotic media. <i>Journal of Molecular Structure</i> , 2003, 657, 19-24.	3.6	7
62	The Ingredients: A Guided Tour of the Elements (Ball, Philip). <i>Journal of Chemical Education</i> , 2003, 80, 387.	2.3	0
63	Transition Metal Carbonyl Cluster Chemistry (by Dyson, Paul J.; McIndoe, J. Scott). <i>Journal of Chemical Education</i> , 2002, 79, 677.	2.3	1
64	Iron, Nature's Universal Element: Why People Need Iron and Animals Make Magnets (Vorburger,) <i>TJ ETQq0 0 0 rgBT/Overlock 10 Tf 50 3</i>	2.3	0
65	Pentacoordinate Cobalt(III) Thiolate and Nitrosyl Tropocoronand Compounds. <i>Inorganic Chemistry</i> , 2001, 40, 3774-3780.	4.0	46
66	Variable-temperature diffraction study of the barrier to rotation and zero-point motion in bis(η^6 -benzene)chromium. <i>Chemical Physics Letters</i> , 2000, 319, 423-426.	2.6	5
67	Weakly-coordinating anions stabilise the unprecedented monovalent and divalent η^1 -benzene nickel cations $[(\eta^1-C_5H_5)Ni(\eta^1-C_6H_6)Ni(\eta^1-C_5H_5)]^{2+}$ and $[Ni(\eta^1-C_6H_6)_2]^{2+}$. <i>Chemical Communications</i> , 2000, , 779-780.	4.1	38
68	Electrophilic addition reactions of the Lewis acids $B(C_6F_5)_2R$ [$R = \dots = C_6F_5, Ph, H$ or Cl] with the metallocene hydrides $[M(\eta^1-C_5H_5)_2H_2]$ ($M = \dots = Mo$ or W), $[Re(\eta^1-C_5H_5)_2H]$ and $[Ta(\eta^1-C_5H_5)_2H_3]$. <i>Dalton Transactions RSC</i> , 2000, , 813-820.	2.3	28
69	Synthesis, structure and density functional study of the ansa-rhenocene complex $[Re(\eta^1-C_5H_4)CMe_2(\eta^1-C_5H_4)Cl] \cdot \dots$. <i>Dalton Transactions RSC</i> , 2000, , 329-333.	2.3	7
70	Group 6 transition metal carbonyl complexes with chalcogen-bridged diarsenic(III) ligands. <i>Dalton Transactions RSC</i> , 2000, , 3347-3355.	2.3	8
71	Niobium- and tantalum-benzamidinato complexes with trimethylphosphine, imido, or η^1 -cyclopentadienyl derivatives. <i>Dalton Transactions RSC</i> , 2000, , 967-974.	2.3	23
72	Group 5ansa-Metallocenes: Structural and Dynamic Properties of Tetrahydroborate Complexes. <i>Organometallics</i> , 2000, 19, 630-637.	2.3	30

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73	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
74	Oxidation of $[M(\eta^5\text{-C}_5\text{H}_5)_2]$, $M = \text{Cr, Fe or Co}$, by the new Brønsted acid $\text{H}_2\text{O} \cdot \text{B}(\text{C}_6\text{F}_5)_3$ yielding the salts $[M(\eta^5\text{-C}_5\text{H}_5)_2]^+ \text{A}^-$, where $\text{A}^- = [(\text{C}_6\text{F}_5)_3\text{B}(\eta^4\text{-OH})\text{B}(\text{C}_6\text{F}_5)_3]^-$ or $[(\text{C}_6\text{F}_5)_3\text{BOH} \cdot \text{S}(\text{C}_6\text{F}_5)_3]^-$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 4325-4329.	1.1	25
75	Adducts of the Lewis acid $[\text{B}(\text{C}_6\text{F}_5)_3]$ with transition metal oxo compounds. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1061-1066.	1.1	28
76	Reactions of oxo- and peroxy-molybdenum complexes with $\text{B}(\text{C}_6\text{F}_5)_3$: crystal structures of <i>cis</i> - $[\text{MoO}\{\text{OB}(\text{C}_6\text{F}_5)_3\}(\eta^2\text{-ONeEt}_2)_2]$ and <i>cis</i> - $[\text{MoO}\{\text{OB}(\text{C}_6\text{F}_5)_3\}(\eta^2\text{-PhN}(\text{O})\text{C}(\text{O})\text{Ph})_2]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3191-3194.	1.1	33
77	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.	4.0	29
78	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 $[\text{U}\{\text{C}(\text{Ph})(\text{NSiMe}_3)_2\}_2\{\eta^4\text{-BH}_4\}_2]$. Determination of Hydrogen Positions by Single-Crystal X-ray and Neutron Diffraction. <i>Inorganic Chemistry</i> , 1998, 37, 1315-1323.	1.1	26
79	Studies of ansa-bis(cyclopentadienyl)tungsten derivatives. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2689-2696.	4.1	108
80	Equilibria in the $\text{B}(\text{C}_6\text{F}_5)_3 \cdot \text{H}_2\text{O}$ system: synthesis and crystal structures of $\text{H}_2\text{O} \cdot \text{B}(\text{C}_6\text{F}_5)_3$ and the anions $[\text{HOB}(\text{C}_6\text{F}_5)_3]^-$ and $[(\text{F}_5\text{C}_6)_3\text{B}(\eta^4\text{-OH})\text{B}(\text{C}_6\text{F}_5)_3]^-$. <i>Chemical Communications</i> , 1998, , 2529-2560.	1.1	25
81	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 $[\text{Mo}\{\text{OB}(\text{C}_6\text{F}_5)_3\}\{\text{HB}(\text{dmpz})_3\}(\text{OCH}_2\text{CH}_2\text{O})]$ (dmpz = 3,5-dimethylpyrazolyl). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2483-2488.	4.0	24
82	Zinc and Cadmium Tropocoronand Complexes: Effect of Metal Ion Radius on Macrocyclic Ligand Twist and Fold. <i>Inorganic Chemistry</i> , 1997, 36, 2554-2563.	4.0	34
83	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.	4.0	0
84	Synthesis, Tuning of the Stereochemistry, and Physical Properties of Cobalt(II) Tropocoronand Complexes. <i>Inorganic Chemistry</i> , 1996, 35, 6630-6630.	4.0	74
85	Synthesis, Tuning of the Stereochemistry, and Physical Properties of Cobalt(II) Tropocoronand Complexes. <i>Inorganic Chemistry</i> , 1995, 34, 5735-5744.	4.0	65
86	Pentamethylcyclopentadienyl and Cyclopentadienyl Tantalum and Niobium Calixarene Compounds and Their Water and Acetonitrile Inclusion Complexes. <i>Inorganic Chemistry</i> , 1995, 34, 2542-2556.	6.7	124
87	Lithium molybdenum nitride (LiMoN_2): the first metallic layered nitride. <i>Chemistry of Materials</i> , 1992, 4, 928-937.		