

Alan J Lough

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/484217/publications.pdf>

Version: 2024-02-01

193
papers

7,445
citations

61945

43
h-index

58549

82
g-index

200
all docs

200
docs citations

200
times ranked

5158
citing authors

#	ARTICLE	IF	CITATIONS
19	Why Diorganyl Zinc Lewis Acidity Dramatically Increases with Narrowing C–Zn–C Bond Angle. <i>Inorganic Chemistry</i> , 2020, 59, 2621-2625.	1.9	4
20	Crystal structure of bis[(<i>trans</i>)-1,2-(binaphthylphosphonito)ethane]dichloridoiron(II) dichloromethane disolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1525-1527.	0.2	1
21	Platinum(II) complex with 4-nitro-(<i>pyridin-2-ylmethylidene</i>)aniline: synthesis, characterization, crystal structure and antioxidant activity. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 1005-1009.	0.2	0
22	Hypercoordinated organotin(IV) compounds containing C,O- and C,N- chelating ligands: Synthesis, characterisation, DFT studies and polymerization behaviour. <i>Journal of Organometallic Chemistry</i> , 2019, 900, 120910.	0.8	10
23	2-Adamantyl Complexes of Platinum. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1288-1291.	1.0	3
24	Enantioselective Hydrogenation of Activated Aryl Imines Catalyzed by an Iron(II) P-NH-P ² Complex. <i>Journal of Organic Chemistry</i> , 2019, 84, 12040-12049.	1.7	35
25	Synthesis and characterisation of ² - <i>N</i> , <i>O</i> -oxazoline-enolate complexes of nickel(^{II}): explorations in coordination chemistry and metal-mediated polymerisation. <i>RSC Advances</i> , 2019, 9, 3956-3964.	1.7	8
26	PNN ² & P ₂ NN ² ligands <i>via</i> reductive amination with phosphine aldehydes: synthesis and base-metal coordination chemistry. <i>Dalton Transactions</i> , 2019, 48, 2150-2159.	1.6	12
27	Ligand mixed-valence and electrical conductivity in coordination complexes containing a redox-active phenalenol-substituted ligand. <i>Dalton Transactions</i> , 2019, 48, 8053-8056.	1.6	7
28	Electro-Optic Modulation in Hybrid Metal Halide Perovskites. <i>Advanced Materials</i> , 2019, 31, e1808336.	11.1	42
29	Synthesis and Biochemical Evaluation of Nicotinamide Derivatives as NADH Analogue Coenzymes in Ene Reductase. <i>ChemBioChem</i> , 2019, 20, 838-845.	1.3	10
30	A molybdenum tris(dithiolene) complex coordinates to three bound cobalt centers in three different ways. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1261-1264.	0.2	0
31	An iridium complex with an unsupported Ir–Zn bond: diiodido(⁵ -pentamethylcyclopentadienyl)bis(trimethylphosphane)iridiumzinc(<i>trans</i>) benzene hemisolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1824-1827.	0.2	0
32	Molecular lemmings: strategies to avoid when designing BODIPY ferrocene dyads for dye-sensitized solar cell applications. <i>Dalton Transactions</i> , 2018, 47, 4916-4920.	1.6	11
33	Confirmation of the Structure of <i>trans</i> -Cyclic Azobenzene by X-Ray Crystallography and Spectroscopic Characterization of Cyclic Azobenzene Analogs. <i>ChemistrySelect</i> , 2018, 3, 2697-2701.	0.7	11
34	Aggregation in isomeric imides: analysis of the weak interactions in six N-(benzoyl)-N-(2-pyridyl)benzamides. <i>Structural Chemistry</i> , 2018, 29, 1153-1164.	1.0	4
35	Polynuclear Cu ₄ L ₄ Copper(II) Aminyl Radical Coordination Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 4837-4840.	1.9	13
36	Dechlorinated Analogues of Dechlorane Plus. <i>Environmental Science & Technology</i> , 2018, 52, 5619-5624.	4.6	12

#	ARTICLE	IF	CITATIONS
37	Versatile Synthesis of Siloxy Silicon Tetrabenzotriazacorroles and Insight into the Mode of Macrocycle Formation. <i>Inorganic Chemistry</i> , 2018, 57, 5174-5182.	1.9	6
38	Ag ^I -Induced Switching of DNA Binding Modes via Formation of a Supramolecular Metallacycle. <i>Chemistry - A European Journal</i> , 2018, 24, 3729-3732.	1.7	3
39	Iridium and Rhodium Complexes Containing Enantiopure Primary Amine-Tethered N-Heterocyclic Carbenes: Synthesis, Characterization, Reactivity, and Catalytic Asymmetric Hydrogenation of Ketones. <i>Organometallics</i> , 2018, 37, 491-504.	1.1	22
40	Synthesis and Characterization of Readily Modified Poly(aryl)(alkoxy)stannanes by use of Hypercoordinated Sn Monomers. <i>Chemistry - A European Journal</i> , 2018, 24, 18762-18771.	1.7	8
41	A new structural model for NiFe hydrogenases: an unsaturated analogue of a classic hydrogenase model leads to more enzyme-like Ni-Fe distance and interplanar fold. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1222-1226.	0.2	1
42	“Push” and “pull”-polystannanes. <i>Dalton Transactions</i> , 2018, 47, 14094-14100.	1.6	8
43	An Approach to the 9-Oxo-10-oxabicyclo[5.3.0]dec-2-ene Core of the Guaianolide and Pseudoguaianolide Sesquiterpenes via a Domino Electrocyclic Ring-Opening/Carboxylic Acid Trapping of a gem-Dibromocyclopropane. <i>Journal of Organic Chemistry</i> , 2018, 83, 13799-13810.	1.7	6
44	Reversible Solution Dimerization and Long Multicenter Bonding in a Stable Phenoxyl Radical. <i>Chemistry - A European Journal</i> , 2018, 24, 14906-14910.	1.7	11
45	Photophysical behaviour of BODIPY-phenylacetylene macrocyclic dyads for light-harvesting applications. <i>RSC Advances</i> , 2018, 8, 28533-28537.	1.7	4
46	Further investigation on the nitration of BODIPY with cupric nitrate: crystal structures of 4,4-difluoro-1,3,5,7,8-pentamethyl-2-nitro-4-bora-3a,4a-diaza-indacene, 4,4-difluoro-3-nitro-8-phenyl-4-bora-3a,4a-diaza-indacene, and 3-chloro-6-ethyl-5,7,8-trimethyl-2-nitro-4,4-diphenyl-4-bora-3a,4a-diaza-indacene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 103-108.	0.2	1
47	Managing nucleophilic addition reactions to tune the physical properties of 2-substituted pentamethylBODIPY derivatives. <i>RSC Advances</i> , 2017, 7, 8922-8926.	1.7	6
48	Amido-pincer complexes of Cu(II): Synthesis, coordination chemistry and applications in catalysis. <i>Journal of Organometallic Chemistry</i> , 2017, 845, 107-114.	0.8	13
49	Unsymmetrical Iron NH ₂ Catalysts for the Asymmetric Pressure Hydrogenation of Aryl Ketones. <i>Chemistry - A European Journal</i> , 2017, 23, 7212-7216.	1.7	80
50	Crystal structure and solvent-dependent behaviours of 3-amino-1,6-diethyl-2,5,7-trimethyl-4,4-diphenyl-3a,4a-diaza-indacene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 378-382.	0.2	2
51	Metal coordination of ferrocene-histidine conjugates. <i>Dalton Transactions</i> , 2017, 46, 4844-4859.	1.6	11
52	A Ferrocene-Tryptophan Conjugate: The Role of the Indolic Nitrogen in Supramolecular Assembly. <i>ChemPlusChem</i> , 2017, 82, 1282-1289.	1.3	22
53	Proof of Concept Studies Directed Towards Designed Molecular Wires: Property-Driven Synthesis of Air and Moisture-Stable Polystannanes. <i>Chemistry - A European Journal</i> , 2017, 23, 14367-14374.	1.7	14
54	UV-Curable Contact Active Benzophenone Terminated Quaternary Ammonium Antimicrobials for Applications in Polymer Plastics and Related Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27491-27503.	4.0	20

#	ARTICLE	IF	CITATIONS
55	From imine to amine: an unexpected left turn. Cis- η^2 iron(η^2) PNNP η^2 precatalysts for the asymmetric transfer hydrogenation of acetophenone. <i>Chemical Science</i> , 2017, 8, 6531-6541.	3.7	31
56	Evaluation of an external initiating Ni(η^2) diimine catalyst for electron-deficient η^6 -conjugated polymers. <i>Polymer Chemistry</i> , 2017, 8, 4108-4113.	1.9	14
57	Biomass Utilisation Strategies for Applications in Novel Polymer and Polymer Resin Production. <i>Polymers From Renewable Resources</i> , 2017, 8, 1-10.	0.8	2
58	η^2 -isomer of [Pd(tfd)] η^6 [tfd is η^2 -C η^2 (CF η^3) η^2] as its benzene solvate: a new member of the small but growing class of homoleptic palladium(II) monodithiolenes in the form of hexameric cubes. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 957-962.	0.2	3
59	Bromidocarbonyl{(1 η^2 ,2 η^2)- η^6 -[2-(dicyclohexylphosphanyl)ethylidene]- η^6 -[2-(diphenylphosphanyl)ethyl]-tetraphenylborate. <i>IUCrData</i> , 2017, 2, .	0.1	3
60	Enantioselective Analytical- and Preparative-Scale Separation of Hexabromocyclododecane Stereoisomers Using Packed Column Supercritical Fluid Chromatography. <i>Molecules</i> , 2016, 21, 1509.	1.7	4
61	A C18Quaternary Ammonium Library. <i>ChemistrySelect</i> , 2016, 1, 6914-6919.	0.7	1
62	The mixed alloyed chemical composition of chloro-(chloro) η^6 -boron subnaphthalocyanines dictates their physical properties and performance in organic photovoltaic devices. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9566-9577.	5.2	31
63	Simple Modular Synthetic Approaches to Asymmetric NN η^2 N η^2 , NN η^2 C, or NN η^2 P-Type Amido Pincer Ligands: Synthesis, Characterisation, and Preliminary Ligation Studies. <i>Synthesis</i> , 2016, 48, 2121-2129.	1.2	19
64	Crystal structures of bis(phenoxy)silicon phthalocyanines: increasing η^6 $\cdots\eta^6$ interactions, solubility and disorder and no halogen bonding observed. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 988-994.	0.2	7
65	Synthesis, characterization, and crystal structure of macrocyclic nickel(II) complexes bearing a, η^2 -cis-1,4-chdc and η^2 , η^2 -trans-1,4-chdc (chdc = cyclohexanedicarboxylate) ligands. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 634, 82-90.	0.4	0
66	Eight rare earth metal organic frameworks and coordination polymers from 2-nitroterephthalate: syntheses, structures, solid-state luminescence and an unprecedented topology. <i>New Journal of Chemistry</i> , 2016, 40, 7338-7349.	1.4	23
67	Redetermination of the crystal structure of boron subphthalocyanine chloride (Cl-BsubPc) enabled by slow train sublimation. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 297-307.	0.2	23
68	A structural systematic study of semi-rigid ferrocene derivatives as a 3 Å^3 metalocene isomer grid: p-/m-/o-(FcC η^5 H η^5)CONH(p-/m-/o-C η^5 H η^5)CO 2 Et, [Fc = (η^5 -C η^5 H η^5)Fe(η^5 -C η^5 H η^5)]. <i>Inorganica Chimica Acta</i> , 2016, 444, 113-125.	1.2	4
69	Permanently porous hydrogen-bonded frameworks of rod-like thiophenes, selenophenes, and tellurophenes capped with MIDA boronates. <i>Dalton Transactions</i> , 2016, 45, 9754-9757.	1.6	12
70	Details of the Mechanism of the Asymmetric Transfer Hydrogenation of Acetophenone Using the Amine(imine)diphosphine Iron Precatalyst: The Base Effect and The Enantiodetermining Step. <i>ACS Catalysis</i> , 2016, 6, 301-314.	5.5	66
71	A Mechanistic Study of Halogen Addition and Photoelimination from η^6 -Conjugated Tellurophenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 2678-2689.	6.6	38
72	Spin-crossover in a homoleptic cobalt(η^2) complex containing a redox-active NNO ligand. <i>Journal of Materials Chemistry C</i> , 2016, 4, 455-459.	2.7	17

#	ARTICLE	IF	CITATIONS
73	(+)- <i>trans</i> -Chlorido{2-[(<i>R</i>)-2-(methylsulfanyl)ferrocenyl]-2,5,6,7-tetrahydropyrrolo[1,2- <i>c</i>]imidazol-3-yl}hexafluoridophosphate dichloroform disolvate. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1330-1334.	0.2	1
74	Crystal structure of (E)-(benzylidene)(pyridin-2-ylmethyl)amine. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1040-o1040.	0.2	0
75	Amino Acid Chirality and Ferrocene Conformation Guided Self-Assembly and Gelation of Ferrocene-“Peptide Conjugates. Chemistry - A European Journal, 2015, 21, 11560-11572.	1.7	40
76	Reduction of C,O-chelated organotin(IV) dichlorides and dihydrides leading to protected polystannanes. Journal of Organometallic Chemistry, 2015, 776, 180-191.	0.8	17
77	Exploring the decomposition pathways of iron asymmetric transfer hydrogenation catalysts. Dalton Transactions, 2015, 44, 12119-12127.	1.6	18
78	BODIPY-phenylacetylene macrocycle motifs for enhanced light-harvesting and energy transfer applications. RSC Advances, 2015, 5, 57490-57492.	1.7	7
79	Enhanced electron mobility in crystalline thionated naphthalene diimides. Journal of Materials Chemistry C, 2015, 3, 11505-11515.	2.7	47
80	Condensation-Driven Assembly of Boron-Containing Bis(Heteroaryl) Motifs Using a Linchpin Approach. Organic Letters, 2015, 17, 5594-5597.	2.4	75
81	Reactions of BODIPY Fluorophore with Cupric Nitrate. Synlett, 2014, 25, 2661-2664.	1.0	4
82	Alternative Synthetic Methods for PEPPSI-Type Palladium Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 3600-3607.	1.0	8
83	3-Methoxy-2-[5-(naphthalen-2-yl)-4,5-dihydro-1H-pyrazol-3-yl]phenol. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o464-o464.	0.2	1
84	5,8-Dimethoxy-3,9-dimethyl-3a,4,9,9a-tetrahydro-4,9-epoxynaphtho[2,3-d]isoxazole. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o544-o544.	0.2	3
85	{ <i>N,N'</i> -(<i>trans</i> -2-(diphenylphosphanyl)ethan-1-ylidene)ethylenediamine}bromido(<i>p</i> -toluenesulfonylmethyl) Tj ETQc. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m144-m144.	0.2	2
86	<i>cis</i> -2-(4-Methoxyphenyl)-4-methyl-1,2-dihydronaphthalen-1-ol. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o546-o546.	0.2	0
87	1-(3-Hydroxy-5,8-dimethoxy-4-methyl-1,2,3,4-tetrahydro-1,4-epoxynaphthalen-2-yl)ethan-1-one. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o545-o545.	0.2	1
88	Iron(II) Complexes Containing Unsymmetrical Pâ€“Nâ€“Pincer Ligands for the Catalytic Asymmetric Hydrogenation of Ketones and Imines. Journal of the American Chemical Society, 2014, 136, 1367-1380.	6.6	278
89	Mother Diamine: A Universal Building Block for Making Chiral Ligands from Daughter Diamines to Binol, Binap and Monophos Analogues. Asian Journal of Organic Chemistry, 2014, 3, 1102-1107.	1.3	3
90	Synthesis of Iron P-N-Pâ€“ and P-NH-Pâ€“ Asymmetric Hydrogenation Catalysts. Organometallics, 2014, 33, 6452-6465.	1.1	62

#	ARTICLE	IF	CITATIONS
91	Crystal and Solid-State Arrangement Trends of Halogenated Boron Subphthalocyanines. <i>Crystal Growth and Design</i> , 2014, 14, 2138-2147.	1.4	29
92	(3-Methyl-3a,4,7,7a-tetrahydro-5H-4,7-methanoisoxazolo[4,5-d][1,2]oxazin-5-yl)(phenyl)methanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o543-o543.	0.2	2
93	Amine(imine)diphosphine Iron Catalysts for Asymmetric Transfer Hydrogenation of Ketones and Imines. <i>Science</i> , 2013, 342, 1080-1083.	6.0	454
94	The influence of strong and weak hydrogen bonds on the solid state arrangement of hydroxy-containing boron subphthalocyanines. <i>CrystEngComm</i> , 2013, 15, 8578.	1.3	17
95	Reactions of phosphorus/boron frustrated Lewis pairs with SO ₂ . <i>Chemical Science</i> , 2013, 4, 213-219.	3.7	150
96	Halogen bonding and $\pi\cdots\pi$ interactions in the solid-state structure of a butadiynylene-linked bis(iodoperfluoroarene). <i>CrystEngComm</i> , 2013, 15, 3097.	1.3	13
97	Halogen bonds can direct the solid state arrangement of phenoxyboron subphthalocyanines. <i>CrystEngComm</i> , 2013, 15, 3187.	1.3	20
98	Contrasting the Reactivity of Ethylene and Propylene with P/Al and P/B Frustrated Lewis Pairs. <i>Organometallics</i> , 2013, 32, 6759-6763.	1.1	35
99	Tautomerism and metal complexation of 2-acylmethyl-2-oxazolines: a combined synthetic, spectroscopic, crystallographic and theoretical treatment. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3484.	1.5	11
100	Hexamethyl 13,14-dioxapentacyclo[8.2.1.14,7.02,9.03,8]tetradeca-5,11-diene-1,4,5,6,11,12-hexacarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2963-o2963.	0.2	2
101	Tetramethyl 1,4-dimethyl-13,14-dioxapentacyclo[8.2.1.14,7.02,9.03,8]tetradeca-5,11-diene-5,6,11,12-tetracarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2961-o2961.	0.2	2
102	Tetra-tert-butyl 13,14-dioxapentacyclo[8.2.1.14,7.02,9.03,8]tetradeca-5,11-diene-5,6,11,12-tetracarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2962-o2962.	0.2	2
103	The Mechanism of Efficient Asymmetric Transfer Hydrogenation of Acetophenone Using an Iron(II) Complex Containing an (<i>S</i>,<i>S</i>)-Ph₂PCH₂CH₂NCHPhCHPhN₂CHCH₂PPh₂. Ligand: Partial Ligand Reduction Is the Key. <i>Journal of the American Chemical Society</i> , 2012, 134, 12266-12280.	6.6	174
104	Preparation of (<i>Z</i>)-1,2-dichloroalkenes from terminal alkynes. <i>Canadian Journal of Chemistry</i> , 2012, 90, 625-630.	0.6	15
105	Flexible Syntheses of Tripodal Phosphine Ligands 1,1,2-Tris(diarylphosphino)ethane and Their Ruthenium η^5 -C₅Me₅ Complexes. <i>Organometallics</i> , 2012, 31, 6589-6594.	1.1	5
106	Spectroscopic and DFT Study of Ferraaziridine Complexes Formed in the Transfer Hydrogenation of Acetophenone Catalyzed Using <i>trans</i>-[Fe(CO)(NCMe)(PPh₂C₆H₄CH₂NCH₂)]₂. <i>Organometallics</i> , 2012, 31, 3056-3064.	1.1	46
107	A role for $\pi\cdots\pi$ interactions in the solid-state molecular packing of para-halo-phenoxy-boronsubphthalocyanines. <i>CrystEngComm</i> , 2011, 13, 3653.	1.3	30
108	Observations regarding the crystal structures of non-halogenated phenoxyboronsubphthalocyanines having para substituents on the phenoxy group. <i>CrystEngComm</i> , 2011, 13, 914-919.	1.3	37

#	ARTICLE	IF	CITATIONS
127	Synthesis and Characterization of Iron(II) Complexes with Tetradentate Diiminodiphosphine or Diaminodiphosphine Ligands as Precatalysts for the Hydrogenation of Acetophenone. <i>Inorganic Chemistry</i> , 2009, 48, 735-743.	1.9	129
128	Highly Efficient Catalyst Systems Using Iron Complexes with a Tetradentate PNNP Ligand for the Asymmetric Hydrogenation of Polar Bonds. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 940-943.	7.2	324
129	Template Syntheses of Iron(II) Complexes Containing Chiral P ⁺ N ⁻ N ⁻ P and P ⁺ N ⁻ N Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 6587-6589.	1.9	54
130	Soluble Poly(ferrocenylenevinylene) with <i>i</i> -Butyl Substituents on the Cyclopentadienyl Ligands via Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2008, 41, 539-547.	2.2	58
131	Hydridic Rhenium Nitrosyl Complexes with Pincer-Type PNP Ligands. <i>Organometallics</i> , 2007, 26, 3509-3515.	1.1	45
132	Succinimidyl 7-methoxy-2H-chromene-3-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1513-o1514.	0.2	3
133	7-Methoxy-2-oxo-2H-chromene-3-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1269-o1270.	0.2	2
134	Cyclodimerization product of benzooxanorbornadiene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1462-o1463.	0.2	0
135	Isolation and Crystal Structure of [Cu(L1)(O2CH)](ClO4)·2H2O: Hydrolysis of DMF (N,N-Dimethylformamide) by a Copper(II) Tetraazamacrocycle. <i>Journal of Chemical Crystallography</i> , 2007, 37, 615-618.	0.5	8
136	Preparation of Bromiodopropenoic Acids by Stereospecific Nucleophilic Substitution at Vinylic Carbon. <i>Synthetic Communications</i> , 2006, 36, 3387-3391.	1.1	2
137	(N,N-Diethyldithiocarbamate) ²⁻ bis(1,10-phenanthroline)sodium(I). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m833-m835.	0.2	5
138	2,4-Dimethyl-6-phenyl-8-oxabicyclo[3.2.1]octan-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1601-o1603.	0.2	0
139	4-[N-(2-Hydroxyethyl)-N-methylamino]-N-isopropyl-1,8-naphthalimide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1615-o1617.	0.2	2
140	Ethyl 2-acetonyl-3-(1H-isochromen-1-yl)acrylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o2582-o2583.	0.2	0
141	Succinimidyl 7-(diethylamino)-2-oxo-2H-chromene-3-carboxylate chloroform solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3079-o3081.	0.2	1
142	Absolute configuration of the p-nitrobenzoate ester of the cycloadduct of (S)-4-hydroxy-2-pentynoate and acetic acid 8-acetoxy-1,4-dihydro-1,4-methanonaphthalen-5-yl ester. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o2846-o2847.	0.2	4
143	7-Diethylamino-2-oxo-2H-chromene-3-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3076-o3078.	0.2	3
144	Synthesis, characterization and single crystal structures of one-dimensional coordination polymers formed with [Ni(L)]·2ClO4 and polycarboxylate ligands. <i>Transition Metal Chemistry</i> , 2006, 31, 829-833.	0.7	6

#	ARTICLE	IF	CITATIONS
145	Synthesis and structure of a hexaazamacrocyclic copper(II) complex with maleato ligand. <i>Journal of Chemical Crystallography</i> , 2005, 35, 535-539.	0.5	8
146	Crystallographic report: Coordination polymers containing Cd(NO ₃) ₂ and Cd(H ₂ O) ₂₂₊ units bridged by btp ligands (btp = 2,6-bis(N-1,2,4-triazolyl)pyridine). <i>Applied Organometallic Chemistry</i> , 2004, 18, 497-498.	1.7	5
147	Asymmetric Hydrogenation of Ketones Catalyzed by Ruthenium Hydride Complexes of a Beta-aminophosphine Ligand Derived from Norephedrine. <i>Organometallics</i> , 2004, 23, 5524-5529.	1.1	80
148	Title is missing!. <i>Transition Metal Chemistry</i> , 2003, 28, 300-304.	0.7	3
149	Synthesis and characterization of perhalogenated diazaphosphametallidines containing transition metals from group 4 and 5. <i>Dalton Transactions RSC</i> , 2002, , 2173.	2.3	3
150	Synthesis, characterization and thermolysis of phosphinite-borane adducts: investigation of an unusual thermally-induced phenol elimination reaction. <i>Dalton Transactions RSC</i> , 2002, , 2966-2972.	2.3	11
151	Toward new coordination environments and molecular architectures using F8BINOL, an electron-poor isostere of BINOL. <i>Israel Journal of Chemistry</i> , 2001, 41, 309-312.	1.0	3
152	Heterometallic metal carbonyl compounds derived from (1-6-arene)tricarbonylchromium bearing propargyl units. <i>Dalton Transactions RSC</i> , 2001, , 1634-1638.	2.3	4
153	Rhodium-catalyzed formation of boron-nitrogen bonds: a mild route to cyclic aminoboranes and borazines. <i>Chemical Communications</i> , 2001, , 962-963.	2.2	233
154	Ligand effects on the structures of Rh ₆ (CO) ₁₅ L clusters. <i>Dalton Transactions RSC</i> , 2001, , 2015-2019.	2.3	43
155	Generation of Highly Enantioselective Catalysts from the Pseudoenantiomeric Assembly of BINOL, F8BINOL, and Ti(OiPr) ₄ . <i>Journal of the American Chemical Society</i> , 2001, 123, 3850-3851.	6.6	72
156	Catalytic Cycle for the Asymmetric Hydrogenation of Prochiral Ketones to Chiral Alcohols: Direct Hydride and Proton Transfer from Chiral Catalysts trans-Ru(H) ₂ (diphosphine)(diamine) to Ketones and Direct Addition of Dihydrogen to the Resulting Hydridoamido Complexes. <i>Journal of the American Chemical Society</i> , 2001, 123, 7473-7474.	6.6	284
157	Tuning the Strain and Polymerizability of Organometallic Rings: The Synthesis, Structure, and Ring-Opening Polymerization Behavior of [2]Ferrocenophanes with Si, P, and S Bridges. <i>Journal of the American Chemical Society</i> , 2001, 123, 2116-2126.	6.6	71
158	[{ReH ₂ (PMePh ₂) ₂ }(1/4-H) ₃]-: The First Member of a New Class of Anionic Polyhydride Dimers [Re ₂ H ₇ L ₄]-. <i>Inorganic Chemistry</i> , 2001, 40, 2480-2481.	1.9	18
159	Synthesis, Electronic Structure, and Novel Reactivity of Strained, Boron-Bridged [1]Ferrocenophanes. <i>Journal of the American Chemical Society</i> , 2000, 122, 5765-5774.	6.6	158
160	Synthesis and properties of iron-group hydrido-cyano complexes trans-[MH(CN)(L) ₂], M = Fe, Ru or Os, L = diphosphine, and their hydrogen, trifluoroboron and triphenylboron isocyanide derivatives of the type trans-[MH(CNH)(L) ₂]O ₃ SCF ₃ , trans-[MH(CNBX ₃)(L) ₂], X = F or Ph, and trans-[M(H ₂)(CNBF ₃)(dppp) ₂]BF ₄ [dppp = Ph ₂ P(CH ₂) ₃ PPh ₂]. <i>Dalton Transactions RSC</i> , 2000, , 3591-3602.	2.3	30
161	Synthesis, structure and polymerization behaviour of borane adducts of a phosphorus-bridged [1]ferrocenophane, [(1-C ₅ H ₄) ₂ FePPh]. <i>New Journal of Chemistry</i> , 2000, 24, 447-453.	1.4	37
162	Synthesis and novel reactivity of platinum phosphine-borane complexes trans-[PtH(PPhR)(BH ₃)(PEt ₃) ₂] (R = H, Ph). <i>Chemical Communications</i> , 2000, , 1041-1042.	2.2	29

#	ARTICLE	IF	CITATIONS
163	Preparation of chiral $\hat{\iota}$ -monofluoroalkylphosphonic acids and their evaluation as inhibitors of protein tyrosine phosphatase 1B. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 1271-1281.	1.3	22
164	Synthesis and Structure of a Hypercoordinate Silicon-Bridged [1]Ferrocenophane. <i>Organometallics</i> , 2000, 19, 2826-2828.	1.1	26
165	Ruthenium Dihydride $\text{RuH}_2(\text{PPh}_3)_2((R,R)\text{-cyclohexyldiamine})$ and Ruthenium Monohydride $\text{RuHCl}(\text{PPh}_3)_2((R,R)\text{-cyclohexyldiamine})$: A Active Catalyst and Catalyst Precursor for the Hydrogenation of Ketones and Imines. <i>Organometallics</i> , 2000, 19, 2655-2657.	1.1	136
166	Chelation Kinetics of Bidentate Phosphine Ligands on Pentacoordinate Ruthenium Carbonyl Complexes. <i>Organometallics</i> , 2000, 19, 3674-3682.	1.1	20
167	Rhodium-Catalyzed Formation of Phosphorus-Boron Bonds: Synthesis of the First High Molecular Weight Poly(phosphinoborane). <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3321-3323.	7.2	174
168	Alkenylboronate Tethered Intramolecular Diels-Alder Reactions. <i>Journal of the American Chemical Society</i> , 1999, 121, 450-451.	6.6	61
169	1,3-Calix[4]arene Crown Ether Conformers with a 3-Thienyl Pendant Functionality at the Lower Rim. <i>Journal of Organic Chemistry</i> , 1999, 64, 5876-5885.	1.7	26
170	Very Soft Chemistry: Room Temperature Self-Assembly of $(\text{DABCOH})_2\text{Sn}_3\text{S}_7$, a Microporous Layered Tin(IV) Sulfide. <i>Advanced Materials</i> , 1998, 10, 42-46.	11.1	80
171	Reaction of a Stable Silylene with Divalent Group 14 Compounds. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1067-1070.	1.0	31
172	Synthesis, Reactivity, and Ring-Opening Polymerization (ROP) of Tin-Bridged [1]Ferrocenophanes. <i>Chemistry - A European Journal</i> , 1998, 4, 2117-2128.	1.7	122
173	Synthesis, Characterization, and Properties of Symmetrically Substituted, Ring-Opened Poly(ferrocenylalkoxy/aryloxysilanes). <i>Macromolecules</i> , 1998, 31, 5977-5983.	2.2	41
174	Organizing Chain Structures by Use of Proton-Hydride Bonding. The Single-Crystal X-ray Diffraction Structures of $[\text{K}(\text{Q})][\text{Os}(\text{H})_5(\text{PiPr}_3)_2]$ and $[\text{K}(\text{Q})][\text{Ir}(\text{H})_4(\text{PiPr}_3)_2]$, Q = 18-Crown-6 and 1,10-Diaza-18-crown-6. <i>Journal of the American Chemical Society</i> , 1998, 120, 11826-11827.	6.6	41
175	Protonation Reactions of $\text{trans-M}(\text{H})(\text{SPh})(\text{dppe})_2$ (M = Ru, Os) To Give Thiol and Dihydrogen Complexes. X-ray Crystal Structure Determination of $\text{trans-Ru}(\text{H})(\text{SPh})(\text{dppe})_2$ and $\text{trans-}[\text{Os}(\text{H})(\text{O}_2)(\text{dppe})_2](\text{O}_3\text{SCF}_3)$. <i>Inorganic Chemistry</i> , 1998, 37, 1555-1562.	1.9	41
176	Synthesis and Structure of the Chiral Dihydrogen Complex $\text{trans-}[\text{Ru}(\hat{\iota}\text{-2-H}_2)\text{H}(\text{R}, \hat{\iota}\text{-Me-DuPHOS})_2]\text{PF}_6$ and the Dinitrogen Complex $\text{trans-}[\text{Ru}(\text{N}_2)\text{H}(\text{R}, \hat{\iota}\text{-Me-DuPHOS})_2]\text{PF}_6$ (R, $\hat{\iota}\text{-Me-DuPHOS} = \text{Tj ETQqO O O rgBT /Overl\text{a}k 10 Tf 50 217 Td$)		
177	The crystal structure and absolute configuration of exo-0130 0138 V 2 27, 471-474.	0.5	3
178	A novel and convenient route to ring-opened poly(ferrocenylsilanes) with alkoxy, aryloxy, and amino substituents at silicon. <i>Macromolecular Rapid Communications</i> , 1997, 18, 953-959.	2.0	19
179	Thermal Ring-Opening Polymerization of Hydrocarbon-Bridged [2]Ferrocenophanes: Synthesis and Properties of Poly(ferrocenylethylene)s and Their Charge-Transfer Polymer Salts with Tetracyanoethylene. <i>Chemistry - A European Journal</i> , 1997, 3, 573-584.	1.7	73
180	Thermal and Transition-Metal-Catalyzed Ring-Opening Polymerization (ROP) of [1]Siliferrocenophanes with Chlorine Substituents at Silicon: A Route to Tunable Poly(ferrocenylsilanes). <i>Organometallics</i> , 1996, 15, 1972-1978.	1.1	97

#	ARTICLE	IF	CITATIONS
181	Dihydrogen Thiolate vs Hydride Thiol: Reactivity of the Series of Complexes $MH(CO)(L)(PPh_3)_2$ ($M = Ru,$) <i>Tj ETQq1</i> 1 0.784314 rgBT [Os(CO)(η^1 -2-Spy)(SpyH)(PPh ₃) ₂][BF ₄] ₂ . <i>Organometallics</i> , 1996, 15, 4423-4436.	1.1	74
182	Synthesis, Structure, and Properties of the Stable and Highly Acidic Dihydrogen Complex $trans-[Os(\eta^1\text{-}H_2)(CH_3CN)(dppe)_2](BF_4)_2$. Perspectives on the Influence of the <i>trans</i> Ligand on the Chemistry of the Dihydrogen Ligand. <i>Organometallics</i> , 1996, 15, 2270-2278.	1.1	76
183	Dihydrogen with Frequency of Motion Near the $1H$ Larmor Frequency. Solid-State Structures and Solution NMR Spectroscopy of Osmium Complexes $trans-[Os(H\cdots H)X(PPh_2CH_2CH_2PPh_2)_2]^+$ ($X = Cl, Br$). <i>Journal of the American Chemical Society</i> , 1996, 118, 5396-5407.	6.6	231
184	Die ersten Schwefel($\langle scp \rangle VI \langle /scp \rangle$)-Stickstoff-Phosphor-Makrocyclen. <i>Angewandte Chemie</i> , 1995, 107, 1079-1081.	1.6	6
185	Synthese und Struktur des ersten [1]Ferrocenophans mit Schwefel als Brückenatom. <i>Angewandte Chemie</i> , 1995, 107, 1633-1635.	1.6	32
186	The First Sulfur(VI)-Nitrogen-Phosphorus Macrocyces. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 998-1001.	4.4	33
187	Synthesis and Ring-Opening Polymerization (ROP) OF [1] and [2]Metallocenophanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1994, 93, 361-362.	0.8	4
188	Synthesis and Ring-Opening Polymerization of Highly Strained, Ring-Tilted [2]Ruthenocenophanes. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 989-991.	4.4	89
189	Synthese und Ringöffnungspolymerisation hochgespannter [2]Ruthenocenophane. <i>Angewandte Chemie</i> , 1994, 106, 1019-1021.	1.6	38
190	The Pyrolysis of Poly(Ferrocenylsilanes): Metal Containing Ceramics and Small Molecules. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1994, 93, 359-360.	0.8	5
191	Use of the new ligand $P(CH_2CH_2PCy_2)_3$ in the synthesis of dihydrogen complexes of iron(II) and ruthenium(II). <i>Organometallics</i> , 1993, 12, 906-916.	1.1	61
192	Analysis of the solvent effects on the crystal growth of peripherally chlorinated boron subphthalocyanines. <i>CrystEngComm</i> , 0, , .	1.3	0
193	Electronic insights into aminoquinoline-based PN^+H^+N ligands: protonation state dictates geometry while coordination environment dictates $N-H$ acidity and bond strength. <i>Dalton Transactions</i> , 0, , .	1.6	0