

Xiaoping Wang

List of Publications by Year in descending order

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212
papers

7,873
citations

46918

47
h-index

69108

77
g-index

224
all docs

224
docs citations

224
times ranked

8035
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactivities of Interstitial Hydrides in a Cu ₁₁ Template: En Route to Bimetallic Clusters. <i>Angewandte Chemie</i> , 2022, 134, e202113266.	1.6	5
2	Reactivities of Interstitial Hydrides in a Cu ₁₁ Template: En Route to Bimetallic Clusters. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	25
3	Role of the third dimension in searching for Majorana fermions in Cu_2Te via phonons. <i>Physical Review Research</i> , 2022, 4, .	1.1	2
4	Neutron diffraction and linear Gr $\sqrt{3}$ neisen parameter studies of magnetism in NdFe ₂ Ga ₈ . <i>Physical Review B</i> , 2022, 105, .	1.1	2
5	Insulating antiferromagnetism in VTe. <i>Physical Review B</i> , 2022, 105, .	1.1	2
6	Hydride-Containing Eight-Electron Pt/Ag Superatoms: Structure, Bonding, and Multi-NMR Studies. <i>Journal of the American Chemical Society</i> , 2022, 144, 10599-10607.	6.6	35
7	Atomic View of Aqueous Cyclosporine A: Unpacking a Decades-Old Mystery. <i>Journal of the American Chemical Society</i> , 2022, 144, 12602-12607.	6.6	7
8	Anisotropic magnon damping by zero-temperature quantum fluctuations in ferromagnetic CrGeTe ₃ . <i>Nature Communications</i> , 2022, 13, .	5.8	10
9	Spin Waves and Magnetic Exchange Hamiltonian in CrSBr. <i>Advanced Science</i> , 2022, 9, .	5.6	20
10	Isolation and Structural Elucidation of 15 μm Nuclear Copper Dihydride Clusters: An Intermediate in the Formation of a Two μm Electron Copper Superatom. <i>Small</i> , 2021, 17, e2002544.	5.2	30
11	Aggregation-induced phosphorescence sensitization in two heptanuclear and decanuclear gold μm silver sandwich clusters. <i>Chemical Science</i> , 2021, 12, 702-708.	3.7	16
12	<i>Operando</i> single crystal neutron diffraction reveals insight into the field response mechanisms in the hydrogen-bonded KH ₂ PO ₄ ferroelectric. <i>APL Materials</i> , 2021, 9, .	2.2	1
13	Neutron Diffraction Study of Significant C-H Bond Shortening in a Fluorinated Pyridinium Saccharinate. <i>Journal of the American Chemical Society</i> , 2021, 143, 5550-5557.	6.6	12
14	Electro-Optic Modulation Using Metal-Free Perovskites. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19042-19047.	4.0	12
15	Canted antiferromagnetic order and spin dynamics in the honeycomb-lattice compound Cu_2Te . <i>Physical Review B</i> , 2021, 103, .	2.8	50
16	Site Mixing for Engineering Magnetic Topological Insulators. <i>Physical Review X</i> , 2021, 11, .	2.8	50
17	Unexpected Hydride: Ce ₄ B ₂ C ₂ H _{2.42} , a Stuffed Variant of the Nd ₂ BC Structure Type. <i>Crystal Growth and Design</i> , 2021, 21, 5164-5171.	1.4	3
18	Understanding the Reactivity and Decomposition of a Highly Active Iron Pincer Catalyst for Hydrogenation and Dehydrogenation Reactions. <i>ACS Catalysis</i> , 2021, 11, 10631-10646.	5.5	11

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19	H-Atom Assignment and Sb ⁵⁺ O Bonding of [Mes ₃ SbOH][O ₃ SPh] Confirmed by Neutron Diffraction, Multipole Modeling, and Hirshfeld Atom Refinement. <i>Inorganic Chemistry</i> , 2021, 60, 16048-16052.	1.9	5
20	Quantum liquid from strange frustration in the trimer magnet Ba ₄ Ir ₃ O ₁₀ . <i>Npj Quantum Materials</i> , 2020, 5, .	1.8	14
21	Dialing in Direct Air Capture of CO ₂ by Crystal Engineering of Bisiminoguanidines. <i>ChemSusChem</i> , 2020, 13, 6381-6390.	3.6	23
22	Flux Synthesis of a Metal Carbide Hydride Using Anthracene As a Reactant. <i>Inorganic Chemistry</i> , 2020, 59, 11651-11657.	1.9	6
23	Au ₃ -to-Ag ₃ coordinate-covalent bonding and other supramolecular interactions with covalent bonding strength. <i>Chemical Science</i> , 2020, 11, 11179-11188.	3.7	12
24	Preparation of cyclohexene isotopologues and stereoisotopomers from benzene. <i>Nature</i> , 2020, 581, 288-293.	13.7	49
25	Polyhydrido Copper Nanoclusters with a Hollow Icosahedral Core: [Cu ₃₀ H ₁₈ {E ₂ P(OR) ₂ } ₁₂] (E=S or Se; Tj ETQq1 1.0.784314rgBT /Ov	1.0	9
26	Manganese tetraphenylporphyrin bromide and iodide. Studies of structures and magnetic properties. <i>Polyhedron</i> , 2020, 184, 114488.	1.0	9
27	Copper Clusters Containing Hydrides in Trigonal Pyramidal Geometry. <i>Inorganic Chemistry</i> , 2020, 59, 2536-2547.	1.9	37
28	The incommensurately modulated structures of low-temperature labradorite feldspars: a single-crystal X-ray and neutron diffraction study. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 93-107.	0.5	4
29	On single-crystal neutron-diffraction in DACs: quantitative structure refinement of light elements on SNAP and TOPAZ. <i>High Pressure Research</i> , 2020, 40, 339-357.	0.4	5
30	Cool structures from event-based single-crystal neutron diffraction. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2020, 76, a142-a142.	0.0	0
31	Spectroscopic Studies of the Magnetic Excitation and Spin-Phonon Couplings in a Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2019, 25, 15846-15857.	1.7	22
32	Hydrogenation of <i>N</i> -Heteroarenes Using Rhodium Precatalysts: Reductive Elimination Leads to Formation of Multimetallic Clusters. <i>Journal of the American Chemical Society</i> , 2019, 141, 17900-17908.	6.6	65
33	Antiferroelectric Phase Transition in a Proton-Transfer Salt of Squaric Acid and 2,3-Dimethylpyrazine. <i>Journal of the American Chemical Society</i> , 2019, 141, 16279-16287.	6.6	6
34	Thermodynamic and kinetic studies of H ₂ and N ₂ binding to bimetallic nickel-group 13 complexes and neutron structure of a Ni(μ ² -H ₂) adduct. <i>Chemical Science</i> , 2019, 10, 7029-7042.	3.7	38
35	Preferential quenching of 5d antiferromagnetic order in Sr ₃ (Ir _{1-x} Mn _x) ₂ O ₇ . <i>Journal of Physics Condensed Matter</i> , 2019, 31, 244003.	0.7	1
36	Emergence of topologically protected states in the MoTe ₂ Weyl semimetal with layer-stacking order. <i>Physical Review B</i> , 2019, 99, .	1.1	11

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37	Synthesis of Bimetallic Copper-Rich Nanoclusters Encapsulating a Linear Palladium Dihydride Unit. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4943-4947.	7.2	38
38	Synthesis of Bimetallic Copper-Rich Nanoclusters Encapsulating a Linear Palladium Dihydride Unit. <i>Angewandte Chemie</i> , 2019, 131, 4997-5001.	1.6	12
39	Lattice disorder effect on magnetic ordering of iron arsenides. <i>Scientific Reports</i> , 2019, 9, 20147.	1.6	0
40	Reorientation of antiferromagnetism in cobalt doped FeSn. <i>Physical Review B</i> , 2019, 100, .	1.1	14
41	Neutron Instruments for Research in Coordination Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1065-1089.	1.0	29
42	Direct air capture of CO ₂ – topological analysis of the experimental electron density (QTAIM) of the highly insoluble carbonate salt of a 2,6-pyridine-bis(iminoguanidine), (PyBIGH ₂)(CO ₃)(H ₂ O) ₄ . <i>IUCr</i> , 2019, 6, 56-65.	1.0	11
43	The incommensurately modulated structures of volcanic plagioclase: displacement, ordering and phase transition. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 643-656.	0.5	5
44	Real-time Observation of Order-Disorder Transformation of Organic Cations Induced Phase Transition and Anomalous Photoluminescence in Hybrid Perovskites. <i>Advanced Materials</i> , 2018, 30, e1705801.	11.1	60
45	Synthesis of Surface-Analogue Square-Planar Tetranuclear Nickel Hydride Clusters and Bonding to η^4 -NR, -O and -BH Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 2438-2446.	1.9	15
46	A suite-level review of the neutron single-crystal diffraction instruments at Oak Ridge National Laboratory. <i>Review of Scientific Instruments</i> , 2018, 89, 092802.	0.6	43
47	Temperature dependence of the spin state and geometry in tricobalt paddlewheel complexes with halide axial ligands. <i>Dalton Transactions</i> , 2018, 47, 16798-16806.	1.6	2
48	Revisiting the $\overline{111}$ structures of high-temperature Ca-rich plagioclase feldspar – a single-crystal neutron and X-ray diffraction study. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 152-164.	0.5	7
49	Determination of hydrogen site and occupancy in hydrous Mg ₂ SiO ₄ spinel by single-crystal neutron diffraction. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 115-120.	0.5	11
50	Unusual effects of Be doping in the iron-based superconductor FeSe. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 445701.	0.7	3
51	Time filtering of event based neutron scattering data: A pathway to study the dynamic structural responses of materials. <i>Review of Scientific Instruments</i> , 2018, 89, 092803.	0.6	6
52	The high pressure gas capabilities at Oak Ridge National Laboratory's neutron facilities. <i>Review of Scientific Instruments</i> , 2018, 89, 092907.	0.6	2
53	Synthesis of the labile rhenium(I) complexes fac-Re(CO) ₃ (L)[η^2 -O,O-FcC(O)CHC(O)Me] (where Fc = C_{10}H_8). <i>Organometallic Chemistry</i> , 2018, 874, 87-100.	0.8	3
54	From the source: student-centred guest lecturing in a chemical crystallography class. <i>Journal of Applied Crystallography</i> , 2018, 51, 909-914.	1.9	9

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55	Fast Rotational Diffusion of Water Molecules in a 2D Hydrogen Bond Network at Cryogenic Temperatures. <i>Physical Review Letters</i> , 2018, 120, 196001.	2.9	10
56	Chemically controlled crystal growth of (CH ₃ NH ₃) ₂ AgInBr ₆ . <i>CrystEngComm</i> , 2018, 20, 5929-5934.	1.3	20
57	Improving the accuracy and resolution of neutron crystallographic data by three-dimensional profile fitting of Bragg peaks in reciprocal space. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 1085-1095.	1.1	27
58	Adsorption and molecular siting of CO ₂ , water, and other gases in the superhydrophobic, flexible pores of FMOF-1 from experiment and simulation. <i>Chemical Science</i> , 2017, 8, 3989-4000.	3.7	60
59	Neutron and X-ray investigations of the Jahn-Teller switch in partially deuterated ammonium copper Tutton salt, (NH ₄) ₂ [Cu(H ₂ O) ₆](SO ₄) ₂ . <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 87-93.	0.5	3
60	The neutron diffraction structure of [Ir ₄ (IME) ₈ H ₁₀] ₂ ⁺ polyhydride cluster: Testing the computational hydride positional assignments. <i>Journal of Organometallic Chemistry</i> , 2017, 849-850, 17-21.	0.8	8
61	Structural Characterization of $\hat{\nu}$ -Agostic Bonds in Pd-Catalyzed Polymerization. <i>Organometallics</i> , 2017, 36, 4099-4102.	1.1	21
62	Self-assembly of molecular ions via like-charge ion interactions and through-space defined organic domains. <i>Chemical Communications</i> , 2017, 53, 10934-10937.	2.2	19
63	Improving superconductivity in BaFe ₂ As ₂ -based crystals by cobalt clustering and electronic uniformity. <i>Scientific Reports</i> , 2017, 7, 949.	1.6	13
64	Position Assignment and Oxidation State Recognition of Fe and Co Centers in Heterometallic Mixed-Valent Molecular Precursors for the Low-Temperature Preparation of Target Spinel Oxide Materials. <i>Inorganic Chemistry</i> , 2017, 56, 9574-9584.	1.9	12
65	Single-Crystal Time-of-Flight Neutron Diffraction and Magic-Angle-Spinning NMR Spectroscopy Resolve the Structure and ¹ H and ⁷ Li Dynamics of the Uranyl Peroxide Nanocluster U ₆₀ . <i>Inorganic Chemistry</i> , 2017, 56, 9676-9683.	1.9	22
66	Crystal Structure of Hydrazinium Iodide by Neutron Diffraction. <i>Journal of Chemical Crystallography</i> , 2017, 47, 241-244.	0.5	0
67	Doping-driven structural distortion in the bilayer iridate (Sr _{1-x} La _x) ₃ Ir ₂ O ₇ . <i>Physical Review B</i> , 2017, 95, .	1.1	7
68	Spin density in YTiO_3 : I. Joint refinement of polarized neutron diffraction and magnetic x-ray diffraction data leading to insights into orbital ordering. <i>Physical Review B</i> , 2017, 96, .	1.1	20
69	Expanding Lorentz and spectrum corrections to large volumes of reciprocal space for single-crystal time-of-flight neutron diffraction. <i>Journal of Applied Crystallography</i> , 2016, 49, 497-506.	1.9	34
70	Orientation of Organic Cations in Hybrid Inorganic-Organic Perovskite CH ₃ NH ₃ Pb ₃ from Subatomic Resolution Single Crystal Neutron Diffraction Structural Studies. <i>Crystal Growth and Design</i> , 2016, 16, 2945-2951.	1.4	82
71	Lattice dynamics and the nature of structural transitions in organolead halide perovskites. <i>Physical Review B</i> , 2016, 94, .	1.1	46
72	Structural investigation of the bilayer iridate $\text{Sr}_3\text{Ir}_2\text{O}_7$. <i>Physical Review B</i> , 2016, 93, .	1.1	35

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73	Simultaneous metal-insulator and antiferromagnetic transitions in orthorhombic perovskite iridate $\text{Sr}_{0.94}\text{Ir}_{0.78}\text{O}_{2.68}$ single crystals. <i>Physical Review B</i> , 2016, 93, .	1.1	9
74	Quantitative analysis of hydrogen sites and occupancy in deep mantle hydrous wadsleyite using single crystal neutron diffraction. <i>Scientific Reports</i> , 2016, 6, 34988.	1.6	21
75	On the Chemistry and Physical Properties of Flux and Floating Zone Grown SmB_6 Single Crystals. <i>Scientific Reports</i> , 2016, 6, 20860.	1.6	38
76	Solution P NMR Study of the Acid-Catalyzed Formation of a Highly Charged $\{[\text{U}(\text{O})_2]_{12}(\text{O})_2(\text{P}_2\text{O}_7)_{12}\}^{34-}$ Nanocluster, and Its Structural Characterization in the Solid State Using Single-Crystal Neutron Diffraction. <i>Journal of the American Chemical Society</i> , 2016, 138, 8547-8553.	11.1	0
77	Ferroelectric Materials: Nanoscale Atomic Displacements Ordering for Enhanced Piezoelectric Properties in Lead-Free ABO_3 Ferroelectrics (<i>Adv. Mater.</i> 29/2015). <i>Advanced Materials</i> , 2015, 27, 4329-4329.	11.1	0
78	Microdomain dynamics in single-crystal BaTiO_3 during paraelectric-ferroelectric phase transition measured with time-of-flight neutron scattering. <i>Physical Review B</i> , 2015, 92, .	1.1	32
79	Structure symmetry determination and magnetic evolution in $\text{Sr}_2\text{Ir}_{1-x}\text{RhxO}_4$. <i>Physical Review B</i> , 2015, 92, .	1.1	42
80	Synthesis and Structural Features of [4,4'-Diisopropoxyester-2,2'-bipyridine], [Dichloro(4,4'-diisopropoxyester-2,2'-bi-pyridine)-platinum(ii)] and Its Dichloromethane Solvated Pseudo-Polymorph: Versatile Supramolecular Interactions. <i>Journal of Chemical Crystallography</i> , 2015, 45, 277-283.	0.5	7
81	Diselenophosphate-Induced Conversion of an Achiral $[\text{Cu}_{20}\text{H}_{11}\{\text{S}_2\text{P}(\text{O}(\text{i})\text{i})\text{Pr}\}_2]_{12}$ into a Chiral $[\text{Cu}_{20}\text{H}_{11}\{\text{Se}_2\text{P}(\text{O}(\text{i})\text{i})\text{Pr}\}_2]_{12}$ Polyhydrido Nanocluster. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13604-13608.	7.2	104
82	Nanoscale Atomic Displacements Ordering for Enhanced Piezoelectric Properties in Lead-Free ABO_3 Ferroelectrics. <i>Advanced Materials</i> , 2015, 27, 4330-4335.	11.1	8
83	Formation of a Fluorous/Organic Biphasic Supramolecular Octopus Assembly for Enhanced Porphyrin Phosphorescence in Air. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4842-4846.	7.2	7
84	Synthesis of the Stereoisomeric Clusters $1,2\text{-Os}_3(\text{CO})_{10}(\text{trans-dpmn})$ and $1,2\text{-Os}_3(\text{CO})_{10}(\text{cis-dpmn})$ [where $\text{dpmn} = 2,3\text{-bis}(\text{diphenylphosphinomethyl})\text{-5-norbornene}$]: DFT Evaluation of the Isomeric Clusters $1,2\text{-Os}_3(\text{CO})_{10}(\text{dpmn})$ and Isomer-Dependent Diphosphine Ligand Activation. <i>Journal of Cluster Science</i> , 2015, 26, 93-109.	1.7	2
85	$[\text{Cu}_{32}(\text{H})_{20}\{\text{S}_2\text{P}(\text{O}(\text{i})\text{i})\text{Pr}\}_2]_{12}$: The Largest Number of Hydrides Recorded in a Molecular Nanocluster by Neutron Diffraction. <i>Chemistry - A European Journal</i> , 2015, 21, 8369-8374.	1.7	118
86	Quantitative analysis of intermolecular interactions in orthorhombic rubrene. <i>IUCr</i> , 2015, 2, 563-574.	1.0	206
87	Anharmonicity and atomic distribution of SnTe and PbTe thermoelectrics. <i>Physical Review B</i> , 2014, 90, .	1.1	64
88	Accurate atomic displacement parameters from time-of-flight neutron-diffraction data at TOPAZ. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, 679-681.	0.0	12
89	Heterolytic Cleavage of Hydrogen by an Iron Hydrogenase Model: An Fe-H-N Dihydrogen Bond Characterized by Neutron Diffraction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5300-5304.	7.2	102
90	Frontispiece: Heterolytic Cleavage of Hydrogen by an Iron Hydrogenase Model: An Fe-H-N Dihydrogen Bond Characterized by Neutron Diffraction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, n/a-n/a.	7.2	0

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91	Intermolecular Interactions in Solid-State Metalloporphyrins and Their Impacts on Crystal and Molecular Structures. <i>Inorganic Chemistry</i> , 2014, 53, 11552-11562.	1.9	11
92	Synthesis, Spectroscopic Properties, and Photoconductivity of Black Absorbers Consisting of Pt(Bipyridine)(Dithiolate) Charge Transfer Complexes in the Presence and Absence of Nitrofluorenone Acceptors. <i>Journal of the American Chemical Society</i> , 2014, 136, 16185-16200.	6.6	37
93	Manipulating Magnetism: Ru ₂ ⁵⁺ Paddlewheels Devoid of Axial Interactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 9580-9589.	6.6	24
94	Neutron Diffraction Studies of a Four-Coordinated Hydride in Near Square-Planar Geometry. <i>Inorganic Chemistry</i> , 2014, 53, 11140-11145.	1.9	67
95	Free H ₂ Rotation vs Jahn-Teller Constraints in the Nonclassical Trigonal (TPB)CoH ₂ Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 14998-15009.	6.6	33
96	LiCa ₃ As ₂ H and Ca ₁₄ As ₆ X ₇ (X = C, H, N): Two New Arsenide Hydride Phases Grown from Ca/Li Metal Flux. <i>Inorganic Chemistry</i> , 2014, 53, 10620-10626.	1.9	9
97	Molecular and Electronic Structure of Cyclic Trinuclear Gold(I) Carbenate Complexes: Insights for Structure/Luminescence/Conductivity Relationships. <i>Inorganic Chemistry</i> , 2014, 53, 7485-7499.	1.9	32
98	Integration of neutron time-of-flight single-crystal Bragg peaks in reciprocal space. <i>Journal of Applied Crystallography</i> , 2014, 47, 915-921.	1.9	82
99	Frontispiz: Heterolytic Cleavage of Hydrogen by an Iron Hydrogenase Model: An Fe-Hâ€¦â€¦H-N Dihydrogen Bond Characterized by Neutron Diffraction. <i>Angewandte Chemie</i> , 2014, 126, n/a-n/a.	1.6	0
100	Reciprocal Salt Flux Growth of LiFePO ₄ Single Crystals with Controlled Defect Concentrations. <i>Chemistry of Materials</i> , 2013, 25, 4574-4584.	3.2	43
101	Phosphinoborane-induced fragmentation of the unsaturated hydride H ₂ Re ₂ (CO) ₈ : X-ray structure of HRe(CO) ₄ (ⁱ B,P-Ph ₂ PCH ₂ CH ₂ BR ₂) (where BR ₂ = ⁹ Borabicyclo[3.3.1]nonanyl) and DFT Evaluation of hydride versus CO coordination by the ancillary borane. <i>Journal of Organometallic Chemistry</i> , 2012, 700, 103-109.	0.8	9
102	Synthesis, Structure, and Physical Properties of Ln(Cu,Al,Ga) ₁₃ â€“x (Ln= Laâ€“Pr, and Eu) and Eu(Cu,Al) ₁₃ â€“x. <i>Inorganic Chemistry</i> , 2012, 51, 10193-10202.	1.9	5
103	CO Substitution in HO ₃ (CO) ₁₀ (¹ / ₄ -SC ₆ H ₄ Me-4) by the Diphosphine 4,5-Bis(diphenylphosphino)-4-cyclopentadiene-1,3-dione (bpcd): Structural and DFT Evaluation of the Isomeric Clusters HO ₃ (CO) ₈ (bpcd)(¹ / ₄ -SC ₆ H ₄ Me-4). <i>Journal of Cluster Science</i> , 2012, 23, 685-702.	1.7	11
104	Structural modulations and magnetic properties of off-stoichiometric Ni-Mn-Ga magnetic shape memory alloys. <i>Physical Review B</i> , 2012, 85, .	1.1	30
105	Unexpected formation of a trinuclear complex containing a Ta(IV)â€“Ta(IV) bond in the reactions of Bu ₂ NiEtTa(NMe ₂) ₃ with silanes. <i>Chemical Communications</i> , 2011, 47, 8685	2.2	13
106	Experimental and Computational Studies of the Isomerization Reactions of Bidentate Phosphine Ligands in Triosmium Clusters: Kinetics of the Rearrangements from Bridged to Chelated Isomers and X-ray Structures of the Clusters Os ₃ (CO) ₁₀ (dppbz), 1,1-Os ₃ (CO) ₁₀ (dppbzF ₄), HOs ₃ (CO) ₉ [¹ / ₄ -1,2-PhP(C ₆ H ₄) ₂ - ¹] ₂ C ₆ H ₄ PPH		

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109	<i>CrystalPlan</i>: an experiment-planning tool for crystallography. <i>Journal of Applied Crystallography</i> , 2011, 44, 418-423.	1.9	67
110	High-resolution neutron crystallographic studies of the hydration of the coenzyme cob(II)alamin. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 584-591.	2.5	30
111	New osmium cluster compounds containing the heterocyclic ligand 2,3-bis-(diphenylphosphino)quinoxaline (dppq): Ligand isomerization and crystal structures of dppq, the isomeric clusters Os ₃ (CO) ₁₀ (dppq), and HOs ₃ (CO) ₉ [$\frac{1}{4}$ -2,3-PhP($\frac{1}{4}$ -1-C ₆ H ₄)(Ph ₂ P)quinoxaline]. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1432-1440.	0.8	13
112	Chloride Metathesis and Dimethylamide Transfer in the Reaction of TaCl(NMe ₂) ₄ with ZnMe ₂ and MeMgCl: Spectroscopic Studies and X-ray Diffraction Structures of TaCl(Me)(NMe ₂) ₃ and ZnCl ₂ (NHMe ₂) ₂ . <i>Journal of Chemical Crystallography</i> , 2010, 40, 173-178.	0.5	4
113	Diphosphine- and CO-Induced Fragmentation of Chloride-bridged Dinuclear Complex and Cp*Ir($\frac{1}{4}$ -Cl) ₃ Re(CO) ₃ and Attempted Synthesis of Cp*Ir($\frac{1}{4}$ -Cl) ₃ Mn(CO) ₃ : Spectroscopic Data and X-ray Diffraction Structures of the Pentamethylcyclopentadienyl Compounds [Cp*IrCl{(Z)-Ph ₂ PCHA=ACHPh ₂ }] [Cl]A ₂ CHCl ₃ and Cp*Ir(CO)Cl ₂ . <i>Journal of Chemical Crystallography</i> , 2010, 40, 453-460.	0.5	2
114	New Pt(II)(dithiolate) Compounds Possessing an Energetically Accessible Diphosphine-Based LUMO: Syntheses, Redox Properties, and Solid-State Structures of PtCl ₂ (pbpcd), Pt(tdt)(pbpcd), and Pt(tdt)(bpcd). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010, 20, 457-467.	1.9	2
115	New octahedral Ta(V) hydrazido-substituted compounds for atomic layer deposition: Syntheses, X-ray diffraction structures of TaCl(NMe ₂) ₃ [N(TMS)NMe ₂] and Ta(NMe ₂) ₄ [N(TMS)NMe ₂], and fluxional behavior of the amido and hydrazido ligands in solution. <i>Polyhedron</i> , 2010, 29, 1754-1759.	1.0	8
116	Isomerization of the diphosphine ligand 3,4-bis(diphenylphosphino)-5-methoxy-2(5H)-furanone (bmf) at a triosmium cluster and P \equiv C bond cleavage in the unsaturated cluster 1,1-Os ₃ (CO) ₉ (bmf): Synthesis and X-ray diffraction structures of the isomeric Os ₃ (CO) ₁₀ (bmf) clusters and HOs ₃ (CO) ₈ ($\frac{1}{4}$ -C ₆ H ₄)[$\frac{1}{4}$ -PhPCC(Ph ₂ P)CH(OMe)OC(O)]. <i>Polyhedron</i> , 2010, 29, 2814-2821.	1.0	5
117	Synthesis of the donor \rightarrow acceptor ligand 2-(4-dimethylaminobenzylidene)-4,5-bis(diphenylphosphino)-4-cyclopenten-1,3-dione (dbpcd) and X-ray diffraction structure of the platinum(II) compound PtCl ₂ (dbpcd) \cdot 1.5CH ₂ Cl ₂ . <i>Inorganica Chimica Acta</i> , 2010, 363, 418-423.	1.2	1
118	Directed Synthesis of the Triangular Mixed-Metal Cluster H ₂ RhRe ₂ Cp*(CO) ₉ : Ligand Fluxionality and Facile Cluster Fragmentation in the Presence of CO, Halogenated Solvents, and Thiols. <i>Organometallics</i> , 2010, 29, 61-75.	1.1	11
119	Ligand substitution behavior of Ru ₆ ($\frac{1}{6}$ -C)(CO) ₁₇ with unsaturated diphosphines: facile capping of a polyhedral face and photochemically promoted P \equiv C bond cleavage in the cluster Ru ₆ ($\frac{1}{6}$ -C)(CO) ₁₄ ($\frac{1}{3}$ -bpcd). <i>Dalton Transactions</i> , 2010, 39, 1620-1629.	1.6	15
120	Crystallographic Observation of Dynamic Gas Adsorption Sites and Thermal Expansion in a Breathable Fluorous Metal \rightarrow Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2500-2505.	7.2	196
121	Transfer of Amide and 2-Methoxyethoxy Groups and Sodium Encapsulation in the Reaction of TaCl ₃ [N(TMS) ₂] ₂ with Sodium Bis(2-methoxyethoxy)aluminum Hydride: X-ray Structure of [NaAl{N(TMS) ₂ }(OCH ₂ CH ₂ OMe) ₃] ₂ . <i>Journal of Chemical Crystallography</i> , 2009, 39, 428-432.	0.5	1
122	Syntheses, Spectroscopic Data, and X-ray Diffraction Structures of the Heterometallic RuRe Face-shared Bioctahedral ($\frac{1}{6}$ -cymene)Ru($\frac{1}{4}$ -Cl) ₃ Re(CO) ₃ and MnRu ₂ Edge-shared Trioctahedral [fac-ClRu(CO) ₃] ₂ ($\frac{1}{4}$ -Cl) ₄ Mn(H ₂ O) ₂ Complexes. <i>Journal of Chemical Crystallography</i> , 2009, 39, 589-594.	0.5	2
123	$\frac{1}{2}$ -Diimine Ligand Coordination and C \rightarrow H Bond Activation in the Reaction of Os ₃ (CO) ₁₀ (MeCN) ₂ with 6-R-2,2 \rightarrow -Bipyridine (where R=Et, Ph): X-ray Diffraction Structures of the Ortho-Metalated Hydride Clusters HOs ₃ (CO) ₉ (N ₂ C ₁₀ H ₆ -6-R). <i>Journal of Chemical Crystallography</i> , 2009, 39, 820-826.	0.5	2
124	Synthesis, reactivity investigation, and X-ray diffraction structures of new platinum(II) compounds containing redox-active diphosphine ligands. <i>Journal of Molecular Structure</i> , 2009, 919, 34-40.	1.8	7
125	Preparation and reactivity of the heterobimetallic ReIr face-shared bioctahedral compounds Cp*Ir($\frac{1}{4}$ -Cl) ₃ Re(CO) ₃ and Cp*Ir($\frac{1}{4}$ -SC ₆ H ₄ Me-4) ₃ Re(CO) ₃ : X-ray diffraction structures and redox behavior. <i>Polyhedron</i> , 2009, 28, 2294-2300.	1.0	2
126	New rhenium(I) compounds containing the donor \rightarrow acceptor diphosphine ligands 2-(ferrocenylidene)-4,5-bis(diphenylphosphino)-4-cyclopenten-1,3-dione (fbpcd) and 2-(3-ferrocenylprop-2-ynylidene)-4,5-bis(diphenylphosphino)-4-cyclopenten-1,3-dione (fbpbpcd): Electrochemical behavior, MO properties, and X-ray diffraction structure of fac-BrRe(CO) ₃ (fbpbpcd). <i>Polyhedron</i> , 2009, 28, 2619-2624.	1.0	4

#	ARTICLE	IF	CITATIONS
127	Synthesis and Characterization of Group 4 Amide Chloride and Amide Imide Complexes. <i>Organometallics</i> , 2009, 28, 4269-4275.	1.1	20
128	A Concise Approach to the Synthesis of <i>opp</i> -Dibenzoporphyrins through the Heck Reaction. <i>Organic Letters</i> , 2009, 11, 4251-4253.	2.4	67
129	A Large-Surface-Area Boracite-Network-Topology Porous MOF Constructed from a Conjugated Ligand Exhibiting a High Hydrogen Uptake Capacity. <i>Inorganic Chemistry</i> , 2009, 48, 7519-7521.	1.9	66
130	New platinum compounds containing the diphosphine ligand 2-(ferrocenylidene)-4,5-bis(diphenylphosphino)-4-cyclopenten-1,3-dione (fbpcd): Synthesis, redox behavior, and X-ray diffraction structures of PtCl ₂ (fbpcd) and Pt(mnt)(fbpcd). <i>Polyhedron</i> , 2008, 27, 3693-3699.	1.0	5
131	Metal-Organic Frameworks Based on Double-Bond-Coupled Di-Isophthalate Linkers with High Hydrogen and Methane Uptakes. <i>Chemistry of Materials</i> , 2008, 20, 3145-3152.	3.2	248
132	Tetrapyrazineplatinum(II) bis(tetrafluoroborate) acetonitrile hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m1449-m1449.	0.2	4
133	Crystal-to-Crystal Oxidative Deprotonation of a Di(μ -hydroxo) to a Di(μ -oxo) Dimer of Dimolybdenum Units. <i>Inorganic Chemistry</i> , 2007, 46, 3245-3250.	1.9	19
134	Increasing the solubility of strong reducing agents containing Mo ²⁺ units and alkyl-substituted guanidinate ligands. <i>Dalton Transactions</i> , 2007, , 3943.	1.6	23
135	How Small Variations in Crystal Interactions Affect Macroscopic Properties. <i>Journal of the American Chemical Society</i> , 2007, 129, 12666-12667.	6.6	34
136	Better Understanding of the Species with the Shortest Re ²⁺ Bonds and Related Re ²⁺ Species with Tetraguanidinate Paddlewheel Structures. <i>Inorganic Chemistry</i> , 2007, 46, 1718-1726.	1.9	28
137	Fluorous Metal-Organic Frameworks for High-Density Gas Adsorption. <i>Journal of the American Chemical Society</i> , 2007, 129, 15454-15455.	6.6	318
138	Pincer ligand coordination at a triosmium cluster: X-ray structures of 1,2-Os ₃ (CO) ₁₀ [4,6-bis(diphenylphosphinomethyl)- <i>m</i> -xylene] and 1,2-Os ₃ (CO) ₁₀ [1-diphenylphosphino-1-[(2,4-dimethyl-5-diphenylphosphinomethyl)phenyl]-propan-2-ol]. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1806-1811.	0.8	9
139	μ -Diimine Chelation at a Triosmium Cluster: Synthesis and X-ray Structure of 1,1-Os ₃ (CO) ₉ (μ -CO)(1,10-phen). <i>Journal of Chemical Crystallography</i> , 2007, 37, 641-644.	0.5	2
140	Facilitating Access to the Most Easily Ionized Molecule: an Improved Synthesis of the Key Intermediate, W ₂ (hpp) ₄ Cl ₂ , and Related Compounds. <i>Inorganic Chemistry</i> , 2006, 45, 201-213.	1.9	40
141	Strong reducing agents containing dimolybdenum Mo ²⁺ units and their oxidized cations with Mo ^{5+/6+} cores stabilized by bicyclic guanidinate anions with a seven-membered ring. <i>Dalton Transactions</i> , 2006, , 4623.	1.6	29
142	Metal-Metal Bonding in Mixed Valence Ni ²⁺ Complexes and Spectroscopic Evidence for a Ni ²⁺ Species. <i>Inorganic Chemistry</i> , 2006, 45, 4396-4406.	1.9	48
143	Dimolybdenum-Containing Molecular Triangles and Squares with Diamidate Linkers: A Structural Diversity and Complexity. <i>Inorganic Chemistry</i> , 2006, 45, 2619-2626.	1.9	36
144	Homologues of the Easily Ionized Compound Mo ₂ (hpp) ₄ Containing Smaller Bicyclic Guanidinate. <i>Inorganic Chemistry</i> , 2006, 45, 5493-5500.	1.9	47

#	ARTICLE	IF	CITATIONS
145	Modeling Spin Interactions in a Cyclic Trimer and a Cuboidal Co ₄ O ₄ Core with Co(II) in Tetrahedral and Octahedral Environments. <i>Journal of the American Chemical Society</i> , 2005, 127, 4895-4902.	6.6	73
146	A paramagnetic precursor for polymeric supramolecular assemblies based on multiply bonded dimetal units: $\frac{1}{4}$ -acetato-acetonitriletris($\frac{1}{4}$ -N,N'-diphenylformamidinato)diruthenium tetrafluoroborate dichloromethane hemisolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, m71-m73.	0.4	1
147	Tetra- $\frac{1}{4}$ -acetato- μ_4 -O-bis[(N ₁ ,N ₂ -di-p-anisylformamidinato)diruthenium(II)](Ru ^{II}) ₄ : an example of an axial bis-adduct of {Ru ₂ } ⁴⁺ tetracarboxylate with N-donor ligands. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, m109-m111.	0.4	2
148	A hardwon dirhodium paddlewheel with guanidinate type (hpp) bridging ligands. <i>Dalton Transactions</i> , 2005, , 3713.	1.6	32
149	Chiral Organometallic Triangles with Rh ^{II} -Rh Bonds. 2. Compounds Prepared from Enantiopure cis-Rh ₂ (C ₆ H ₄ PPh ₂) ₂ (OAc) ₂ (HOAc) ₂ and Their Catalytic Potentials. <i>Inorganic Chemistry</i> , 2005, 44, 8223-8233.	1.9	51
150	Proof of Large Positive Zero-Field Splitting in a Ru ²⁺ Paddlewheel. <i>Journal of the American Chemical Society</i> , 2005, 127, 12691-12696.	6.6	42
151	Structural and Magnetic Evidence Concerning Spin Crossover in Formamidinate Compounds with Ru ²⁺ Cores. <i>Journal of the American Chemical Society</i> , 2005, 127, 5008-5009.	6.6	51
152	Strong Electronic Couplings between Ferrocenyl Centers Mediated by Bis-Ethynyl/Butadiynyl Diruthenium Bridges. <i>Journal of the American Chemical Society</i> , 2005, 127, 13354-13363.	6.6	153
153	Searching for Precursors to Metal ^{II} -Metal Bonded Dipalladium Species: A Study of Pd ²⁺ Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 6129-6137.	1.9	49
154	Molecular and Electronic Structures by Design: Tuning Symmetrical and Unsymmetrical Linear Trichromium Chains. <i>Journal of the American Chemical Society</i> , 2004, 126, 7082-7096.	6.6	126
155	Extended metal atom chains (EMACs) of five chromium or cobalt atoms: Symmetrical or unsymmetrical?. <i>Dalton Transactions</i> , 2004, , 2297.	1.6	51
156	Chiral Organometallic Triangles with Rh ^{II} -Rh Bonds. 1. Compounds Prepared from Racemic cis-Rh ₂ (C ₆ H ₄ PPh ₂) ₂ (OAc) ₂ . <i>Inorganic Chemistry</i> , 2004, 43, 8394-8403.	1.9	51
157	A Calix[4]arene Carceplex with Four Rh ²⁺ Fasteners. <i>Journal of the American Chemical Society</i> , 2004, 126, 1518-1525.	6.6	75
158	Paramagnetic Precursors for Supramolecular Assemblies: Selective Syntheses, Crystal Structures, and Electrochemical and Magnetic Properties of Ru ₂ (O ₂ CMe) _{4-n} (formamidinato) _n Cl Complexes, n = 1-4. <i>Inorganic Chemistry</i> , 2004, 43, 8290-8300.	1.9	45
159	Paramagnetism at Ambient Temperature, Diamagnetism at Low Temperature in a Ru ²⁺ Core: Structural Evidence for Zero-Field Splitting. <i>Inorganic Chemistry</i> , 2004, 43, 8373-8378.	1.9	35
160	Strong Electronic Coupling between Dimolybdenum Units Linked by the N,N'-Dimethyloxamidate Anion in a Molecule Having a Heteronaphthalene-like Structure. <i>Journal of the American Chemical Society</i> , 2004, 126, 14822-14831.	6.6	46
161	Cu(HCO ₂) ₂ L {L = pyrazine, 4,4'-bipyridine}: employing the formate anion as a building block in three-dimensional coordination polymers. <i>Dalton Transactions</i> , 2003, , 2905-2911.	1.6	55
162	New Chemistry of the Triply Bonded Divanadium (V ²⁺) Unit and Reduction to an Unprecedented V ³⁺ Core. <i>Inorganic Chemistry</i> , 2003, 42, 6063-6070.	1.9	44

#	ARTICLE	IF	CITATIONS
163	Isolation of the New Cubic Phases Ln ₄ FeGa _{12-x} Gex (Ln: Sm, Tb; x = 2.5) from Molten Gallium: Single-Crystal Neutron Diffraction Study of the Ga/Ge Distribution.. ChemInform, 2003, 34, no.	0.1	0
164	LnM ₂ Ga ₃ Ge and Ln ₃ Ni ₃ Ga ₈ Ge ₃ (M: Ni, Co; Ln: Rare-Earth Element): New Intermetallics Synthesized in Liquid Gallium. X-Ray, Electron, and Neutron Structure Determination and Magnetism.. ChemInform, 2003, 34, no.	0.1	0
165	Resolving conformational ambiguities in M ₂ (hpp) ₄ Cl ₂ paddlewheel compounds: M=Mo, W, Re, Ru, Os, Ir, Pd, Pt. Inorganica Chimica Acta, 2003, 351, 191-200.	1.2	39
166	Synthesis and reactivity of a very strong reducing agent containing a quadruple bond: structures of W ₂ (hpp) ₄ and W ₂ (hpp) ₄ Cl ₂ ·4CH ₂ Cl ₂ . Inorganic Chemistry Communication, 2003, 6, 121-126.	1.8	27
167	REM ₂ Ga ₃ Ge and RE ₃ Ni ₃ Ga ₈ Ge ₃ (M = Ni, Co; RE = Rare-Earth Element): A New Intermetallics Synthesized in Liquid Gallium. X-ray, Electron, and Neutron Structure Determination and Magnetism. Inorganic Chemistry, 2003, 42, 6412-6424.	1.9	39
168	The First Structurally Confirmed Paddlewheel Compound with an M ₂₇₊ Core: [Os ₂ (hpp) ₄ Cl ₂](PF ₆). Inorganic Chemistry, 2003, 42, 670-672.	1.9	38
169	Trapping Tetramethoxyzincate and -cobaltate(II) between Mo ²⁴⁺ Units. Inorganic Chemistry, 2003, 42, 4619-4623.	1.9	31
170	Modifying Electronic Communication in Dimolybdenum Units by Linkage Isomers of Bridged Oxamidate Dianions. Journal of the American Chemical Society, 2003, 125, 13564-13575.	6.6	102
171	Oxidation of Ni ₃ (dpa) ₄ Cl ₂ and Cu ₃ (dpa) ₄ Cl ₂ : A Nickel~Nickel Bonding Interaction, but No Copper~Copper Bonds. Inorganic Chemistry, 2003, 42, 2418-2427.	1.9	112
172	Enhancing the Stability of Trinickel Molecular Wires and Switches: Ni ₃₆₊ /Ni ₃₇₊ . Inorganic Chemistry, 2003, 42, 3595-3601.	1.9	63
173	Fully Localized Mixed-Valence Oxidation Products of Molecules Containing Two Linked Dimolybdenum Units: An Effective Structural Criterion. Journal of the American Chemical Society, 2003, 125, 12945-12952.	6.6	43
174	Isomerization by ligand shuffling along a Cr ²⁴⁺ unit: further reactions leading to cleavage of a quadruple bond. Dalton Transactions, 2003, , 3022-3027.	1.6	15
175	Molecular Squares with Paramagnetic Diruthenium Corners: A Synthetic and Crystallographic Challenges. Journal of the American Chemical Society, 2003, 125, 10327-10334.	6.6	113
176	A molecular loop with interstitial channels in a chiral environment: exploration of the chemistry of Mo ²⁴⁺ species with chiral and non-chiral dicarboxylate anions. Dalton Transactions, 2003, , 4297.	1.6	15
177	A mixed-valence compound with one unpaired electron delocalized over four molybdenum atoms in a cyclic tetranuclear ion. Chemical Communications, 2003, , 2190.	2.2	22
178	X-ray and Neutron Structure Determination and Magnetic Properties of New Quaternary Phases RE _{0.67} Ni ₂ Ga _{5+n-x} Gex and RE _{0.67} Ni ₂ Ga _{5+n-x} Six (n= 0, 1; RE = Y, Sm, Gd, Tb, Dy, Ho, Er, Tm) Synthesized in Liquid Ga. Chemistry of Materials, 2002, 14, 3066-3081.	3.2	39
179	Diastereoselective Cycloreductions and Cycloadditions Catalyzed by Co(dpm) ₂ -Silane (dpm =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Radical Pathways. Journal of the American Chemical Society, 2002, 124, 9448-9453.	6.6	134
180	Isolation of the New Cubic Phases RE ₄ FeGa _{12-x} Gex (RE = Sm, Tb; x= 2.5) from Molten Gallium: A Single-Crystal Neutron Diffraction Study of the Ga/Ge Distribution. Inorganic Chemistry, 2002, 41, 6056-6061.	1.9	36

#	ARTICLE	IF	CITATIONS
181	Metal Control of the Reaction Site in Reactions of $[(\eta^5\text{-C}_5\text{H}_3)_2(\text{SiMe}_2)_2\text{M}_2(\text{CO})_4(\eta^4\text{-H})]^+$ (M = Fe, Ru, Os) with Nucleophilic Amines. <i>Organometallics</i> , 2002, 21, 3292-3296.	1.1	23
182	How to Make a Major Shift in a Redox Potential: Ligand Control of the Oxidation State of Dimolybdenum Units. <i>Inorganic Chemistry</i> , 2002, 41, 4232-4238.	1.9	11
183	Kinetics of Methane Hydrate Formation from Polycrystalline Deuterated Ice. <i>Journal of Physical Chemistry A</i> , 2002, 106, 7304-7309.	1.1	108
184	Direct observation of η^2 -imine formation through η^2 -H abstraction between amide ligands. Neutron and X-ray diffraction structure of a dihydride imine ditantalum complex. Electronic supplementary information (ESI) available: experimental section; X-ray ORTEP views of 1a and 1b; HMQC and NOESY NMR spectra. See http://www.rsc.org/suppdata/cc/b1/b108913g/ . <i>Chemical Communications</i> , 2002, , 230-231.	2.2	32
185	A neutron diffraction study of $\text{Cp}_2\text{Ti}(\eta^4\text{-H})_2\text{BC}_8\text{H}_{14}$. <i>Journal of Organometallic Chemistry</i> , 2002, 654, 216-220.	0.8	18
186	Steps on the way to the first dirhodium tetracarboxylate with no axial ligation: synthetic lessons and a plethora of $\text{Rh}_2(\text{O}_2\text{CR})_4\text{L}_2^n$ compounds, n=0, 1, 2. <i>Inorganica Chimica Acta</i> , 2002, 337, 233-246.	1.2	37
187	Di- and Trinuclear Complexes with the Mono- and Dianion of 2,6-Bis(phenylamino)pyridine: High-Field Displacement of Chemical Shifts Due to the Magnetic Anisotropy of Quadruple Bonds. <i>Inorganic Chemistry</i> , 2001, 40, 2778-2784.	1.9	60
188	Tuning the Metal-Metal Bonds in the Linear Tricobalt Compound $\text{Co}_3(\text{dpa})_4\text{Cl}_2$: Bond-Stretch and Spin-State Isomers. <i>Inorganic Chemistry</i> , 2001, 40, 1256-1264.	1.9	72
189	Structural and magnetic properties of $\text{Co}_3(\text{dpa})_4\text{Br}_2$. <i>Dalton Transactions RSC</i> , 2001, , 386-391.	2.3	34
190	A remarkable Cr(III) organometallic compound formed by an unprecedented rearrangement of a formamidinate anion. <i>Chemical Communications</i> , 2001, , 205-206.	2.2	9
191	Time-Resolved in Situ Neutron Diffraction Studies of Gas Hydrate: Transformation of Structure II (sII) to Structure I (sI). <i>Journal of the American Chemical Society</i> , 2001, 123, 12826-12831.	6.6	48
192	Dinuclear and Heteropolynuclear Complexes Containing Mo^{2+} Units. <i>Inorganic Chemistry</i> , 2001, 40, 420-426.	1.9	33
193	Compounds with Symmetrical Tricobalt Chains Wrapped by Dipyritylamide Ligands and Cyanide or Isothiocyanate Ions as Terminal Ligands. <i>Inorganic Chemistry</i> , 2001, 40, 1265-1270.	1.9	67
194	A compound containing two tantalum atoms in oxidation states separated by six units. <i>Inorganica Chimica Acta</i> , 2000, 300-302, 1-6.	1.2	15
195	Linear Tricobalt Compounds with Di(2-pyridyl)amide (dpa) Ligands: Temperature Dependence of the Structural and Magnetic Properties of Symmetrical and Unsymmetrical Forms of $\text{Co}_3(\text{dpa})_4\text{Cl}_2$ in the Solid State. <i>Journal of the American Chemical Society</i> , 2000, 122, 6226-6236.	6.6	141
196	A New Linear Tricobalt Compound with Di(2-pyridyl)amide (dpa) Ligands: Two-Step Spin Crossover of $[\text{Co}_3(\text{dpa})_4\text{Cl}_2][\text{BF}_4]$. <i>Journal of the American Chemical Society</i> , 2000, 122, 2272-2278.	6.6	111
197	New Linear Tricobalt Complex of Di(2-pyridyl)amide (dpa), $[\text{Co}_3(\text{dpa})_4(\text{CH}_3\text{CN})_2][\text{PF}_6]_2$. <i>Inorganic Chemistry</i> , 2000, 39, 3065-3070.	1.9	77
198	A chain of five chromium(II) atoms: a desired compound with an undesired, unsurprising, but important structure. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 517-518.	1.1	53

#	ARTICLE	IF	CITATIONS
199	Can crystal structure determine molecular structure? For $\text{Co}_3(\text{dpa})_4\text{Cl}_2$, yes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3327-3328.	1.1	40
200	Getting the right answer to a key question concerning molecular wires. <i>Chemical Communications</i> , 1999, , 2461-2462.	2.2	44
201	Linear Tricobalt Compounds with Di-(2-pyridyl)amide (dpa) Ligands: A Study of the Paramagnetic Compound $\text{Co}_3(\text{dpa})_4\text{Cl}_2$ in Solution. <i>Inorganic Chemistry</i> , 1999, 38, 6294-6297.	1.9	48
202	Further Study of the Linear Trinickel(II) Complex of Dipyridylamide. <i>Inorganic Chemistry</i> , 1999, 38, 2655-2657.	1.9	132
203	Trinuclear complexes of copper, cobalt and iron with N,N'-di(2-pyridyl) formamidinate ligands, $[\text{M}_3(\text{DPyF})_4][\text{PF}_6]_2$. <i>Inorganic Chemistry Communication</i> , 1998, 1, 281-283.	1.8	28
204	From end-on coordination of acetonitrile molecule to crosswise bridging; formation of iminophosphinoacetamidate ligands in a dimolybdenum complex by further reactions with nucleophiles. <i>Polyhedron</i> , 1998, 17, 2781-2793.	1.0	49
205	Low-Valent Ditantalum Complex $\text{Ta}_2(\eta^4\text{-BH}_3)(\eta^4\text{-dmpm})_3(\eta^2\text{-BH}_4)_2$: A First Dinuclear Compound Containing a Bridging BH_3 Group with Direct Ta-B Bonds. <i>Journal of the American Chemical Society</i> , 1998, 120, 9594-9599.	6.6	24
206	Cleavage of Formamidinate Ligands on a Ta-Ta Double Bond: Formation of H_xCNAr_y ($x=0$ and 1) and Arylimido-Bridged Complexes. <i>Inorganic Chemistry</i> , 1997, 36, 896-901.	1.9	47
207	Metal-assisted unorthodox reactions of formamidines: coupling, cleavage and insertions. <i>Polyhedron</i> , 1997, 16, 1177-1191.	1.0	32
208	Transition metal (Mn, Co) and zinc formamidinate compounds having the basic beryllium acetate structure, and unique isomeric iron compounds. <i>Inorganica Chimica Acta</i> , 1997, 266, 91-102.	1.2	68
209	Structural studies of formamidine compounds: from neutral to anionic and cationic species. <i>Polyhedron</i> , 1997, 16, 541-550.	1.0	57
210	nido-Metalloborane Complexes: Synthesis and Structural Characterization of $\eta^4\text{-}\eta^4$ -Hexahydrodiboratotetrakis(N,N'-diarylfornamidinato)ditantalum(III), Aryl = p-Tolyl and Phenyl. The First Structurally Characterized Complexes Containing the $\eta^4\text{-}\eta^4$ -B ₂ H ₆ -Ligand. <i>Journal of the American Chemical Society</i> , 1996, 118, 4830-4833.	6.6	36
211	A Wonderful Bond That Wasn't There: Reformulation of a Compound Containing a Ta-Ta Bond without Bridging Ligands as $[(\text{Cy}_2\text{N})_2\text{ClTa}(\eta^4\text{-H})]_2$. <i>Journal of the American Chemical Society</i> , 1996, 118, 12449-12450.	6.6	20
212	Trivalent mononuclear mer-trichlorotris (pyridine) tantalum (III): preparation and structure in three crystalline forms. <i>Inorganica Chimica Acta</i> , 1996, 245, 115-118.	1.2	9