

Joel S Miller

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Origin of the magnetic couplings for the weak ferromagnet Li+[TCNE]â€¢- (TCNE=â€¢Tetracyanoethylene). Polyhedron, 2022, 221, 115871.	2.2	0
2	Magnets for this Millennium Based Upon Coordination Compounds and New Coordination Chemistry. Bulletin of Japan Society of Coordination Chemistry, 2022, 79, 38-49.	0.2	0
3	Pressure and temperature dependences of the canting angle and increase in the magnetic ordering temperature, T_c (P), for the weak ferromagnet $\text{Li}^+[\text{TCNE}]^{\text{TM}}$ (TCNE = tetracyanoethylene). Dalton Transactions, 2021, 50, 13859-13865.	3.3	3
4	Fabrication Method, Ferromagnetic Resonance Spectroscopy and Spintronics Devices Based on the Organic-Based Ferrimagnet Vanadium Tetracyanoethylene. Advanced Functional Materials, 2021, 31, 2100687.	14.9	9
5	Pressure Dependence of the Magnetic Ordering Temperature (T_c) for the $\text{Na}_2\text{Mn}[\text{Mn}(\text{CN})_6]$ Noncubic Prussian Blue Analogue. Inorganic Chemistry, 2021, 60, 12766-12771.	4.0	2
6	Low temperature structures and magnetic interactions in the organic-based ferromagnetic and metamagnetic polymorphs of decamethylferrocenium 7,7,8-tetracyano-p-quinodimethanide, $[\text{FeCp}^*_2]^{\text{TM}}[\text{TCNQ}]^{\text{TM}}$. Dalton Transactions, 2021, 50, 11228-11242.	3.3	6
7	Solid State ^{13}C NMR Evidence for Long Multicenter Intradimer Bonding in Zwitterion-Like Structures. Chemistry - A European Journal, 2020, 26, 230-236.	3.3	2
8	Spin Wave Excitation, Detection, and Utilization in the Organic-Based Magnet, $\text{V}(\text{TCNE})_x$ (TCNE = Tetracyanoethylene). Advanced Materials, 2020, 32, e2002663.	21.0	17
9	Ferrimagnetic Ordering and Anomalous Stoichiometry Observed for the Cubic, Extended 3D Prussian Blue Analogues $(\text{NEt}_3\text{Me})_2\text{Mn}(\text{CN})_{12}$ and $(\text{NEt}_2\text{Me})_2\text{Mn}(\text{CN})_{12}$: A Cation-Adaptive Structure. Chemistry - A European Journal, 2020, 26, 15565-15572.	3.3	1
10	Viewpoint: Metalloids' An Electronic Band Structure Perspective. Chemistry - A European Journal, 2019, 25, 11177-11179.	3.3	2
11	Direct observation of the intermediate in an ultrafast isomerization. Chemical Science, 2019, 10, 113-117.	7.4	12

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#	ARTICLE	IF	CITATIONS
19	Organic-based magnon spintronics. <i>Nature Materials</i> , 2018, 17, 308-312.	27.5	65
20	Structures of a Complex Hydrazinium Lead Iodide, $(\text{N}_2\text{H}_5)_{15}\text{Pb}_3\text{I}_{21}$, Possessing $[\text{Pb}_2\text{I}_9]^{\supset 5+}$, $[\text{Pb}_6\text{I}_4]^{\supset +}$, and $\text{I}^{\supset -}$ Ions and $\text{I}^{\supset -}$ and $\text{I}^{\supset -}$ $(\text{N}_2\text{H}_5)_3\text{Pb}_3$. <i>Chemistry - A European Journal</i> , 2018, 24, 222-229.	3.3	19
21	Enhancing Intermolecular Interaction by Cyano Substitution in Copper Phthalocyanine. <i>Journal of Physical Chemistry C</i> , 2018, 122, 429-437.	3.1	8
22	Synthesis, structure, and magnetic properties of the trans-difluoro-bis-phenoxo-bridged iron(III) complex $\text{FeIII}_2(\text{BBPA})_2\text{F}_2$ ($\text{H}_2\text{BBPA} = \text{N,N-bis(2-hydroxybenzyl)-N-(2-pyridylmethyl)amine}$). <i>Polyhedron</i> , 2018, 2, 139, 267-270.	2.2	5
23	Seven-coordinate tetraoxolate complexes. <i>Polyhedron</i> , 2018, 139, 215-221.	2.2	8
24	Inexpensive Method for Creating Robust Barium Sulfate Plates for Use in a UV-Vis Integrating Sphere. <i>Journal of Chemical Education</i> , 2018, 95, 1415-1418.	2.3	1
25	Spintronic detection of interfacial magnetic switching in a paramagnetic thin film of tris(8-hydroxyquinoline)iron(III). <i>Physical Review B</i> , 2017, 95, .	3.2	9
26	High spin ground state copper(II) and nickel(II) complexes possessing the 3,5-di-tert-butyl-1,2-semiquinonate radical anion. <i>Polyhedron</i> , 2017, 133, 348-357.	2.2	13
27	Reprint of: High spin ground state copper(II) and nickel(II) complexes possessing the 3,5-di-tert-butyl-1,2-semiquinonate radical anion. <i>Polyhedron</i> , 2017, 136, 176-185.	2.2	1
28	Increase in the Magnetic Ordering Temperature (T_c) as a Function of the Applied Pressure for $\text{A}_2\text{Mn}[\text{Mn}(\text{CN})_6]$ (A = K, Rb, Cs) Prussian Blue Analogues. <i>Inorganic Chemistry</i> , 2017, 56, 10452-10457.	4.0	15
29	Crystal Structure of Hydrazinium Iodide by Neutron Diffraction. <i>Journal of Chemical Crystallography</i> , 2017, 47, 241-244.	1.1	0
30	Cation Dependence of the Dimerization Enthalpy for A_2 [tetracyanoethylene] $_2$ (A = NMe $_4$, Mepy, NEt $_4$) Possessing a Long, Multicenter Bond. <i>Chemistry - A European Journal</i> , 2017, 23, 12620-12629.	3.3	3
31	The Tetracyanopyridinide Dimer Dianion, $[\text{TCNPy}]_2^{2-}$. <i>Chemistry - A European Journal</i> , 2016, 22, 12312-12315.	3.3	3
32	Hexacyanobutadienide-Based Frustrated and Weak Ferrimagnets: $\text{M}(\text{HCBD})_2\text{CH}_2\text{Cl}_2$ (M = V, Fe). <i>Inorganic Chemistry</i> , 2016, 55, 9393-9399.	4.0	4
33	Characterization of Tetracyanopyridine (TCNPy)-Based Magnets: $\text{V}[\text{TCNPy}]_2 \cdot z \cdot \text{CH}_2\text{Cl}_2$ ($T_c = 111 \text{ K}$) and $\text{V}[\text{TCNPy}]_3 \cdot z \cdot \text{CH}_2\text{Cl}_2$ ($T_c = 90 \text{ K}$). <i>Chemistry - A European Journal</i> , 2016, 22, 14273-14278.	3.3	3
34	A New Conformation With an Extraordinarily Long, 3.04 Å... Two-Electron, Six-Center Bond Observed for the $[\text{TCNE}]_2^{2-}$ Dimer in $[\text{NMe}_4]_2[\text{TCNE}]_2$ (TCNE = Tetracyanoethylene). <i>Chemistry - A European Journal</i> , 2015, 21, 13145-13145.	3.3	0
35	Hybrid Organic-Inorganic Perovskites (HOIPs): Opportunities and Challenges. <i>Advanced Materials</i> , 2015, 27, 5102-5112.	21.0	372
36	Long, Multicenter Bonding – A New Concept for Supramolecular Materials. <i>Chemistry - A European Journal</i> , 2015, 21, 9302-9305.	3.3	10

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37	A New Conformation With an Extraordinarily Long, 3.04 Å... Two-Electron, Six-Center Bond Observed for the [TCNE]_2^{2-} Dimer in $[\text{NMe}_4]_2[\text{TCNE}]_2 \cdot 3.3$ (TCNE=Tetracyanoethylene). <i>Chemistry - A European Journal</i> , 2015, 21, 13240-13245.	3.3	9
38	Orientational Preference of Long, Multicenter Bonds in Radical Anion Dimers: A Case Study of [TCNB]_2^{2-} and [TCNP]_2^{2-} . <i>Chemistry - A European Journal</i> , 2015, 21, 6420-6432.	3.3	14
39	Intrinsic Organic-Based Synthetic/Artificial Antiferromagnets. <i>Chemistry - A European Journal</i> , 2015, 21, 4506-4510.	3.3	7
40	Linear (1-D) chain structure of $[\text{Ru}_2(\text{O}_2\text{CMe})_4] + [\text{CoII}(\text{Pc}(\text{CN})_2)]^{2-}$ determined via synchrotron powder diffraction data. <i>Inorganica Chimica Acta</i> , 2015, 424, 116-119.	2.4	4
41	Thermodynamic investigation by heat capacity measurements of ferrimagnetic $\text{A}_2\text{Mn}[\text{Mn}(\text{CN})_6]$ (A=K, Rb, Cs) Prussian blue compounds. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 016001.	1.8	5
42	Pressure-driven high-to-low spin transition in the bimetallic quantum magnet $[\text{Ru}_2(\text{O}_2\text{CMe})_4]_3[\text{Cr}(\text{CN})_6]$. <i>Physical Review B</i> , 2014, 90, .	3.2	14
43	Organic- and molecule-based magnets. <i>Materials Today</i> , 2014, 17, 224-235.	14.2	123
44	Structure and Properties of Nitrogen-Rich 1,4-Dicyanotetrazine, C_4N_6 : A Comparative Study with Related Tetracyano Electron Acceptors. <i>Journal of Organic Chemistry</i> , 2014, 79, 8189-8201.	3.2	5
45	The Origin of the Room-Temperature Stability of $[\text{TTF}]_2^{2+}$ Long, Multicenter Bonds Found in Functionalized $[\text{R-TTF}]_2^{2+}$ Dimers Included in the Cucurbit[8]uril Cavity. <i>Chemistry - A European Journal</i> , 2014, 20, 7784-7795.	3.3	12
46	Pressure dependent magnetic behavior of 1D ferrimagnetic meso-tetrakis((4-chlorophenyl)porphyrinato)manganese(III) tetracyanoethenide, $[\text{MnIIITCIPP}] + [\text{TCNE}]^{2-}$. <i>Polyhedron</i> , 2014, 68, 76-79.	2.2	2
47	Pressure-Dependent Enhanced χ and Magnetic Behavior of the Metamagnetic and Ferromagnetic Polymorphs of $[\text{Fe}^{\text{III}}\text{Cp}^*]_2^{2+}[\text{TCNQ}]^{2-}$ (Cp^* = Pentamethylcyclopentadienide; TCNQ = 7,7,8,8-Tetracyano-p-quinodimethane). <i>Inorganic Chemistry</i> , 2013, 52, 1108-1112.	4.0	13
48	Keys for the Existence of Stable Dimers of Bis-tetrathiafulvalene (bis-TTF)-Functionalized Molecular Clips Presenting $[\text{TTF}]_2^{2+}$ Long, Multicenter Bonds at Room Temperature. <i>Journal of the American Chemical Society</i> , 2013, 135, 13814-13826.	13.7	30
49	Pressure Induced Crossover between a Ferromagnetic and a Canted Antiferromagnetic State for $[\text{Bis}(\text{pentamethylcyclopentadienyl})\text{-iron(III)}][\text{Tetracyanoethenide}]$, $[\text{FeCp}^*]_2[\text{TCNE}]$. <i>Inorganic Chemistry</i> , 2013, 52, 11677-11683.	4.0	5
50	Weak Ferromagnetic Ordering of the $\text{Li} + [\text{TCNE}]^{2-}$ (TCNE = Tetracyanoethylene) Organic Magnet with an Interpenetrating Diamondoid Structure. <i>Journal of the American Chemical Society</i> , 2013, 135, 18060-18063.	13.7	24
51	Low temperature hysteretic behavior of the interpenetrating 3-D network structured $[\text{Ru}_2(\text{O}_2\text{CMe})_4]_3[\text{Fe}(\text{CN})_6]$ magnet. <i>Polyhedron</i> , 2013, 64, 73-76.	2.2	9
52	Pressure induced increase in T_c for the organic-based magnet $\text{FeI}(\text{TCNE})_2$ (TCNE=tetracyanoethylene). <i>Polyhedron</i> , 2013, 66, 56-59.	2.2	1
53	Dimer structure of 1,2-bipyridyldichloroiron(II), $[\text{FeIICl}_2\text{bipy}]_2$, and chain structure of 2,2'-bipyridyldithiocyanatoiron(II), $[\text{FeII}(\text{NCS})_2\text{bipy}]_n$. The use of powder X-ray diffraction data to determine the structure of Werner coordination complexes. <i>Polyhedron</i> , 2013, 52, 713-718.	2.2	5
54	Pressure-Dependent Reversible Increase in χ for the Ferrimagnetic 2-D $\text{Mn}^{\text{II}}(\text{TCNE})_2(\text{OH})_2$ and 3-D $\text{Mn}^{\text{II}}(\text{TCNE})_3(\text{I})_3 \cdot 1/2\text{THF}$ Organic-Based Magnets. <i>Inorganic Chemistry</i> , 2013, 52, 4629-4634.	4.0	8

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55	Evidence for Multicenter Bonding in Dianionic Tetracyanoethylene Dimers by Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6421-6425.	13.8	33
56	Evidence for Multicenter Bonding in Dianionic Tetracyanoethylene Dimers by Raman Spectroscopy. <i>Angewandte Chemie</i> , 2013, 125, 6549-6553.	2.0	13
57	Pressure induced transition from spin glass-like behavior to a metamagnet exhibiting weak ferromagnetism observed for decamethylferrocenium hexacyanobutadienide, $[\text{FeCp}^*2]^{\text{TM}+}[\text{HCBD}]^{\text{TM}-}$. <i>Dalton Transactions</i> , 2013, 42, 8334.	3.3	5
58	Pressure-Dependent Increase in χ and Magnetic Behavior of $[\text{Ru}_2(\text{O}_2\text{C}_4\text{Bu}^t)_4]_3[\text{M}(\text{CN})_6]_2$ ($\text{M} = \text{Cr, Fe}$). <i>Inorganic Chemistry</i> , 2013, 52, 1418-1423.	4.1	22
59	Characterization of the Elusive Rhodizonate Ring Contraction Decarbonylation $\text{C}_5\text{O}_4(\text{OH})\text{CO}_2\text{Me}$ Intermediate to Croconate. <i>Chemistry - A European Journal</i> , 2013, 19, 14795-14797.	3.3	4
60	Neutron-diffraction evidence for the ferrimagnetic ground state of a molecule-based magnet with weakly coupled sublattices. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 496001.	1.8	4
61	Interpenetrating Three-Dimensional Diamondoid Lattices and Antiferromagnetic Ordering ($\chi = 73 \text{ K}$) of $\text{Mn}(\text{CN})_2$. <i>Inorganic Chemistry</i> , 2012, 51, 3046-3050.	4.0	18
62	Magnetoelastic coupling in $[\text{Ru}_2(\text{O}_2\text{CMe})_4]_3[\text{Cr}(\text{CN})_6]$ molecule-based magnet. <i>Physical Review B</i> , 2012, 86, .	3.2	14
63	Structure and magnetostructural correlation of ferrimagnetic meso-tetraphenylporphinatomanganese(III) dimethyl-N,N'-dicyanoquinone diimide, $[\text{MnTPP}]^+[\text{Me}_2\text{DCNQI}]^-$. <i>Science China Chemistry</i> , 2012, 55, 987-996.	8.2	2
64	Mean Field Analysis of the Exchange Coupling (J) for Two- and Three-Dimensional Structured Tetracyanoethenide (TCNE)-Based Magnets. <i>Journal of Physical Chemistry C</i> , 2012, 116, 16154-16160.	3.1	8
65	A Mean-Field Analysis of the Exchange Coupling (J) for Noncubic Prussian Blue Analogue Magnets. <i>Journal of Physical Chemistry C</i> , 2012, 116, 24752-24756.	3.1	2
66	Non-Prussian Blue Structures and Magnetic Ordering of $\text{Na}_2\text{Mn}(\text{CN})_6$ and $\text{Na}_2\text{Mn}(\text{CN})_6 \cdot 2\text{H}_2\text{O}$. <i>Journal of the American Chemical Society</i> , 2012, 134, 2246-2254.	13.7	84
67	Pressure-Induced Transition from an Antiferromagnet to a Ferrimagnet for $\text{Mn}(\text{TCNE})_4$ ($\text{TCNE} = \text{Tetracyanoethylene}$). <i>Inorganic Chemistry</i> , 2012, 51, 9978-9982.	4.0	20
68	Antiferromagnetic Ordering of $\text{M}(\text{TCNE})_4$ ($\text{M} = \text{Mn, Fe}$; $\text{TCNE} = \text{Tetracyanoethylene}$). <i>Inorganic Chemistry</i> , 2012, 51, 9978-9982.	4.0	20
69	Extended Network Thiocyanate- and Tetracyanoethanide-Based First-Row Transition Metal Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 9655-9665.	4.0	72
70	N_7 -Tetracyanoquinomethanimine (TCQMI) Based Organic Magnetic Materials. <i>Advanced Functional Materials</i> , 2012, 22, 1802-1811.	14.9	6
71	Structure and Magnetic Ordering of the Anomalous Layered (2D) Ferrimagnet $[\text{NEt}_4]_2\text{Mn}_3(\text{CN})_8$ and 3D Bridged Layered Antiferromagnet $[\text{NEt}_4]\text{Mn}_3(\text{CN})_7$ Prussian Blue Analogues. <i>Chemistry - A European Journal</i> , 2012, 18, 9281-9288.	3.3	19
72	Thin film $\text{Co}[\text{TCNE}]_2$ and $\text{VCo}[\text{TCNE}]_2$ magnetic materials. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 2218-2223.	2.3	8

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73	Structure and magnetic ordering of a 2-D MnII(TCNE)I(OH ₂) (TCNE = tetracyanoethylene) organic-based magnet (T _c = 171 K). <i>Chemical Communications</i> , 2011, 47, 7602.	4.1	26
74	Stabilization of Magnetic Ordering Observed for the Bridging NCN Group. <i>Inorganic Chemistry</i> , 2011, 50, 2735-2737.	4.0	4
75	Magnetically ordered molecule-based materials. <i>Chemical Society Reviews</i> , 2011, 40, 3266.	38.1	360
76	Metamagnetic phase transition in a diruthenium compound with interpenetrating sublattices. <i>Polyhedron</i> , 2011, 30, 3131-3133.	2.2	1
77	Unusually Long, Multicenter, Cation ⁺ ...Anion ⁻ Bonding Observed for Several Polymorphs of [TTF][TCNE]. <i>Chemistry - A European Journal</i> , 2011, 17, 9326-9341.	3.3	18
78	Determination of the magnetic ground state of a polycrystalline compound based on susceptibility measurements. <i>Physical Review B</i> , 2011, 83, .	3.2	5
79	Local magnetism in the molecule-based metamagnet [Ru ₂ (O ₂ CMe) ₄] ₂ [Fe(CN) ₅ NO] possessing interpenetrating lattices. <i>Inorganica Chimica Acta</i> , 2010, 363, 2137-2143.	3.2	5
80	Mn ^{II} (TCNE) _{3/2} (I ₃) _{1/2} "A 3D Network Structured Organic-Based Magnet and Comparison to a 2D Analog. <i>Advanced Materials</i> , 2010, 22, 2514-2519.	21.0	46
81	Anomalous Stoichiometry, Layered Structure, and Magnetic Ordering for the Prussian Blue Analogue [NEt ₄] ₂ [Mn ^{II} (CN) ₈]. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7773-7775.	13.8	11
82	Preparation and structure of [RuII(O ₂ CMe) ₄] ₂ [Fe(CN) ₅ NO] and magnetically ordered H _x [RuII(O ₂ CMe) ₄] ₃ x[Cr(CN) ₅ NO] possessing interpenetrating lattices. <i>Inorganica Chimica Acta</i> , 2010, 363, 2137-2143.	2.4	17
83	Layered (2-D) structure of [Ru ₂ (O ₂ CMe) ₄] ₂ [Ni(CN) ₄] determined via Rietveld refinement of synchrotron powder diffraction data. <i>Inorganica Chimica Acta</i> , 2010, 364, 172-175.	2.4	11
84	Optical control of magnetization in a room-temperature magnet: V-Cr Prussian blue analog. <i>Physical Review B</i> , 2010, 82, .	3.2	24
85	Pressure-induced phase transition in a molecule-based magnet with interpenetrating sublattices. <i>Physical Review B</i> , 2010, 81, .	3.2	17
86	Solid-State NMR Spectra and Long, Intra-Dimer Bonding in the [TTF] ₂ ²⁺ (TTF =) Tj ETQq0 0 0 rgBT /Overloc	2.9	23
87	Structures and Magnetostructural Correlation of Two Desolvated Polymorphs of Ferrimagnetic meso-Tetrakis(4-chlorophenyl)porphinatomanganese(III) Tetracyanoethenide, [MnTCIPP] ⁺ [TCNE] ⁻ . <i>Journal of Physical Chemistry C</i> , 2010, 114, 20614-20620.	3.1	9
88	Observation of Magnetic Ordering for Layered (2-D) Potassium Diruthenium Tetracarbonate, K ₃ [RuII(O ₂ CO) ₄]: A Rare Second Row Transition Metal-based Magnet. <i>Inorganic Chemistry</i> , 2010, 49, 5542-5545.	4.0	25
89	Anomalous Non-Prussian Blue Structures and Magnetic Ordering of K ₂ Mn ^{II} [Mn ^{II} (CN) ₆] and Rb ₂ Mn ^{II} [Mn ^{II} (CN) ₆]. <i>Inorganic Chemistry</i> , 2010, 49, 1524-1534.	4.0	86
90	Zero-dimensional organic-based magnets possessing decamethylmetallocene. <i>Journal of Materials Chemistry</i> , 2010, 20, 1846-1857.	6.7	38

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91	Giant antiferromagnetically coupled moments in a molecule-based magnet with interpenetrating lattices. <i>Physical Review B</i> , 2009, 80, .	3.2	10
92	Spin-polarized electronic structure for the layered two-dimensional $[\text{Fe}(\text{TCNE})(\text{NCMe})_2][\text{Fe}(\text{Cl})_4]$ organic-based magnet. <i>Physical Review B</i> , 2009, 80, .	3.2	7
93	Molecule-based magnets with diruthenium building blocks in two and three dimensions. <i>Physical Review B</i> , 2009, 80, .	3.2	16
94	Oxidation Leading to Reduction: Redox-Induced Electron Transfer (RIET). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 262-272.	13.8	162
95	Long, multicenter bonding in $[\text{terthiophene}]^{2+}$ dimers. <i>Theoretical Chemistry Accounts</i> , 2009, 123, 137-143.	1.4	8
96	Preparation and structure of $[\text{TPyA}=\text{tris}(2\text{-pyridylmethyl})\text{amine}]$ possessing terminal and bridging fluorides. <i>Inorganica Chimica Acta</i> , 2009, 362, 595-598.	2.4	12
97	Oliver Kahn Lecture: Composition and structure of the $\text{V}[\text{TCNE}]_x$ (TCNE=tetracyanoethylene) room-temperature, organic-based magnet – A personal perspective. <i>Polyhedron</i> , 2009, 28, 1596-1605.	2.2	55
98	Observation of Redox-Induced Electron Transfer and Spin Crossover for Dinuclear Cobalt and Iron Complexes with the 2,5-Di- <i>tert</i> -butyl-3,6-dihydroxy-1,4-benzoquinonate Bridging Ligand. <i>Journal of the American Chemical Society</i> , 2009, 131, 6229-6236.	13.7	106
99	Theoretical Study of the Electronic Structure of $[\text{TCNQ}]^{2-}$ ($\text{TCNQ} = \text{Tj ETQq1 1 0.784314 rgBT / Overlock}$) Solution and the Solid State. <i>Journal of Physical Chemistry A</i> , 2009, 113, 7124-7132.	2.5	39
100	Structure and Magnetic Interactions in the Organic-Based Ferromagnet Decamethylferrocenium Tetracyanoethenide, $[\text{FeCp}^*_2]^+[\text{TCNE}]^-$. <i>Inorganic Chemistry</i> , 2009, 48, 3296-3307.	4.0	34
101	The Tetracyanopyrazinide Dimer Dianion, $[\text{TCNP}]^{2-}$. 2-Electron 8-Center Bonding. <i>Journal of the American Chemical Society</i> , 2009, 131, 9070-9075.	13.7	41
102	Comparative Analysis of the Multicenter, Long Bond in $[\text{TCNE}]^{\cdot-}$ and Phenalenyl Radical Dimers: A Unified Description of Multicenter, Long Bonds. <i>Journal of the American Chemical Society</i> , 2009, 131, 7699-7707.	13.7	122
103	Structures of the Solvated Organic-Based Ferromagnet Decamethylferrocenium Tetracyanoethenide, $[\text{FeCp}^*_2]^+[\text{TCNE}]^{\cdot-}\gamma\text{RCN}$ (R = Me, Et, n-Pr). <i>Inorganic Chemistry</i> , 2009, 48, 4201-4206.	4.0	8
104	Diruthenium Tetracarboxylate Trianion, $[\text{Ru}^{\text{II/III}}]_2(\text{O})_2(\text{CO})_4^{3-}$, Based Molecule-Based Magnets: Three-Dimensional Network Structure and Two-Dimensional Magnetic Ordering. <i>Inorganic Chemistry</i> , 2009, 48, 6117-6123.	4.0	34
105	Tristability Arising from Singlet-Triplet and Quartet Spin States for Dimeric Co^{II} Salen. <i>Inorganic Chemistry</i> , 2009, 48, 4593-4594.	4.0	16
106	Direct evidence of electron spin polarization from an organic-based magnet: $\text{mml}:\text{math}$ $\text{xmlns}:\text{mml}=\text{"http://www.w3.org/1998/Math/MathML"}$		

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109	[MeNC ₅ H ₅] ₂ [TCNE] ₂ (TCNE = tetracyanoethylene). Single crystal X-ray and neutron diffraction characterization of an exceptionally long 2.8 Å... C≡C bond. CrystEngComm, 2009, 11, 686.	2.6	14
110	Acetonitrile-facilitated Reductive Dimerization of TCNE to Octacyanobutanediide, [C ₄ (CN) ₈] ²⁻ , by Iron(II) Chloride. Chemistry - A European Journal, 2008, 14, 714-720.	3.3	12
111	Structure and magnetic properties of LnIII[Ru ₂ (CO) ₃] ₄ ·8H ₂ O. Inorganica Chimica Acta, 2008, 361, 3462-3464.	2.4	18
112	Syntheses, structure, and magnetic properties of extended structured Cr(II) pentacyanopropenide compounds. Journal of Molecular Structure, 2008, 890, 41-47.	3.6	10
113	Observation of a 331K (58Å°C) spin transition for bis[hydrotris(1,2,4-triazol-1-yl)borate]iron(II) by variable temperature infrared spectroscopy and magnetic susceptibility measurements. Solid State Sciences, 2008, 10, 1804-1806.	3.2	8
114	Structure of CrII(FCNMe) ₂ BF ₄ . Rietveld refinement of a component of a physical mixture of unknown composition. CrystEngComm, 2008, 10, 1728.	2.6	3
115	Magnetic Ground State and Phase Diagram, <i>H</i> (<i>T</i>), for Magnetically Ordered [Ru ₂ (O ₂ CMe) ₄] ₃ [Cr(CN) ₆]. Journal of Physical Chemistry C, 2008, 112, 7936-7938.	3.1	29
116	A dinuclear iron(II) complex, [(TPyA)Fe ^{II} (THBQ ²⁻)Fe ^{II} (TPyA)](BF ₄) ₂ [TPyA = tris(2-pyridylmethyl)amine; THBQ ²⁻ = 2,3,5,6-tetrahydroxy-1,4-benzoquinonate] exhibiting both spin crossover with hysteresis and ferromagnetic exchange. Chemical Communications, 2008, , 317-319.	4.1	42
117	[Cyanil] ₂ ²⁻ dimers possess long, two-electron ten-center (2e ⁻ /10c) multicenter bonding. Physical Chemistry Chemical Physics, 2008, 10, 4106.	2.8	31
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