

Gordon T Yee

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetically Recoverable Chiral Catalysts Immobilized on Magnetite Nanoparticles for Asymmetric Hydrogenation of Aromatic Ketones. <i>Journal of the American Chemical Society</i> , 2005, 127, 12486-12487.	6.6	596
2	AnS= 6 Cyanide-Bridged Octanuclear FeIII4NiII4Complex that Exhibits Slow Relaxation of the Magnetization. <i>Journal of the American Chemical Society</i> , 2006, 128, 4214-4215.	6.6	208
3	Single-Molecule Magnets Constructed from Cyanometalates: $\{[Tp^*Fe^{III}(CN)_3M^{III}(DMF)_4]_2[OTf]_2\} \cdot 2DMF$ (M= Co, Ni). <i>Inorganic Chemistry</i> , 2005, 44, 4903-4905.	1.9	182
4	Synthetic, electrochemical, optical, and conductivity studies of coordination polymers of iron, ruthenium, and osmium octaethylporphyrin. <i>Journal of the American Chemical Society</i> , 1987, 109, 4606-4614.	6.6	148
5	Decamethylmanganocenium tetracyanoethenide, $[Mn(C_5Me_5)_2]^{2+}[TCNE]^{2-}$: a molecular ferromagnet with an 8.8 K _{Tc} . <i>Advanced Materials</i> , 1991, 3, 309-311.	11.1	135
6	Square Planar vs Tetrahedral Geometry in Four Coordinate Iron(II) Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 3103-3111.	1.9	119
7	Synthesis, X-ray Structures, and Magnetic Properties of Copper(II) Pyridinecarboxylate Coordination Networks. <i>Crystal Growth and Design</i> , 2001, 1, 159-163.	1.4	112
8	AnS= 2 Cyanide-Bridged Trinuclear FeII2NiII Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2006, 45, 5251-5253.	1.9	104
9	Synthesis and Spectroscopic and Magnetic Characterization of Tris(3,5-dimethylpyrazol-1-yl)borate Iron Tricyanide Building Blocks, a Cluster, and a One-Dimensional Chain of Squares. <i>Inorganic Chemistry</i> , 2006, 45, 1951-1959.	1.9	77
10	Preparation and Structural Characterization of the D_{5h} and the $Tm_3N@C_{80}$ Isomers of the Endohedral Fullerenes: Icosahedral C_{80} Cage Encapsulation of a Trimetallic Nitride Magnetic Cluster with Three Uncoupled Tm^{3+} Ions. <i>Inorganic Chemistry</i> , 2008, 47, 5234-5244.	1.9	77
11	A Two-Dimensional Octacyanomolybdate(V)-Based Ferrimagnet: $\{[Mn^{II}(DMF)_4]_3[MoV(CN)_8]_2\}_n$. <i>Inorganic Chemistry</i> , 2006, 45, 4307-4309.	1.9	67
12	$Gd_3N@C_{84}(OH)_x$: A New Egg-Shaped Metallofullerene Magnetic Resonance Imaging Contrast Agent. <i>Journal of the American Chemical Society</i> , 2014, 136, 2630-2636.	6.6	67
13	Size-Dependent Magnetism of EuS Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 3368-3376.	3.2	60
14	Canted Ferromagnetism and Other Magnetic Phenomena in Square-Planar, Neutral Manganese(II) and Iron(II) Octaethyltetraazaporphyrins. <i>Journal of the American Chemical Society</i> , 1998, 120, 4662-4670.	6.6	51
15	Structural Distortion and Magnetic Behavior in Cyanide-Bridged FeII2NiII2 Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1341-1346.	1.0	49
16	A cyano-based octanuclear $\{Fe^{III}_4Ni^{II}_4\}$ single-molecule magnet. <i>Chemical Communications</i> , 2010, 46, 4953.	2.2	45
17	Three-Dimensional Manganese(II) Coordination Polymers Based on m-Pyridinecarboxylates: Synthesis, X-ray Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2000, 39, 4169-4173.	1.9	41
18	Early Metal Di- and Tricyanometalates: Useful Building Blocks for Constructing Magnetic Clusters. <i>Inorganic Chemistry</i> , 2006, 45, 2773-2775.	1.9	38

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37	Ligand Design for Securing Ferromagnetic Exchange Coupling in Multimetallic Complexes. Chemistry - A European Journal, 1995, 1, 528-537.	1.7	22
38	New Magnetically Coupled Bimetallic Complexes as Potential Building Blocks for Magnetic Materials. Chemistry - A European Journal, 1998, 4, 2173-2181.	1.7	22
39	High-Spin and Spin-Crossover Behavior in Monomethylated Bis(indenyl)chromium(II) Complexes. Organometallics, 2006, 25, 4945-4952.	1.1	22
40	Coordination Complexes with <i>cis</i> -TCNE Radical Anion Ligands. Models of M[TCNE] ₂ Magnets. Inorganic Chemistry, 2006, 45, 1406-1408.	1.9	22
41	Experimental evidence for singlet <i>s</i> -wave pairing in YBa ₂ Cu ₃ O ₇ . Physica C: Superconductivity and Its Applications, 1989, 161, 195-197.	0.6	20
42	A room temperature ferrimagnet, vanadium[pentafluorophenyltricyanoethylene] ₂ . Polyhedron, 2007, 26, 2037-2041.	1.0	18
43	Synthesis, Structure, and Magnetic Properties of the Charge-Transfer Salt Ferromagnet Decamethylchromocenium Dimethyl Dicyanofumarate, T _{Curie} = 5.7 K. Inorganic Chemistry, 2000, 39, 865-868.	1.9	17
44	Design and Synthesis of a Library of Molecule-Based Magnets: The Charge-Transfer Salt Approach. Journal of Solid State Chemistry, 2001, 159, 420-427.	1.4	17
45	Bis(1,2,3-trimethylindenyl)iron(III) 2,3-Dicyanonaphtho-1,4-quinonide, a Non-Metalloocene, Charge-Transfer Salt Metamagnet with Complementary Donor/Acceptor Geometries. Inorganic Chemistry, 2005, 44, 172-174.	1.9	15
46	Iron(II) octaethyltetraazaporphyrin, FeOETAP, a canted ferromagnet with T _c = 5.6 K. Advanced Materials, 1994, 6, 836-838.	11.1	13
47	Synthesis, Characterization, and Structure of (1/4-Sulfido)bis[(octaethylporphyrinato)ruthenium(III)], [Ru(OEP)] ₂ S. Inorganic Chemistry, 1997, 36, 2904-2907.	1.9	12
48	Synthesis and Characterization of Di- and Trivalent Pyrazolylborate 1/2-Diketonates and Cyanometalates. Inorganic Chemistry, 2011, 50, 5153-5164.	1.9	12
49	Halogen Oxidation Reactions of (C ₅ Ph ₅)Cr(CO) ₃ and Lewis Base Addition to [(C ₅ Ph ₅)Cr(1/4-X)X] ₂ : Electrochemical, Magnetic, and Raman Spectroscopic Characterization of [(C ₅ Ph ₅)CrX ₂] ₂ and (C ₅ Ph ₅)CrX ₂ (THF) (X = Cl, Br, I) and X-ray Crystal Structure of [(C ₅ Ph ₅)Cr(1/4-Cl)Cl] ₂ . Organometallics, 2001, 20, 734-740.	1.1	11
50	Two new acceptor building blocks for high T _c ™ coordination polymer magnets. Inorganica Chimica Acta, 2001, 326, 9-12.	1.2	11
51	TCNE Dimer Dianion Coordination Complexes, [Mn(TPA)(TCNE)] ₂ [1/4-(TCNE) ₂] and [Mn(TPA)(1/4-C ₄ (CN) ₈) _{0.5}]-ClO ₄ , TPA = tris(2-Pyridylmethyl)amine: Synthesis, Structure and Magnetic Properties. Inorganic Chemistry, 2007, 46, 9641-9645.	1.9	11
52	Synthesis of Substituted 1-Methyl-2-cyanopyrroles via Unprecedented Addition of N,N-Dimethylformamide to Electron-Deficient Alkenes in the Presence of Copper(I) Cyanide. Journal of Organic Chemistry, 2000, 65, 2222-2224.	1.7	10
53	The effect of pressure on the magnetic properties of the molecule-based canted metamagnet decamethylferrocenium 2,3-dicyano-1,4-naphthoquinonide, FeCp* ₂ [DCNQ]. Polyhedron, 2003, 22, 2249-2252.	1.0	10
54	Structure-property correlations in a family of decamethylmetalloccenium charge-transfer salt magnets using dialkyl dicyanofumarates as the one-electron acceptors: Ferromagnetism versus metamagnetism. Polyhedron, 2005, 24, 2133-2140.	1.0	10

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55	First Structurally Characterized Tricyanomanganate(III) and its Magnetic {Mn ^{III} }₂M^{II}₂ Complexes (M^{II}= Mn, Ni). Inorganic Chemistry, 2010, 49, 4753-4755.	1.9	10
56	Synthesis, structure and magnetic properties of a geminal 1/2-tetracyanoethylene radical anion bridged coordination polymer. Inorganica Chimica Acta, 2008, 361, 3593-3596.	1.2	9
57	Room temperature and near-room temperature coordination polymer magnets. Synthetic Metals, 2014, 188, 53-56.	2.1	9
58	Copper Metal from Malachite circa 4000 B.C.E.. Journal of Chemical Education, 2004, 81, 1777.	1.1	8
59	Electronic absorptions in the high Tc superconductor YBa2Cu3Ox. Journal of the American Chemical Society, 1988, 110, 1301-1302.	6.6	7
60	Beyond TCNE: new building blocks for molecule-based magnets. Synthetic Metals, 2001, 122, 471-475.	2.1	7
61	Synthesis, structure and magnetic characterization of decamethylmetallocenium ethyl tricyanoethylenecarboxylate charge-transfer salts. Inorganica Chimica Acta, 2009, 362, 2423-2428.	1.2	7
62	A charge-transfer salt magnet based on a non-cyanocarbon acceptor, 1,4,9,10-anthracenetetrone and decamethylferrocene. Polyhedron, 2001, 20, 1757-1759.	1.0	6
63	Ac Susceptibility Studies of New and Familiar Magnetic Molecular Solids. Materials Research Society Symposia Proceedings, 1997, 488, 471.	0.1	4
64	An Internal Hyperfine Field of 62.4 T in Ferromagnetically Ordered 1/2-Iron(II) Octaethyl-Tetraazaporphyrin. Molecular Crystals and Liquid Crystals, 1999, 335, 23-31.	0.3	4
65	Metallocene-Based Magnets. , 2005, , 223-260.		4
66	Determination of the symmetry of the pair function in YBa2Cu3O7. Journal of Superconductivity and Novel Magnetism, 1990, 3, 197-199.	0.5	3
67	Thermal and oxidative behavior of a tetraphenylsilane-containing phthalonitrile polymer. High Performance Polymers, 2019, 31, 935-947.	0.8	3
68	Synthesis and characterization of a family of molecule-based magnets containing methyl-substituted phenyltricyanoethylene acceptors. Journal of Magnetism and Magnetic Materials, 2020, 497, 165953.	1.0	3
69	Through the Looking Glass and What Alice Ate There. Journal of Chemical Education, 2002, 79, 569.	1.1	2
70	A New Family of High Tc Molecule-Based Magnetic Networks: V[x-ClnPTCE]2-yCH2Cl2 (PTCE =) Tj ETQq0 0 0 rgBT, /Overlock, 10 Tf 50 1	1.0	2
71	1,1â€²-Diethyl-2,2â€²,3,3â€²,4,4â€²,5,5â€²-octamethylferrocenium tetracyanoethylene, [Fe(C5EtMe4)2]+[TCNE]â€², a charge-transfer salt magnetic solid with a novel structural motif. Inorganica Chimica Acta, 2006, 359, 4651-4654.	1.2	1
72	A More Dramatic Container to Crush by Atmospheric Pressure. Journal of Chemical Education, 1999, 76, 933.	1.1	0

#	ARTICLE	IF	CITATIONS
73	New Donors and Acceptors for Molecule-Based Magnetism Research. ACS Symposium Series, 1999, , 69-83.	0.5	0
74	Magnetically Recoverable Chiral Catalysts Immobilized on Magnetite Nanoparticles for Asymmetric Hydrogenation of Aromatic Ketones.. ChemInform, 2006, 37, no.	0.1	0