

Gordon T Yee

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of a family of molecule-based magnets containing methyl-substituted phenyltricyanoethylene acceptors. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 497, 165953.	1.0	3
2	A New Family of High Tc Molecule-Based Magnetic Networks: V _x Cl _n PTCE] ₂ ·yCH ₂ Cl ₂ (PTCE =) Tj ETQq0 0 0 rgBT ₁ /Overlock ₂ 10 Tf 50 7	1.0	2
3	Thermal and oxidative behavior of a tetraphenylsilane-containing phthalonitrile polymer. <i>High Performance Polymers</i> , 2019, 31, 935-947.	0.8	3
4	Room temperature and near-room temperature coordination polymer magnets. <i>Synthetic Metals</i> , 2014, 188, 53-56.	2.1	9
5	Gd ₃ N@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
6	Antiferromagnetic coupling across a tetrametallic unit through noncovalent interactions. <i>Chemical Science</i> , 2012, 3, 602-609.	3.7	38
7	Synthesis and Characterization of Di- and Trivalent Pyrazolylborate ²⁻ Diketonates and Cyanometalates. <i>Inorganic Chemistry</i> , 2011, 50, 5153-5164.	1.9	12
8	Solid-State Spin Crossover of Ni(II) in a Bioinspired N ₃ S ₂ Ligand Field. <i>Journal of the American Chemical Society</i> , 2011, 133, 5644-5647.	6.6	38
9	First Structurally Characterized Tricyanomanganate(III) and its Magnetic {Mn ^{III} ₂ M ^{II} ₂ } Complexes (M ^{II} = Mn, Ni). <i>Inorganic Chemistry</i> , 2010, 49, 4753-4755.	1.9	10
10	A cyano-based octanuclear {Fe ^{III} 4Ni ^{II} 4} single-molecule magnet. <i>Chemical Communications</i> , 2010, 46, 4953.	2.2	45
11	Synthesis, structure and magnetic characterization of decamethylmetallocenium ethyl tricyanoethylenecarboxylate charge-transfer salts. <i>Inorganica Chimica Acta</i> , 2009, 362, 2423-2428.	1.2	7
12	Scorpionate-supported models of nickel-dependent superoxide dismutase. <i>Inorganica Chimica Acta</i> , 2009, 362, 4563-4569.	1.2	23
13	Synthesis, structure and magnetic properties of a geminal ^{1/2} -tetracyanoethylene radical anion bridged coordination polymer. <i>Inorganica Chimica Acta</i> , 2008, 361, 3593-3596.	1.2	9
14	Size-Dependent Magnetism of EuS Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 3368-3376.	3.2	60
15	Preparation and Structural Characterization of the <i>I_h</i> and the <i>D_{5h}</i> Isomers of the Endohedral Fullerenes Tm ₃ N@C ₈₀ : 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
16	Tunable Spin-Crossover Behavior in Polymethylated Bis(indenyl)chromium(II) Complexes: The Significance of Benzo-Ring Substitution. <i>Organometallics</i> , 2008, 27, 5464-5473.	1.1	26
17	Room-Temperature and Near-Room-Temperature Molecule-Based Magnets. <i>Inorganic Chemistry</i> , 2008, 47, 5649-5655.	1.9	24
18	TCNE Dimer Dianion Coordination Complexes, [Mn(TPA)(TCNE)] ₂ [^{1/2} -(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. <i>Inorganic Chemistry</i> , 2007, 46, 9641-9645.	1.9	11

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19	Amphiphilic and Magnetic Properties of a New Class of Cluster-Bearing $[L_2Cu_4(\mu_4O)(\mu_2O)_2\mu_4\text{carboxylato}]_n$ Soft Materials. <i>Chemistry - A European Journal</i> , 2007, 13, 9948-9956.	1.7	25
20	Structural Distortion and Magnetic Behavior in Cyanide-Bridged $Fe_{12}Ni_{12}$ Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1341-1346.	1.0	49
21	A room temperature ferrimagnet, vanadium[pentafluorophenyltricyanoethylene] ₂ . <i>Polyhedron</i> , 2007, 26, 2037-2041.	1.0	18
22	Synthesis and characterization of one- and two-dimensional octacyanometalate(V) networks: $\{[trans-MII(DMF)_4][cis-MII(DMF)_4]_2[MV(CN)_8]_2\}_n$ (MII=Mn, Fe, Ni; MV=Mo, W). <i>Polyhedron</i> , 2007, 26, 2353-2366.	1.0	28
23	Design of Molecular Scaffolds Based on Unusual Geometries for Magnetic Modulation of Spin-Diverse Complexes with Selective Redox Response. <i>Inorganic Chemistry</i> , 2007, 46, 72-78.	1.9	28
24	AnS= 6 Cyanide-Bridged Octanuclear $Fe_{14}Ni_{14}$ Complex that Exhibits Slow Relaxation of the Magnetization. <i>Journal of the American Chemical Society</i> , 2006, 128, 4214-4215.	6.6	208
25	AnS= 2 Cyanide-Bridged Trinuclear $Fe_{12}Ni_{12}$ Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2006, 45, 5251-5253.	1.9	104
26	High-Spin and Spin-Crossover Behavior in Monomethylated Bis(indenyl)chromium(II) Complexes. <i>Organometallics</i> , 2006, 25, 4945-4952.	1.1	22
27	Early Metal Di- and Tricyanometalates: A Useful Building Blocks for Constructing Magnetic Clusters. <i>Inorganic Chemistry</i> , 2006, 45, 2773-2775.	1.9	38
28	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
29	Coordination Complexes with cis-TCNE Radical Anion Ligands. Models of $M[TCNE]_2$ Magnets. <i>Inorganic Chemistry</i> , 2006, 45, 1406-1408.	1.9	22
30	1,1'-Diethyl-2,2',3,3',4,4',5,5'-octamethylferrocenium tetracyanoethylene, $[Fe(C_5EtMe_4)_2]^+ [TCNE]^-$, a charge-transfer salt magnetic solid with a novel structural motif. <i>Inorganica Chimica Acta</i> , 2006, 359, 4651-4654.	1.2	1
31	A Two-Dimensional Octacyanomolybdate(V)-Based Ferrimagnet: $\{[MnII(DMF)_4]_3[MoV(CN)_8]_2\}_n$. <i>Inorganic Chemistry</i> , 2006, 45, 4307-4309.	1.9	67
32	Magnetically Recoverable Chiral Catalysts Immobilized on Magnetite Nanoparticles for Asymmetric Hydrogenation of Aromatic Ketones.. <i>ChemInform</i> , 2006, 37, no.	0.1	0
33	Metallocene-Based Magnets. , 2005, , 223-260.		4
34	Structure-property correlations in a family of decamethylmetallocenium charge-transfer salt magnets using dialkyl dicyanofumarates as the one-electron acceptors: Ferromagnetism versus metamagnetism. <i>Polyhedron</i> , 2005, 24, 2133-2140.	1.0	10
35	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
36	Single-Molecule Magnets Constructed from Cyanometalates: $\{[Tp^*FeIII(CN)_3MII(DMF)_4]_2[OTf]_2\} \cdot 2DMF$ (MII= Co, Ni). <i>Inorganic Chemistry</i> , 2005, 44, 4903-4905.	1.9	182

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37	Square Planar vs Tetrahedral Geometry in Four Coordinate Iron(II) Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 3103-3111.	1.9	119
38	Bis(1,2,3-trimethylindenyl)iron(III) 2,3-Dicyanonaphtho-1,4-quinonide, a Non-Metallocene, Charge-Transfer Salt Metamagnet with Complementary Donor/Acceptor Geometries. <i>Inorganic Chemistry</i> , 2005, 44, 172-174.	1.9	15
39	A Family of Decamethylmetallocene Charge-Transfer Salt Magnets Using Methyl Tricyanoethylenecarboxylate (MTCE) as the Electron Acceptor. <i>Journal of the American Chemical Society</i> , 2004, 126, 16890-16895.	6.6	27
40	Copper Metal from Malachite circa 4000 B.C.E.. <i>Journal of Chemical Education</i> , 2004, 81, 1777.	1.1	8
41	The effect of pressure on the magnetic properties of the molecule-based canted metamagnet decamethylferrocenium 2,3-dicyano-1,4-naphthoquinonide, $[\text{FeCp}^*_2][\text{DCNQ}]$. <i>Polyhedron</i> , 2003, 22, 2249-2252.	1.0	10
42	Through the Looking Glass and What Alice Ate There. <i>Journal of Chemical Education</i> , 2002, 79, 569.	1.1	2
43	Spin-State Alteration from Sterically Enforced Ligand Rotation in Bis(indenyl)chromium(II) Complexes. <i>Journal of the American Chemical Society</i> , 2002, 124, 9556-9566.	6.6	35
44	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
45	Beyond TCNE: new building blocks for molecule-based magnets. <i>Synthetic Metals</i> , 2001, 122, 471-475.	2.1	7
46	Halogen Oxidation Reactions of $(\text{C}_5\text{Ph}_5)\text{Cr}(\text{CO})_3$ and Lewis Base Addition to $[(\text{C}_5\text{Ph}_5)\text{Cr}(\frac{1}{4}\text{X})\text{X}]_2$: Electrochemical, Magnetic, and Raman Spectroscopic Characterization of $[(\text{C}_5\text{Ph}_5)\text{CrX}_2]_2$ and $(\text{C}_5\text{Ph}_5)\text{CrX}_2(\text{THF})$ (X = Cl, Br, I) and X-ray Crystal Structure of $[(\text{C}_5\text{Ph}_5)\text{Cr}(\frac{1}{4}\text{Cl})\text{Cl}]_2$. <i>Organometallics</i> , 2001, 20, 734-740.	1.1	11
47	A charge-transfer salt magnet based on a non-cyanocarbon acceptor, 1,4,9,10-anthracenetetrone and decamethylferrocene. <i>Polyhedron</i> , 2001, 20, 1757-1759.	1.0	6
48	Design and Synthesis of a Library of Molecule-Based Magnets: The Charge-Transfer Salt Approach. <i>Journal of Solid State Chemistry</i> , 2001, 159, 420-427.	1.4	17
49	Two new acceptor building blocks for high T_c coordination polymer magnets. <i>Inorganica Chimica Acta</i> , 2001, 326, 9-12.	1.2	11
50	Synthesis, Structure, and Magnetic Properties of the Charge-Transfer Salt Ferromagnet Decamethylchromocenium Dimethyl Dicyanofumarate, $T_{\text{Curie}} = 5.7$ K. <i>Inorganic Chemistry</i> , 2000, 39, 865-868.	1.9	17
51	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. <i>Journal of Organic Chemistry</i> , 2000, 65, 2222-2224.	1.7	10
52	Vanadium [dicyanoperfluorostilbene] $_2$ ·THF: a molecule-based magnet with T_c ca. 205 K. <i>Chemical Communications</i> , 2000, , 49-50.	2.2	31
53	Synthesis, Structure, and Magnetic Characterization of a Hysteretic Charge-Transfer Salt Metamagnet, Decamethylferrocenium 2,3-Dicyano-1,4-Naphthoquinonide, $[\text{Fe}(\text{Cp}^*)_2][\text{DCNQ}]$. <i>Inorganic Chemistry</i> , 2000, 39, 1874-1877.	1.9	23
54	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

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55	Synthesis and structure of di- μ_4 -bromo-bis[(1,5-dimethyl-6-oxo-3-(2-pyridyl)verdazyl)copper(I)]. Dalton Transactions RSC, 2000, , 2019-2022.	2.3	29
56	An Internal Hyperfine Field of 62.4 T in Ferromagnetically Ordered μ_2 -Iron(II) Octaethyl-Tetraazaporphyrin. Molecular Crystals and Liquid Crystals, 1999, 335, 23-31.	0.3	4
57	A More Dramatic Container to Crush by Atmospheric Pressure. Journal of Chemical Education, 1999, 76, 933.	1.1	0
58	Dialkylidicyanofumarate Diesters: Tunable Building Blocks for Molecule-Based Ferromagnets. Journal of the American Chemical Society, 1999, 121, 6862-6866.	6.6	32
59	Steric Stabilization of a High-Spin Chromium(II) Indenyl Complex, [1,3-(C ₃ H ₇) ₂ C ₉ H ₅] ₂ Cr. Organometallics, 1999, 18, 3561-3562.	1.1	25
60	New Donors and Acceptors for Molecule-Based Magnetism Research. ACS Symposium Series, 1999, , 69-83.	0.5	0
61	New Magnetically Coupled Bimetallic Complexes as Potential Building Blocks for Magnetic Materials. Chemistry - A European Journal, 1998, 4, 2173-2181.	1.7	22
62	Canted Ferromagnetism and Other Magnetic Phenomena in Square-Planar, Neutral Manganese(II) and Iron(II) Octaethyltetraazaporphyrins. Journal of the American Chemical Society, 1998, 120, 4662-4670.	6.6	51
63	Steric Influence on the Structure, Magnetic Properties, and Reactivity of Hexa- and Octaisopropylmanganocene. Organometallics, 1998, 17, 5521-5527.	1.1	34
64	Ac Susceptibility Studies of New and Familiar Magnetic Molecular Solids. Materials Research Society Symposia Proceedings, 1997, 488, 471.	0.1	4
65	Synthesis, Characterization, and Structure of (μ_4 -Sulfido)bis[(octaethylporphyrinato)ruthenium(III)], [Ru(OEP)] ₂ S. Inorganic Chemistry, 1997, 36, 2904-2907.	1.9	12
66	Ligand Design for Securing Ferromagnetic Exchange Coupling in Multimetallic Complexes. Chemistry - A European Journal, 1995, 1, 528-537.	1.7	22
67	Iron(II) octaethyltetraazaporphyrin, FeOETAP, a canted ferromagnet with $T_c = 5.6$ K. Advanced Materials, 1994, 6, 836-838.	11.1	13
68	Structural and Spectroscopic Studies of μ_2 -Hematin (the Heme Coordination Polymer in Malaria) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 2	0.5	32
69	Novel co-operative magnetic properties of decamethylmanganocenium 2,3-dichloro-5,6-dicyanobenzoquinoneide, $[\text{Mn}(\text{C}_5\text{Me}_5)_2]^{2+}[\text{DDQ}]^{2-}$. Journal of Materials Chemistry, 1991, 1, 479-480.	6.7	27
70	Decamethylmanganocenium tetracyanoethenide, $[\text{Mn}(\text{C}_5\text{Me}_5)_2]^{2+}[\text{TCNE}]^{2-}$ a molecular ferromagnet with an 8.8 K T_c . Advanced Materials, 1991, 3, 309-311.	11.1	135
71	Determination of the symmetry of the pair function in YBa ₂ Cu ₃ O ₇ . Journal of Superconductivity and Novel Magnetism, 1990, 3, 197-199.	0.5	3
72	Experimental evidence for singlet s-wave pairing in YBa ₂ Cu ₃ O ₇ . Physica C: Superconductivity and Its Applications, 1989, 161, 195-197.	0.6	20

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73	Electronic absorptions in the high T _c superconductor YBa ₂ Cu ₃ O _x . Journal of the American Chemical Society, 1988, 110, 1301-1302.	6.6	7
74	Synthetic, electrochemical, optical, and conductivity studies of coordination polymers of iron, ruthenium, and osmium octaethylporphyrin. Journal of the American Chemical Society, 1987, 109, 4606-4614.	6.6	148