

Paul T Wood

List of Publications by Year in descending order

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78
papers

3,194
citations

136950

32
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161849

54
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82
all docs

82
docs citations

82
times ranked

2628
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple Areas of Magnetic Bistability in the Topological Ferrimagnet [Co ₃ (NC ₅ H ₃ (CO ₂) _{2-2,5}) ₂ ($\frac{1}{4}$ -OH) ₂ (OH) ₂]. <i>Journal of the American Chemical Society</i> , 2004, 126, 13236-13237.	13.7	201
2	Porous Cobalt(II)-Organic Frameworks with Corrugated Walls: Structurally Robust Gas-Sorption Materials. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 272-275.	13.8	194
3	Hydrothermal Synthesis, Structure, and Magnetism of [Co ₂ (OH){1,2,3-(O ₂ C) ₃ C ₆ H ₃ }(H ₂ O)] _n ·xH ₂ O and [Co ₂ (OH){1,2,3-(O ₂ C) ₃ C ₆ H ₃ }] _n : Magnetic ^{1D} -Chains with Mixed Cobalt Geometries. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1920-1923.	13.8	186
4	Solvothermal Synthesis of the Canted Antiferromagnet {K ₂ [CoO ₃ PCH ₂ N(CH ₂ CO ₂) ₂]} ₆ ·xH ₂ O. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1088-1090.	13.8	140
5	Hydrothermal Synthesis of Microporous Transition Metal Squarates: Preparation and Structure of [Co ₃ ($\frac{1}{4}$ -OH) ₂ (C ₄ O ₄) ₂] _n ·3H ₂ O. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 991-992.	4.4	105
6	Engineering coordination architecture by hydrothermal synthesis; preparation, X-ray crystal structure and magnetic behaviour of the coordination solid [Mn ₃ {C ₆ H ₃ (CO ₂) _{3-1,3,5} } ₂]. <i>Chemical Communications</i> , 1996, , 823.	4.1	103
7	Hydrothermal synthesis and magnetic properties of novel Mn(ii) and Zn(ii) materials with thiolato-carboxylate donor ligand frameworks. <i>Dalton Transactions</i> , 2004, , 1670-1678.	3.3	100
8	Synthesis of New Low-Dimensional Quaternary Compounds, KCu ₂ As ₃ and KCu ₄ As ₄ , in Supercritical Amine Solvent. <i>Alkali Metal Derivatives of Sulfosalts. Inorganic Chemistry</i> , 1994, 33, 1733-1734.	4.0	86
9	Layered metal organosulfides: hydrothermal synthesis, structure and magnetic behaviour of the spin-canted magnet Co(1,2-(O ₂ C)(S)C ₆ H ₄). <i>Chemical Communications</i> , 2002, , 1050-1051.	4.1	81
10	Synthesis and Characterization of Novel One-Dimensional Phases from Supercritical Ammonia: Cs ₃ Ag ₂ Sb ₃ S ₈ , Cs ₂ Ag ₂ Sb ₄ S ₄ , and Cs ₂ Ag ₂ Sb ₄ S ₄ . <i>Chemistry of Materials</i> , 1996, 8, 721-726.	6.7	79
11	Supercritical Ammonia Synthesis and Characterization of Four New Alkali Metal Silver Antimony Sulfides: MAg ₂ Sb ₄ S ₄ and M ₂ AgSb ₄ S ₄ (M = K, Rb). <i>Journal of Solid State Chemistry</i> , 1996, 123, 277-284.	2.9	73
12	Hydrothermal synthesis, structure, stability and magnetism of Na ₂ Co ₂ (C ₂ O ₄) ₃ (H ₂ O) ₂ : a new metal oxalate ladder. <i>Dalton Transactions RSC</i> , 2000, , 3566-3569.	2.3	64
13	Synthesis of novel solid-state compounds in supercritical solvents: preparation and structure of K ₂ Ag ₁₂ Se ₇ in supercritical ethylenediamine. <i>Journal of the American Chemical Society</i> , 1992, 114, 9233-9235.	13.7	63
14	Conformationally stressed phthalocyanines: the non-planarity of the 1,4,8,11,15,18,22,25-octaisopentyl derivative. <i>Chemical Communications</i> , 2000, , 2133-2134.	4.1	63
15	Hydrothermal crystal engineering using hard and soft acids and bases: synthesis and X-ray crystal structures of the metal hydroxide-based phases M ₃ M' ₂ (OH) ₂ [NC ₅ H ₃ (CO ₂) _{2-2,4}] ₄ (H ₂ O) ₄ (M = Co, Ni, Zn; M' = Cu, Ag, Au). <i>Journal of the American Chemical Society</i> , 2004, 126, 10684-10691.	13.7	63
16	Organo-phosphorus-selenium heterocycles. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 741-743.	2.0	56
17	Formation of Ti ₂ Ln Cages, the Highest Nuclearity Polyoxotitanates (Ln=La, Ce). <i>Chemistry - A European Journal</i> , 2012, 18, 11867-11870.	3.3	56
18	Synthesis of New Channeled Structures in Supercritical Amines: Preparation and Structure of RbAg ₅ S ₃ and CsAg ₇ S ₄ . <i>Inorganic Chemistry</i> , 1994, 33, 1556-1558.	4.0	52

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19	The Chemistry of Iron Carbonyl Sulfide and Selenide Anions. <i>Inorganic Chemistry</i> , 1995, 34, 4392-4401.	4.0	51
20	The preparation and characterization of binary phosphorus-selenium rings. <i>Heteroatom Chemistry</i> , 1990, 1, 351-355.	0.7	50
21	Isolated Magnetic Clusters of Co(II) and Ni(II) within 3-Dimensional Organic Frameworks of 6-Mercaptopyridine: Unique Structural Topologies Based on Selectivity for Hard and Soft Coordination Environments. <i>Inorganic Chemistry</i> , 2005, 44, 5981-5983.	4.0	50
22	New type of metal squarates. Magnetic and multi-temperature X-ray study of di-hydroxy(1/4-squarato)manganese. <i>Chemical Communications</i> , 1999, , 1561-1562.	4.1	48
23	A new Co(ii) coordination solid with mixed oxygen, carboxylate, pyridine and thiolate donors exhibiting canted antiferromagnetism with $T_C \sim 68$ K. <i>Chemical Communications</i> , 2006, , 1607.	4.1	46
24	Compounds with the "Maple Leaf" Lattice: Synthesis, Structure, and Magnetism of $M_x[Fe(O_2CCH_2)_2NCH_2PO_3]_6 \cdot nH_2O$. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 803-806.	13.8	43
25	Synthesis and Structures of Organometallic Aqua Complexes of Ruthenium(II). <i>Organometallics</i> , 1999, 18, 4068-4074.	2.3	42
26	Solvothermal Construction of a Coordination Polymer around in Situ Generated Pyroglutamic Acid: Preparation, Crystal Structure, and Magnetic Behavior of $[Mn(C_5H_6NO_3)_2] \cdot nH_2O$. <i>Inorganic Chemistry</i> , 2000, 39, 3705-3707.	4.0	40
27	Mixed Alkali Metal/Transition Metal Coordination Polymers with the Mellitic Acid Hexaanion: 2-Dimensional Hexagonal Magnetic Nets. <i>Inorganic Chemistry</i> , 2010, 49, 3441-3448.	4.0	39
28	Large metal clusters and lattices with analogues to biology. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 1999, 357, 3099-3118.	3.4	38
29	Syntheses, structures and magnetic properties of Mn(ii) dimers $[CpMn(1/4-X)]_2$ (Cp = C ₅ H ₅ ; X = RNH, R ₁ R ₂ N,) <i>Inorganic Chemistry</i> , 2002, 41, 7843-7851.	3.3	37
30	Hydrothermal crystallisation and X-ray structure of anhydrous strontium oxalate. <i>Polyhedron</i> , 1999, 18, 2499-2503.	2.2	33
31	Syntheses and magnetic properties of hexanuclear $[Cp_2Mn_3(L_1)_4]_2$ and octanuclear $[Mn_8(L_2)_{12}(1/4-O)_2]$ (L ₁ = 2-HNC ₅ H ₅ N, L ₂ = 2-NH-3-Br-5-MeC ₅ H ₃ N, Cp = C ₅ H ₅). <i>Chemical Communications</i> , 2002, , 2980-2981.	4.1	33
32	A study of the optical properties of metal-doped polyoxotitanium cages and the relationship to metal-doped titania. <i>Dalton Transactions</i> , 2014, 43, 8679.	3.3	33
33	Inorganic synthesis in supercritical amines: synthesis of tetrakis(ethylenediamine)octasulfidotetrathionate sulfide containing an isolated sulfide ion. <i>Inorganic Chemistry</i> , 1993, 32, 129-130.	4.0	31
34	Synthesis and Structure of an $[Sb_{12}Se_{20}]_4$ - Salt: The Largest Molecular Zintl Ion. <i>Inorganic Chemistry</i> , 1994, 33, 1587-1588.	4.0	31
35	Phosphorus-selenium heterocycles. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 1190-1191.	2.0	30
36	Biomimetic control of iron oxide and hydroxide phases in the iron oxalate system. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4061-4068.	1.1	30

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37	A new series of layered transition metal oxalates: hydrothermal synthesis, structural and magnetic studies. Dalton Transactions, 2003, , 2478.	3.3	30
38	A Simple Approach to Coordination Compounds of the Pentacyanocyclopentadienide Anion. Chemistry - A European Journal, 2010, 16, 13723-13728.	3.3	30
39	Assembly of the First Fullerene-Type Metal-Organic Frameworks Using a Planar Five-Fold Coordination Node. Angewandte Chemie - International Edition, 2011, 50, 8279-8282.	13.8	30
40	Water-soluble hydroxyalkylated phosphines: examples of their differing behaviour toward ruthenium and rhodium. Dalton Transactions, 2004, , 4202.	3.3	29
41	Structural and Magnetic Studies of the Tris(cyclopentadienyl)manganese(II) "Paddle-Wheel" Anions $[\text{Cp}_3\text{Mn}(\text{MeCp})_n\text{Mn}]^{\sim}$ ($n=0-3$, $\text{MeCp}=\text{C}_5\text{H}_4\text{CH}_3$, $\text{Cp}=\text{C}_5\text{H}_5$). Chemistry - A European Journal, 2006, 12, 3053-3060.	3.3	29
42	Bimetallic Metal-Organic Frameworks Containing the $[\text{M}_2(\text{pdc})_2]_n$ ($\text{M} = \text{Cu}, \text{Pd}$). Tj ETQq0 0 0 rgBT /Overlock 10 Anorganische Und Allgemeine Chemie, 2007, 633, 2342-2353.	1.2	29
43	Homoleptic 1-D iron selenolate complexes synthesis, structure, magnetic and thermal behaviour of $[\text{Fe}(\text{SeR})_2]$ ($\text{R} = \text{Ph}, \text{Mes}$). Dalton Transactions, 2011, 40, 7022.	3.3	29
44	Oxidative addition reaction between lawesson's reagent and $\text{Pt}(\text{C}_2\text{H}_4)(\text{PPh}_3)_2$: The preparation and		

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55	Solvent Direction of Molecular Architectures in Group 1 Metal Pentacyanocyclopentadienides. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1161-1169.	2.0	18
56	Switchable Magnetism: Neutron Diffraction Studies of the Desolvated Coordination Polymer $\text{Co}_3(\text{OH})_2(\text{C}_4\text{O}_4)_2$. <i>Inorganic Chemistry</i> , 2013, 52, 13462-13468.	4.0	18
57	The preparation of $\text{M}(\text{PR}_3)_2(\text{S}_2(\text{S})\text{PC}_6\text{H}_4\text{OMe})$ (M=Ni, Pd, Pt) from Lawessons reagent. <i>Transition Metal Chemistry</i> , 1987, 12, 403-405.	1.4	16
58	Synthesis, Structure and Magnetic Behaviour of Manganese(II) Selenolate Complexes $[\text{Mn}(\text{SePh})_2]$, $[\text{Mn}(\text{SePh})_2(\text{bipy})_2]$ and $[\text{Mn}(\text{SePh})_2(\text{phen})_2]$ (bipy = bipyridyl, phen = phenanthroline). <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4794-4799.	2.0	15
59	Polymeric and bimetallic complexes of diisopropyl monothiophosphate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 2369.	1.1	13
60	Hydrothermalsynthese mikroporöser Übergangsmetallquadratate: Herstellung und Struktur von $[\text{Co}_3(\frac{1}{4}\text{OH})_2(\text{C}_4\text{O}_4)_2] \cdot 3\text{H}_2\text{O}$. <i>Angewandte Chemie</i> , 1997, 109, 1028-1029.	2.0	13
61	Synthesis, structure and physical properties of the manganese(ii) selenide/selenolate cluster complexes $[\text{Mn}_{32}\text{Se}_{14}(\text{SePh})_{36}(\text{PnPr}_3)_4]$ and $[\text{Na}(\text{benzene-15-crown-5})(\text{C}_4\text{H}_8\text{O})_2]_2[\text{Mn}_8\text{Se}(\text{SePh})_{16}]$. <i>Chemical Communications</i> , 2008, , 1596.	4.1	13
62	New Phosphorus-Selenium Heterocycles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1989, 41, 51-56.	1.6	12
63	Solid-state phosphorus-31 nuclear magnetic resonance spectroscopy of phosphorus sulphides. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 809.	1.1	12
64	Static and dynamic properties of $\text{Mn}_2(\text{OH})_2(\text{C}_4\text{O}_4)$. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 435-437.	2.7	12
65	2,2'-Disulfanyldibenzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o1364-o1366.	0.2	9
66	Synthesis and Structure of Pentamethylcyclopentadienyl Tungsten(V) Complexes Containing Functionalized 6,12-Epiiminodibenzo[b,f][1.5]diazocine Ligands. <i>Organometallics</i> , 2007, 26, 6501-6504.	2.3	8
67	Pyridine-2,4-Dicarboxylate: A Versatile Building Block for the Preparation of Functional Coordination Polymers. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 34-48.	0.9	8
68	Formation of an Unusual Bis(diguanidinate) Ligand via Nucleophilic Attack of a Guanidinate onto a Carbodiimide. <i>Australian Journal of Chemistry</i> , 2014, 67, 1030.	0.9	8
69	Muon spin relaxation study of manganese hydroxy squarate. <i>Inorganica Chimica Acta</i> , 2008, 361, 3718-3722.	2.4	7
70	Possible strong symmetric hydrogen bonding in disodium trihydrogen bis(2,2'-oxydiacetate) nitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m1174-m1177.	0.2	4
71	Reactions of Cp_2M (M = Ni, V) with dilithium diamido-aryl reagents; retention and oxidation of the transition metal ions. <i>Dalton Transactions</i> , 2013, 42, 13923.	3.3	4
72	Novel semiconducting iron-quinizarin metal-organic framework for application in supercapacitors. <i>Molecular Physics</i> , 2019, 117, 3424-3433.	1.7	4

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73	Non-classical behaviour in an $S = 5/2$ chain with next nearest neighbour interactions observed from the inelastic neutron scattering of $Mn_2(OD)_2(C_4O_4)_2$. Journal of Physics Condensed Matter, 2009, 21, 076003.	1.8	2
74	Dynamics of the frustrated spin in the low dimensional magnet $Co_3(OH)_2(C_4O_4)_2$. Journal of Physics Condensed Matter, 2016, 28, 126005.	1.8	2
75	An unusual coordination polymer containing Cu ⁺ ions and featuring possible Cu...Cu 'cuprophilic' interactions: poly[di- μ_4 -chlorido-(μ_4 -3,5-diaminobenzoato- μ_4 -O:O ²⁻ :N:N ²⁺)tricopper(I)(3Cu ⁺ Cu)]. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 63-67.	0.5	2
76	Magnetic Properties of the Distorted Kagomé Lattice $Mn_3(1,2,4-(O_2C)_3C_6H_3)_2$. Inorganic Chemistry, 2017, 56, 7851-7860.	4.0	2
77	Muonium addition to sulfur-nitrogen chains. Magnetic Resonance in Chemistry, 2000, 38, S65-S66.	1.9	0
78	Hydrothermal synthesis and crystal structure of poly[bis(μ_3 -3,4-diaminobenzoato)manganese], a layered coordination polymer. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 909-913.	0.5	0