

Pierluigi Barbaro

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5888370/pierluigi-barbaro-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

103
papers

3,601
citations

37
h-index

55
g-index

110
ext. papers

3,847
ext. citations

6.8
avg, IF

5.4
L-index

#	Paper	IF	Citations
103	Valorisation of plastic waste via metal-catalysed depolymerisation. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 589-621	2.5	6
102	Liquid-phase synthesis of methyl isobutyl ketone over bifunctional heterogeneous catalysts comprising cross-linked perfluorinated sulfonic acid Aquivion polymers and supported Pd nanoparticles. <i>Applied Catalysis A: General</i> , 2021 , 610, 117957	5.1	5
101	Sustainable Catalytic Synthesis for a Bio-Based Alternative to the Reach-Restricted N-Methyl-2-Pyrrolidone. <i>Advanced Sustainable Systems</i> , 2020 , 4, 1900117	5.9	5
100	Biomass-derived chemical substitutes for bisphenol A: recent advancements in catalytic synthesis. <i>Chemical Society Reviews</i> , 2020 , 49, 6329-6363	58.5	30
99	Continuous-Flow Oxidation of HMF to FDCA by Resin-Supported Platinum Catalysts in Neat Water. <i>ChemSusChem</i> , 2019 , 12, 2558-2563	8.3	33
98	Sustainable processes for the catalytic synthesis of safer chemical substitutes of N-methyl-2-pyrrolidone. <i>Molecular Catalysis</i> , 2019 , 466, 60-69	3.3	15
97	Hydrodynamic cavitation as an energy efficient process to increase biochar surface area and porosity: A case study. <i>Journal of Cleaner Production</i> , 2019 , 210, 159-169	10.3	23
96	Continuous flow catalytic partial hydrogenation of hydrocarbons and alcohols over hybrid Pd/ZrO ₂ /PVA wall reactors. <i>Applied Catalysis A: General</i> , 2018 , 558, 34-43	5.1	6
95	Low-Temperature Continuous-Flow Dehydration of Xylose Over Water-Tolerant Niobia-Titania Heterogeneous Catalysts. <i>ChemSusChem</i> , 2018 , 11, 3649-3660	8.3	17
94	Unconventional Pd@Sulfonated Silica Monoliths Catalysts for Selective Partial Hydrogenation Reactions under Continuous Flow. <i>ChemCatChem</i> , 2017 , 9, 3245-3258	5.2	18
93	Selective, aerobic oxidation reaction of alcohols by hybrid Pd/ZrO ₂ /PVA catalytic membranes. <i>Applied Catalysis A: General</i> , 2017 , 530, 217-225	5.1	7
92	Continuous-flow processes for the catalytic partial hydrogenation reaction of alkynes. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 734-754	2.5	37
91	Metal Nanoparticles Supported on Perfluorinated Superacid Polymers: A Family of Bifunctional Catalysts for the Selective, One-Pot Conversion of Vegetable Substrates in Water. <i>ChemCatChem</i> , 2017 , 9, 4256-4267	5.2	16
90	PdNP@Titanate Nanotubes as Effective Catalyst for Continuous-Flow Partial Hydrogenation Reactions. <i>ChemCatChem</i> , 2016 , 8, 1001-1011	5.2	15
89	Selective direct conversion of C5 and C6 sugars to high added-value chemicals by a bifunctional, single catalytic body. <i>Green Chemistry</i> , 2016 , 18, 2935-2940	10	35
88	Chiral Rh phosphine-phosphite catalysts immobilized on ionic resins for the enantioselective hydrogenation of olefins in water. <i>Green Chemistry</i> , 2015 , 17, 3826-3836	10	19
87	Metal nanoparticles immobilized on ion-exchange resins: A versatile and effective catalyst platform for sustainable chemistry. <i>Chinese Journal of Catalysis</i> , 2015 , 36, 1157-1169	11.3	31

86	A mild route to solid-supported rhodium nanoparticle catalysts and their application to the selective hydrogenation reaction of substituted arenes. <i>Catalysis Science and Technology</i> , 2015 , 5, 3762-3772	5.5	14
85	Environmentally Friendly Synthesis of Valerolactone by Direct Catalytic Conversion of Renewable Sources. <i>ACS Catalysis</i> , 2015 , 5, 1882-1894	13.1	147
84	Green semi-hydrogenation of alkynes by Pd@borate monolith catalysts under continuous flow. <i>Journal of Catalysis</i> , 2014 , 311, 212-220	7.3	46
83	Progress in Understanding of the Interactions between Functionalized Polyolefins and Organo-Layered Double Hydroxides. <i>Macromolecular Reaction Engineering</i> , 2014 , 8, 122-133	1.5	5
82	Energy efficient continuous production of Valerolactone by bifunctional metal/acid catalysis in one pot. <i>Green Chemistry</i> , 2014 , 16, 3434	10	52
81	Continuous flow synthesis of Rh and Pd nanoparticles onto ion-exchange borate monoliths: application to selective catalytic hydrogenation of unsaturated carbonyl compounds under flow conditions. <i>Catalysis Science and Technology</i> , 2014 , 4, 3835-3839	5.5	11
80	NanoSelect Precious Metal Catalysts and their Use in Asymmetric Heterogeneous Catalysis. <i>ChemCatChem</i> , 2014 , 6, 2904-2909	5.2	15
79	Continuous flow hydrogenation reactions by Pd catalysts onto hybrid ZrO ₂ /PVA materials. <i>Applied Catalysis A: General</i> , 2014 , 488, 58-65	5.1	11
78	Selective hydrogenation over Pd nanoparticles supported on a pore-flow-through silica monolith microreactor with hierarchical porosity. <i>Dalton Transactions</i> , 2013 , 42, 1378-84	4.3	42
77	Partial hydrogenation reactions over Pd-containing hybrid inorganic/polymeric catalytic membranes. <i>Applied Catalysis A: General</i> , 2013 , 459, 81-88	5.1	13
76	Strong Cation Exchange with Innocence: Synthesis and Characterization of Borate Containing Resins and Macroporous Monoliths. <i>Macromolecules</i> , 2013 , 46, 5423-5433	5.5	8
75	In situ generation of resin-supported Pd nanoparticles under mild catalytic conditions: a green route to highly efficient, reusable hydrogenation catalysts. <i>Catalysis Science and Technology</i> , 2012 , 2, 2279	5.5	43
74	Continuous Partial Hydrogenation Reactions by Bimodal Porous Titania Monolith Catalysts. <i>ACS Catalysis</i> , 2012 , 2, 2194-2198	13.1	51
73	Facile heterogeneous catalytic hydrogenations of CN and CO bonds in neat water: anchoring of water-soluble metal complexes onto ion-exchange resins. <i>Green Chemistry</i> , 2012 , 14, 3211	10	40
72	Green production of polymer-supported PdNPs: application to the environmentally benign catalyzed synthesis of cis-3-hexen-1-ol under flow conditions. <i>Dalton Transactions</i> , 2012 , 41, 12666-9	4.3	26
71	Heterogeneous Bifunctional Metal/Acid Catalysts for Selective Chemical Processes. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3807-3823	2.3	57
70	Iodine Activation of Coordinated White Phosphorus: Formation and Transformation of 1,3-Dihydride-2-iodidecyclotetraphosphane. <i>Angewandte Chemie</i> , 2012 , 124, 8756-8759	3.6	15
69	Iodine activation of coordinated white phosphorus: formation and transformation of 1,3-dihydride-2-iodidecyclotetraphosphane. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8628-31	16.4	29

68	Enantioselective hydrogenation of prochiral substrates in catalytic membrane reactors. <i>Catalysis Science and Technology</i> , 2011 , 1, 226	5.5	4
67	Emerging strategies in sustainable fine-chemical synthesis: asymmetric catalysis by metal nanoparticles. <i>Dalton Transactions</i> , 2010 , 39, 8391-402	4.3	37
66	Getting a clue to the hydrolytic activation of white phosphorus: the generation and stabilization of P(OH)2P(H)P(H)OH at ruthenium centers. <i>Inorganic Chemistry</i> , 2009 , 48, 1091-6	5.1	22
65	Ion exchange resins: catalyst recovery and recycle. <i>Chemical Reviews</i> , 2009 , 109, 515-29	68.1	257
64	Benzene Hydrogenation by Silica-Supported Catalysts Made of Palladium Nanoparticles and Electrostatically Immobilized Rhodium Single Sites. <i>Organometallics</i> , 2008 , 27, 2809-2824	3.8	20
63	Collective headgroup conformational transition in twisted micellar superstructures. <i>Soft Matter</i> , 2008 , 4, 1102-1113	3.6	13
62	NMR studies on the novel heterobimetallic complexes [M(dppm)(Ph(2)PCH(2)PPh(2)PPPP){Pt(PPh3)2}]OTf (M = Rh, Ir) derived from the stepwise activation of white phosphorus. <i>Magnetic Resonance in Chemistry</i> , 2008 , 46 Suppl 1, S120-5	2.1	3
61	Dynamic Behaviour of the [(Triphos)Rh(η ¹ -P4RR _n)] ⁿ⁺ Complexes [Triphos = MeC(CH ₂ PPh ₂) ₃ ; R = H, Alkyl, Aryl; R _n = Lone Pair, H, Me; n = 0, 1]: NMR and Computational Studies. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1392-1399	2.3	11
60	Heterobimetallic cooperation mediates the transformation of white phosphorus into zwitterionic catena-phosphonium(+)diphosphenide(-) ligands. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3766-8	16.4	24
59	Controlling the activation of white phosphorus: formation of phosphorous acid and ruthenium-coordinated 1-hydroxytriphosphane by hydrolysis of doubly metalated P ₄ . <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4425-7	16.4	42
58	Heterobimetallic Cooperation Mediates the Transformation of White Phosphorus into Zwitterionic catena-Phosphonium(+)diphosphenide(−) Ligands. <i>Angewandte Chemie</i> , 2008 , 120, 3826-3828	3.6	9
57	Controlling the Activation of White Phosphorus: Formation of Phosphorous Acid and Ruthenium-Coordinated 1-Hydroxytriphosphane by Hydrolysis of Doubly Metalated P ₄ . <i>Angewandte Chemie</i> , 2008 , 120, 4497-4499	3.6	16
56	Synthesis of New Polydentate Nitrogen Ligands and Their Use in Ethylene Polymerization in Conjunction with Iron(II) and Cobalt(II) Bis-halides and Methylaluminoxane. <i>Organometallics</i> , 2007 , 26, 4639-4651	3.8	65
55	Hydrolysis of dinuclear ruthenium complexes [{CpRu(PPh ₃) ₂] ₂ (μ ₂ ,η ¹ (1:1)-L)][CF ₃ SO ₃] ₂ (L=P ₄ , P ₄ S ₃): simple access to metal complexes of P ₂ H ₄ and PH ₂ SH. <i>Chemistry - A European Journal</i> , 2007 , 13, 6682-90	4.8	58
54	Recycling asymmetric hydrogenation catalysts by their immobilization onto ion-exchange resins. <i>Chemistry - A European Journal</i> , 2006 , 12, 5666-75	4.8	40
53	A snapshot of P ₄ tetrahedron opening: Rh- and Ir-mediated activation of white phosphorus. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4182-5	16.4	41
52	A Snapshot of P ₄ Tetrahedron Opening: Rh- and Ir-Mediated Activation of White Phosphorus. <i>Angewandte Chemie</i> , 2006 , 118, 4288-4291	3.6	17
51	Hydrogenation of arenes over silica-supported catalysts that combine a grafted rhodium complex and palladium nanoparticles: evidence for substrate activation on Rh(single-site)-Pd(metal) moieties. <i>Journal of the American Chemical Society</i> , 2006 , 128, 7065-76	16.4	62

50	Synthesis, characterization, protonation studies and X-ray crystal structure of $\text{ReH}_5(\text{PPh}_3)_2(\text{PTA})$ (PTA=1,3,5-triaza-7-phosphaadamantane). <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 629-637	2.3	19
49	Asymmetric Alkylation or Amination of Allylic Esters 2005 , 35-57		
48	Adducts of Cyclotriphosphorus Complexes with Cyclopentadienyl Ruthenium Fragments: Synthesis, Solid-State Structure and Solution Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1360-1368	2.3	10
47	Large-Scale Synthesis of Chiral Ferrocenyl Imino-Phosphines. <i>Synthesis</i> , 2005 , 2005, 2445-2448	2.9	5
46	Synthetic Approaches to New Diastereomerically Pure Ferrocenyl Triphosphines Combining Phosphorus, Planar, and Carbon Chirality. <i>Synthesis</i> , 2004 , 2004, 345-352	2.9	3
45	Progress in stereoselective catalysis by metal complexes with chiral ferrocenyl phosphines. <i>Coordination Chemistry Reviews</i> , 2004 , 248, 2131-2150	23.2	202
44	Recycling asymmetric hydrogenation catalysts by their immobilisation onto ion-exchange resins. <i>Dalton Transactions</i> , 2004 , 1783-4	4.3	24
43	Synthesis, characterisation and molecular structure of $\text{Re}(\text{III})$ 2-oxacyclocarbenes stabilised by a benzoyldiazenido ligand. <i>Dalton Transactions</i> , 2004 , 713-22	4.3	17
42	Ruthenium(II) Complexes with Triphosphane Ligands Combining Planar, Phosphorus, and Carbon Chirality: Application to Asymmetric Reduction of Trifluoroacetophenone. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 4166-4172	2.3	16
41	Complexes of Rhodium(I) and Iridium(I) with the Chiral Tridentate Phosphane PigiPhos: Structure and Reactivity Studies. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 601-609	2.3	8
40	Activation and functionalization of white phosphorus at rhodium: experimental and computational analysis of the $[(\text{triphos})\text{Rh}(\eta^1\text{-}\eta^2\text{-P}_4\text{RRR})\text{Y}]$ complexes (triphos= $\text{MeC}(\text{CH}_2\text{PPh}_2)_3$; R=H, Alkyl, Aryl; $\text{R}^2=2$ electrons, H, Me). <i>Chemistry - A European Journal</i> , 2003 , 9, 5196-210	4.8	60
39	Novel chiral ferrocenyl-imino phosphine ligands and their use in palladium catalyzed allylic alkylations. <i>Tetrahedron Letters</i> , 2003 , 44, 8279-8283	2	24
38	Nucleophilic addition of phosphines to rhenium allenylidenes. Unprecedented double $\text{P}=\text{C}$ bond activation to give an $\eta^3\text{-P-phospha-1-butadienyl}$ ligand. <i>Dalton Transactions</i> , 2003 , 4121-4131	4.3	26
37	Recent Aspects of Asymmetric Catalysis by Immobilized Chiral Metal Catalysts. <i>Topics in Catalysis</i> , 2002 , 19, 17-32	2.3	71
36	Hydrogenation of Indole by Phosphine-Modified Rhodium and Ruthenium Catalysts. <i>Organometallics</i> , 2002 , 21, 1430-1437	3.8	35
35	The first tridentate phosphine ligand combining planar, phosphorus and carbon chirality. <i>Chemical Communications</i> , 2002 , 2672-3	5.8	28
34	Hydrogenation of Quinoline by Rhodium Catalysts Modified with the Tripodal Polyphosphine Ligand $\text{MeC}(\text{CH}_2\text{PPh}_2)_3$. <i>Helvetica Chimica Acta</i> , 2001 , 84, 2895-2923	2	40
33	Immobilization of Optically Active Rhodium-Diphosphine Complexes on Porous Silica via Hydrogen Bonding. <i>Advanced Synthesis and Catalysis</i> , 2001 , 343, 41-45	5.6	47

32	Transition metal complexes with the C ₁ -symmetric diphosphines (R)-(R)-3-benzyl-2,4-bis(diphenylphosphino)pentane and (R)-(R)-3-benzyl(p-sulphonate)-2,4-bis(diphenylphosphino)pentane sodium salt. Applications to enantioselective catalysis in different phase systems. <i>Journal of Organometallic Chemistry</i> , 2001 ,	2.3	53
31	Beryllium(II) complexes of the K ⁺ tripod ligand cyclopentadienyltris(diethylphosphito-p)cobaltate(-). <i>Inorganic Chemistry</i> , 2001 , 40, 2725-9	5.1	8
30	Synthesis and characterization of the tetraazamacrocycle 4,10-dimethyl-1,4,7,10-tetraazacyclododecane-1,7-diacetic acid (H ₂ Me ₂ DO ₂ A) and of its neutral copper(II) complex [Cu(Me ₂ DO ₂ A)]. A new ⁶⁴ Cu-labeled macrocyclic complex for positron emission tomography imaging. <i>Dalton Transactions</i> , 2000 , 2393-2401		21
29	In Situ and Reactor Study of the Enantioselective Hydrogenation of Acetylacetone by Ruthenium Catalysis with the New Chiral Diphosphine Ligand (R)-(R)-3-Benzyl-2,4-bis(diphenylphosphino)pentane. <i>Organometallics</i> , 2000 , 19, 2450-2461	3.8	28
28	Synthesis and characterization of chiral bis-ferrocenyl triphosphine Ni(II) and Rh(III) complexes and their use as catalyst precursors for acetalization reactions. <i>Journal of Molecular Catalysis A</i> , 1999 , 145, 139-146		22
27	Copolymerization of carbon monoxide with ethene catalyzed by bis-chelated palladium(II) complexes containing diphosphine and dinitrogen ligands. <i>New Journal of Chemistry</i> , 1999 , 23, 929-938	3.6	40
26	Molecular Recognition through H-Bonding in Micelles Formed by Dioctylphosphatidyl Nucleosides. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 4916-4922	3.4	57
25	Styrene Cyclopropanation and Ethyl Diazoacetate Dimerization Catalyzed by Ruthenium Complexes Containing Chiral Tridentate Phosphine Ligands. <i>Organometallics</i> , 1999 , 18, 1961-1966	3.8	56
24	Rhodium-Mediated Functionalization of White Phosphorus: A Novel Formation of C-P Bonds. <i>Organometallics</i> , 1999 , 18, 4237-4240	3.8	28
23	Interaction of methylmercury(II) with the bifunctional ligand o-diphenylphosphinobenzoate, dpb. Synthesis and characterization of [(dpb)HgMe] and [(dpbo)HgMe], dpbo=o-diphenylphosphinobenzoate. <i>Journal of Organometallic Chemistry</i> , 1998 , 555, 255-262	2.3	10
22	Enantioselective Hydrogenation of 2-Methylquinoxaline to (1R,2S)-2-Methyl-1,2,3,4-tetrahydroquinoxaline by Iridium Catalysis. <i>Organometallics</i> , 1998 , 17, 3308-3310	3.8	134
21	Preparative, potentiometric and NMR studies of the interaction of beryllium(II) with oxalate and malonate. X-ray structure of K ₃ [Be ₃ (OH) ₃ (O ₂ CCH ₂ CO ₂) ₃] ₆ H ₂ O. <i>Inorganica Chimica Acta</i> , 1997 , 262, 187-194	2.7	39
20	Synthesis and Characterization of Ruthenium(II) Complexes Containing Chiral Bis(ferrocenyl)P ₃ or P ₂ S Ligands. Asymmetric Transfer Hydrogenation of Acetophenone. <i>Organometallics</i> , 1997 , 16, 3004-3014	3.8	57
19	Dioxomolybdenum(VI) Complexes with New Enantiomerically Pure Amino Diol Ligands. <i>Inorganic Chemistry</i> , 1996 , 35, 3362-3368	5.1	18
18	Chiral P,S-Ligands Based on D-Thioglucose Tetraacetate. Palladium(II) Complexes and Allylic Alkylation. <i>Organometallics</i> , 1996 , 15, 1879-1888	3.8	80
17	Synthesis, properties and characterization of the trinuclear clusters [Co ₃ (μ-SR) ₆ (PEt ₃) ₃]X (R = Me or Et, X = BPh ₄ or PF ₆). <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 4337-4344		2
16	New enantiomerically pure aminoalcohols from (R)-1-methylbenzylamine and cyclohexene oxide. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 843-850		13
15	Valence localization in [M(triphos)(3,5-di-tert-butyl-catecholate)] ⁺ ions (M = Co, Rh or Ir) probed by resonance Raman spectroscopy. <i>Inorganica Chimica Acta</i> , 1996 , 252, 157-166	2.7	14

14	A New Chiral Tridentate Ferrocenyl Ligand. Synthesis and Characterization of Its Palladium(II) and Nickel(II) Complexes. <i>Organometallics</i> , 1995 , 14, 3570-3573	3.8	58
13	1,3-Diphenylallyl Complexes of Palladium(II): NMR, x-ray, and Catalytic Studies. <i>Organometallics</i> , 1995 , 14, 5160-5170	3.8	77
12	Regio- and stereoselective dimerization of 1-alkynes catalyzed by an Os(II) complex. <i>Inorganica Chimica Acta</i> , 1994 , 220, 5-19	2.7	58
11	Chloro[o-(diphenylphosphino)benzaldehyde]{N-[o-(diphenylphosphino)benzylidene]ethylamine}(tetrachloro-o-catechol)iridium(III) complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994 , 50, 1414-1417		3
10	Dioxomolybdenum(VI) Complexes Stabilized by Polydentate Ligands with NO ₃ , N ₂ O ₂ , and NS ₂ Donor-Atom Sets. <i>Inorganic Chemistry</i> , 1994 , 33, 3180-3186	5.1	30
9	Dioxygen and Carbon Monoxide Uptake by Iridium(I) Complexes Stabilized by Mixed N,P-Donor Ligands. <i>Inorganic Chemistry</i> , 1994 , 33, 1622-1630	5.1	42
8	Metal Coordination and Hg-C Bond Protonolysis in Organomercury(II) Compounds. Synthesis, Characterization, and Reactivity of the Tetrahedral Complexes [(np ₃)HgR][(CF ₃)SO ₃] {np ₃ = N(CH ₂ CH ₂ PPh ₂) ₃ ; R = CH ₃ , C ₂ H ₅ , C ₆ H ₅ }. <i>Inorganic Chemistry</i> , 1994 , 33, 6163-6170	5.1	45
7	Thermal and photochemical carbon-hydrogen bond activation reactions at iridium. π -Coordination vs. C-H cleavage of ethene, styrene, and phenylacetylene. <i>Organometallics</i> , 1993 , 12, 2505-2514	3.8	36
6	Chemoselective oxidation of 3,5-di-tert-butylcatechol by molecular oxygen. Catalysis by an iridium(III) catecholate through its dioxygen adduct. <i>Inorganic Chemistry</i> , 1992 , 31, 1523-1529	5.1	51
5	Dioxygen uptake and transfer by Co(III), Rh(III) and Ir(III) catecholate complexes. <i>Inorganica Chimica Acta</i> , 1992 , 198-200, 31-56	2.7	48
4	Adduct of two 1,8-naphthyridine molecules (one protonated) with tetrachloroferrate (III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1992 , 48, 625-627		6
3	Assembling ethylene, alkyl, hydride, and carbon monoxide ligands at iridium. <i>Organometallics</i> , 1991 , 10, 2227-2238	3.8	33
2	Synthetic models for catechol 1,2-dioxygenases. Interception of a metal catecholate-dioxygen adduct. <i>Journal of the American Chemical Society</i> , 1991 , 113, 3181-3183	16.4	81
1	The tetranuclear trianion [Fe ₄ Te ₄ (SC ₆ H ₅) ₄] ³⁻ : crystal and molecular structure and magnetic properties. <i>Journal of the American Chemical Society</i> , 1990 , 112, 7238-7246	16.4	34