Santiago Alvarez

List of Publications by Year
in descending order

290	23,195	11651 70	8630 146
papers	citations	h-index	g-index

309	309	309	15610
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Supported Ïƒâ€Complexes of Liâ^'C Bonds from Coordination of Monomeric Molecules of LiCH 3 , LiCH 2 CH 3 and LiC 6 H 5 to Moâ‰£Mo Bonds. Angewandte Chemie, 2022, 134, .	2.0	0
2	Tetramethylammonium Cation: Directionality and Covalency in Its Interactions with Halide Ions. Inorganic Chemistry, 2022, 61, 9082-9095.	4.0	8
3	Coordination of Eâ€"C Bonds (E = Zn, Mg, Al) and the Znâ€"H Bonds of (C₅Me₅)ZnH and (C₅Me₅)ZnZnH across a Quadruply Bonded Dimolybdenum Dihydride Complex. Organometallics, 2022, 41, 3225-3236.	2.3	3
4	Delocalized Bonding in Li2X2 Rings: Probing the Limits of the Covalent and Ionic Bonding Models. Inorganic Chemistry, 2021, 60, 345-356.	4.0	2
5	Experimental and Computational Studies on Quadruply Bonded Dimolybdenum Complexes with Terminal and Bridging Hydride Ligands. Chemistry - A European Journal, 2021, 27, 6569-6578.	3.3	6
6	Coordination of LiH Molecules to Moâ‰£Mo Bonds: Experimental and Computational Studies on Mo₂LiH₂, Mo₂Li₂H₄, and Mo₆Li₉H₁₈ Clusters. Journal of the American Chemical Society, 2021, 143, 5222-5230.	13.7	7
7	Continuous Shape Measures Study of the Coordination Spheres of Actinide Complexes â€" Part 1: Low Coordination Numbers. European Journal of Inorganic Chemistry, 2021, 2021, 3632-3647.	2.0	5
8	From polygons to polyhedra through intermediate structures. A shape measures study of six-atom inorganic rings and clusters. Dalton Transactions, 2021, 50, 17101-17119.	3.3	8
9	Supported Ïƒâ€Complexes of Liâ^'C Bonds from Coordination of Monomeric Molecules of LiCH 3 , LiCH 2 CH 3 and LiC 6 H 5 to Moâ‰£Mo Bonds. Angewandte Chemie - International Edition, 2021, , e202116009.	13.8	8
10	Coordinating Ability of Anions, Solvents, Amino Acids, and Gases towards Alkaline and Alkalineâ€Earth Elements, Transition Metals, and Lanthanides. Chemistry - A European Journal, 2020, 26, 4350-4377.	3.3	67
11	Understanding the Interplay of Dispersion, Charge Transfer, and Electrostatics in Noncovalent Interactions: The Case of Bromineâ€"Carbonyl Short Contacts. Crystal Growth and Design, 2020, 20, 7180-7187.	3.0	16
12	The transition from 4f to 5d elements from the structural point of view. CrystEngComm, 2020, 22, 7229-7232.	2.6	4
13	Effect of the Substituents on the Nature and Strength of Lone-Pairâ€"Carbonyl Interactions in Acyl Halides. Crystal Growth and Design, 2019, 19, 6511-6518.	3.0	10
14	Das Periodensystem â€" eine universelle Ikone: seine Entstehung vor 150â€...Jahren und seine Verbreitung durch Literatur, Kunst und Musik. Angewandte Chemie, 2019, 131, 13328-13341.	2.0	2
15	The Periodicâ€Tableâ€"A Universal Icon: Its Birth 150â€...Years Ago, and Its Popularization Through Literature Art and Music. Angewandte Chemie - International Edition, 2019, 58, 13194-13206.	13.8	10
16	Marvellous molecular shapes. Comptes Rendus Chimie, 2019, 22, 437-444.	0.5	3
17	Taming a monomeric [Cu(Î·⁶-C₆H₆)]⁺ complex with silylene. Chemical Science, 2018, 9, 4333-4337.	7.4	19
18	Shapes of undecanuclear clusters and undecacoordinated metal complexes. Journal of Coordination Chemistry, 2018, 71, 590-600.	2.2	2

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19	Zero- and mono-coordinate transition metals in crystal structures: A box full of surprises. Inorganica Chimica Acta, 2018, 470, 74-81.	2.4	4
20	Dihydrogen intermolecular contacts in group 13 compounds: Hâ‹¯H or Eâ‹¯H (E = B, Al, Ga) interactions?. Dalton Transactions, 2017, 46, 2844-2854.	3.3	25
21	Mercurophilic interactions: a theoretical study on the importance of ligands. Physical Chemistry Chemical Physics, 2017, 19, 11645-11654.	2.8	31
22	Zincâ€“Zinc Double Bonds: A Theoretical Study. Angewandte Chemie - International Edition, 2017, 56, 10151-10155.	13.8	11
23	The gyrobifastigium, not an uncommon shape in chemistry. Coordination Chemistry Reviews, 2017, 350, 3-13.	18.8	7
24	Intermolecular interactions in group 14 hydrides: Beyond Cï£¿HÂ·Â·Â·Hï£¿C contacts. International Journal of Quantum Chemistry, 2017, 117, e25432.	2.0	32
25	Zincâ€“Zinc Double Bonds: A Theoretical Study. Angewandte Chemie, 2017, 129, 10285-10289.	2.0	5
26	An Unsaturated Fourâ€Coordinate Dimethyl Dimolybdenum Complex with a Molybdenumâ€“Molybdenum Quadruple Bond. Chemistry - A European Journal, 2017, 23, 194-205.	3.3	10
27	From Widely Accepted Concepts in Coordination Chemistry to Inverted Ligand Fields. Chemical Reviews, 2016, 116, 8173-8192.	47.7	155
28	Size and shape trump charge in interactions of oxovanadates with self-assembled interfaces: application of continuous shape measure analysis to the decavanadate anion. New Journal of Chemistry, 2016, 40, 962-975.	2.8	18
29	Comparison of the Crâ€“Cr Quadruple and Quintuple Bonding Mechanisms. Structure and Bonding, 2015, , 249-264.	1.0	0
30	Mapping the Ultrafast Changes of Continuous Shape Measures in Photoexcited Spin Crossover Complexes without Long-Range Order. Journal of Physical Chemistry C, 2015, 119, 3322-3330.	3.1	23
31	Reply to 'Entropic factors also contribute to the high melting points of polyhedral alkanes'. Nature Chemistry, 2015, 7, 89-90.	13.6	0
32	Unsymmetrical Chelation of N-Thioether-Functionalized Bis(diphenylphosphino)amine-Type Ligands and Substituent Effects on the Nuclearity of Iron(II) Complexes: Structures, Magnetism, and Bonding. Inorganic Chemistry, 2015, 54, 6547-6559.	4.0	14
33	Evaluating transition state structures of vanadiumâ€“phosphatase protein complexes using shape analysis. Journal of Inorganic Biochemistry, 2015, 147, 153-164.	3.5	33
34	Distortion Pathways of Transition Metal Coordination Polyhedra Induced by Chelating Topology. Chemical Reviews, 2015, 115, 13447-13483.	47.7	166
35	Crâ€“Cr Quintuple Bonds: Ligand Topology and Interplay Between Metalâ€“Metal and Metalâ€“Ligand Bonding. Inorganic Chemistry, 2015, 54, 10966-10977.	4.0	22
36	Design of a structural database for homoleptic transition metal complexes. Structural Chemistry, 2015, 26, 1715-1723.	2.0	3

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37	Experimental and Computational Studies of the Molybdenumâ€Flanking Arene Interaction in Quadruply Bonded Dimolybdenum Complexes with Terphenyl Ligands. Chemistry - A European Journal, 2015, 21, 410-421.	3.3	13
38	Spin state behavior of iron(II)/dipyrazolylpyridine complexes. New insights from crystallographic and solution measurements. Coordination Chemistry Reviews, 2015, 289-290, 2-12.	18.8	175
39	Stereochemistry of Complexes with Double and Triple Metalâ€“Ligand Bonds: A Continuous Shape Measures Analysis. Inorganic Chemistry, 2014, 53, 12151-12163.	4.0	17
40	Fluorocarbons Modulate the Coordination Sphere of fâ€Element Complexes. Angewandte Chemie - International Edition, 2014, 53, 2810-2811.	13.8	7
41	Experimental and Theoretical Studies on Areneâ€Bridged Metalâ€“Metalâ€Bonded Dimolybdenum Complexes. Chemistry - A European Journal, 2014, 20, 6092-6102.	3.3	33
42	Electronic and Structural Effects of Low-Hapticity Coordination of Arene Rings to Transition Metals. Organometallics, 2014, 33, 6660-6668.	2.3	36
43	van der Waals Radii of Noble Gases. Inorganic Chemistry, 2014, 53, 9260-9266.	4.0	46
44	Distortions of Ïâ€Coordinated Arenes with Anionic Character. Chemistry - A European Journal, 2014, 20, 14674-14689.	3.3	16
45	Pseudosymmetry analysis of molecular orbitals. Journal of Computational Chemistry, 2013, 34, 1321-1331.	3.3	7
46	Pseudo-symmetry Analysis of the d-block Molecular Orbitals in Four-Coordinate Complexes. Inorganic Chemistry, 2013, 52, 6510-6519.	4.0	8
47	Interconversion of Quadruply and Quintuply Bonded Molybdenum Complexes by Reductive Elimination and Oxidative Addition of Dihydrogen. Angewandte Chemie - International Edition, 2013, 52, 3227-3231.	13.8	49
48	Stereospinomers of pentacoordinate iron porphyrin complexes: the case of the [Fe(porphyrinato)(CN)]â^' anions. Dalton Transactions, 2013, 42, 7002.	3.3	12
49	Understanding the Nature of the CHÂ·Â·Â·HC Interactions in Alkanes. Journal of Chemical Theory and Computation, 2013, 9, 1977-1991.	5.3	112
50	A cartography of the van der Waals territories. Dalton Transactions, 2013, 42, 8617.	3.3	1,117
51	Volume Editorâ€™s Introduction. , 2013, , xxxvii-xlii.		0
52	Continuous symmetry measures of irreducible representations: application to molecular orbitals. Physical Chemistry Chemical Physics, 2012, 14, 11816.	2.8	10
53	The Structural Diversity Triggered by Intermolecular Interactions between Au^IS₂ Groups: Aurophilia and Beyond. Chemistry - A European Journal, 2012, 18, 9965-9976.	3.3	22
54	Theoretical Study of Exchange Coupling in 3d-Gd Complexes: Large Magnetocaloric Effect Systems. Journal of the American Chemical Society, 2012, 134, 10532-10542.	13.7	154

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55	Chemistry: A Panoply of Arrows. Angewandte Chemie - International Edition, 2012, 51, 590-600.	13.8	29
56	Coordinating ability of anions and solvents towards transition metals and lanthanides. Dalton Transactions, 2011, 40, 10742.	3.3	247
57	Dihydrogen contacts in alkanes are subtle but not faint. Nature Chemistry, 2011, 3, 323-330.	13.6	231
58	Concurrent Symmetries: The Interplay Between Local and Global Molecular Symmetries. Chemistry - A European Journal, 2011, 17, 359-367.	3.3	14
59	Symmetry measures of the electron density. Journal of Computational Chemistry, 2010, 31, 2389-2404.	3.3	19
60	Ligand Association/Dissociation Paths and Illâ€Defined Coordination Numbers. Chemistry - A European Journal, 2010, 16, 6567-6581.	3.3	25
61	The Trigonal Prism in Coordination Chemistry. Chemistry - A European Journal, 2010, 16, 10380-10396.	3.3	65
62	Antiferromagnetism or Delocalized Spin in a Cu₃S₂ Core?. Chemistry - A European Journal, 2010, 16, 2726-2728.	3.3	12
63	How icosahedral are icosahedral clusters?. Inorganica Chimica Acta, 2010, 363, 4392-4398.	2.4	8
64	Structural and electronic effects on the exchange interactions in dinuclear bis(phenoxo)-bridged copper(II) complexes. Coordination Chemistry Reviews, 2010, 254, 2086-2095.	18.8	148
65	New perspectives on polyhedral molecules and their crystal structures. Journal of Physical Organic Chemistry, 2010, 23, 1080-1087.	1.9	9
66	A novel bipyridine-based hexadentate tripodal framework with a strong preference for trigonal prismatic co-ordination geometries. Dalton Transactions, 2010, 39, 3870.	3.3	42
67	Xï£¿X Throughâ€Cage Bonding in Cu, Ni, and Cr Complexes with M₃X₂ Cores (X=S, As). Chemistry - A European Journal, 2009, 15, 536-546.	3.3	15
68	How to Build Molecules with Large Magnetic Anisotropy. Chemistry - A European Journal, 2009, 15, 4078-4087.	3.3	163
69	A Bonding Quandaryâ€”orâ€”A Demonstration of the Fact That Scientists Are Not Born With Logic. Chemistry - A European Journal, 2009, 15, 8358-8373.	3.3	77
70	Stereochemistry of Compounds with Coordination Number Ten. Chemistry - A European Journal, 2009, 15, 7470-7480.	3.3	101
71	Reactivity of a Superâ€Electronâ€Rich Olefin Derived from Cyclam. European Journal of Inorganic Chemistry, 2009, 2009, 1851-1860.	2.0	22
72	Oxidation states, atomic charges and orbital populations in transition metal complexes. Theoretical Chemistry Accounts, 2009, 123, 67-73.	1.4	76

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73	Substitution of chloride by nitrosyl ligand in a scorpionate ruthenium(III) compound: A theoretical study. Inorganica Chimica Acta, 2009, 362, 4651-4658.	2.4	2
74	Calibrating the coordination chemistry tool chest: metrics of bi- and tridentate ligands. Dalton Transactions, 2009, , 6610.	3.3	33
75	Jahnâ€“Teller distortions of six-coordinate CuII compounds: cis or trans?. Chemical Communications, 2009, , 4242.	4.1	28
76	A New Titanium Alkoxide-Thiolate Complex as a Versatile Heterofunctional Metalloligand. European Journal of Inorganic Chemistry, 2009, 2009, 1079-1085.	2.0	11
77	On books and chemical elements. Foundations of Chemistry, 2008, 10, 79-100.	1.1	22
78	Polyhedral Structures with an Odd Number of Vertices: Nineâ€Coordinate Metal Compounds. Chemistry - A European Journal, 2008, 14, 1291-1303.	3.3	294
79	Symmetry operation measures. Journal of Computational Chemistry, 2008, 29, 190-197.	3.3	55
80	Exchange interactions in a Fe5 complex: A theoretical study using density functional theory. Inorganica Chimica Acta, 2008, 361, 3832-3835.	2.4	7
81	Covalent radii revisited. Dalton Transactions, 2008, , 2832.	3.3	3,155
82	Polyhedral structures with an odd number of vertices: nine-atom clusters and supramolecular architectures. Dalton Transactions, 2008, , 2583.	3.3	64
83	Application of Symmetry Operation Measures in Structural Inorganic Chemistry. Inorganic Chemistry, 2008, 47, 10965-10970.	4.0	24
84	Music of the elements. New Journal of Chemistry, 2008, 32, 571.	2.8	12
85	Molecules and crystals with both icosahedral and cubic symmetry. Chemical Communications, 2008, , 2717.	4.1	43
86	Ligands that enforce unnatural stereospinomers. Dalton Transactions, 2008, , 2235.	3.3	0
87	Can large magnetic anisotropy and high spin really coexist?. Chemical Communications, 2008, , 52-54.	4.1	215
88	Stereochemistry and Spin State in Four-Coordinate Transition Metal Compounds. Inorganic Chemistry, 2008, 47, 2871-2889.	4.0	88
89	Electrochemical Behavior of Copper Complexes with Substituted Polypyridinic Ligands: An Experimental and Theoretical Study. Inorganic Chemistry, 2008, 47, 3687-3692.	4.0	16
90	Magnetic Structure of the Large-Spin Mn₁₀ and Mn₁₉ Complexes: A Theoretical Complement to an Experimental Milestone. Journal of the American Chemical Society, 2008, 130, 7420-7426.	13.7	93

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91	On the Existence of Molecular Palladium(VI) Compounds:Â Palladium Hexafluoride. Inorganic Chemistry, 2007, 46, 2700-2703.	4.0	17
92	Six-fold Oxygen-Coordinated Triplet (S= 1) Palladium(II) Moieties Templated by Tris(bipyridine)ruthenium(II) Ions. Journal of the American Chemical Society, 2007, 129, 1327-1334.	13.7	30
93	Theoretical Study of the Magnetic Properties of an Mn12 Single-Molecule Magnet with a Loop Structure:â€‰ The Role of the Next-Nearest Neighbor Interactions. Journal of Chemical Theory and Computation, 2007, 3, 782-788.	5.3	41
94	Strong Antiferromagnetic Coupling at Long Distance through a Ligand to Metal Charge Transfer Mechanism. Journal of Physical Chemistry C, 2007, 111, 618-621.	3.1	19
95	Chemistry of Unsaturated Group 6 Metal Complexes with Bridging Hydroxy- and Methoxycarbyne Ligands. 2. Synthesis, Structure, and Bonding of 32- and 34-Electron Complexes. Organometallics, 2007, 26, 5912-5921.	2.3	36
96	Quantitative Geometric Descriptions of the Belt Iron Atoms of the Ironâ^'Molybdenum Cofactor of Nitrogenase and Synthetic Iron(II) Model Complexes. Inorganic Chemistry, 2007, 46, 60-71.	4.0	44
97	Reply to Comment on â€œDistortions in Octahedrally Coordinated d0Transition Metal Oxides:Â A Continuous Symmetry Measures Approachâ€• Chemistry of Materials, 2007, 19, 1200-1200.	6.7	0
98	Chelating Dialkoxide Titanium Complex: A Versatile Building Block for the Construction of Heterometallic Derivatives. Chemistry - A European Journal, 2007, 13, 2831-2836.	3.3	7
99	Theoretical study of the exchange coupling interactions in a polyoxometalate Fe9W12 complex. Polyhedron, 2007, 26, 2161-2164.	2.2	5
100	Chemistry of Unsaturated Group 6 Metal Complexes with Bridging Hydroxy and Methoxycarbyne Ligands. 1. Synthesis, Structure, and Bonding of 30-Electron Complexes. Organometallics, 2007, 26, 4930-4941.	2.3	40
101	Density functional study of magnetostructural correlations in cubane complexes containing the Cu4O4core. Journal of Materials Chemistry, 2006, 16, 2729-2735.	6.7	107
102	Nesting of fullerenes and Frankâ€“Kasper polyhedra. Dalton Transactions, 2006, , 2045-2051.	3.3	16
103	Distortions in Octahedrally Coordinated d0Transition Metal Oxides:Â A Continuous Symmetry Measures Approach. Chemistry of Materials, 2006, 18, 3176-3183.	6.7	326
104	Effects of Tris(pyrazolyl)borato Ligand Substituents on Dioxygen Activation and Stabilization by Copper Compounds. Inorganic Chemistry, 2006, 45, 3594-3601.	4.0	19
105	Magnetostructural Correlations in Polynuclear Complexes:Â The Fe4Butterflies. Journal of the American Chemical Society, 2006, 128, 15722-15727.	13.7	93
106	Magnetic Communication through Functionalized Nanotubes: A Theoretical Study. Nano Letters, 2006, 6, 380-384.	9.1	15
107	Theoretical study of the exchange coupling in a Ni12 single-molecule magnet. Dalton Transactions, 2006, , 2643.	3.3	23
108	Shape and Symmetry Measures as Tools for the Solid State. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 2073-2073.	1.2	0

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109	Theoretical study of the electronic properties and exchange coupling in a Ni4 cubane like single-molecule magnet. Physica B: Condensed Matter, 2006, 384, 123-125.	2.7	10
110	Exchange coupling interactions in a Fe6 complex: A theoretical study using density functional theory. Physica B: Condensed Matter, 2006, 384, 116-119.	2.7	7
111	Bonding and solvation preferences of nickel complexes [Ni(S2PR2)2] (R=H, Me, OMe) according a natural bond orbital analysis. Computational and Theoretical Chemistry, 2006, 767, 37-41.	1.5	13
112	The nature of the AuI ... AuI Interactions between Cationic [AuL2]+ Complexes in the Solid State. Theoretical Chemistry Accounts, 2006, 116, 472-479.	1.4	12
113	A Family of Ferro- and Antiferromagnetically Coupled Decametallic Chromium(III) Wheels. Chemistry - A European Journal, 2006, 12, 1385-1396.	3.3	55
114	Shape and Spin State in Four-Coordinate Transition-Metal Complexes: The Case of the d6 Configuration. Chemistry - A European Journal, 2006, 12, 3162-3167.	3.3	153
115	How High the Spin? Allowed and Forbidden Spin States in Transition-Metal Chemistry. Angewandte Chemie - International Edition, 2006, 45, 3012-3020.	13.8	53
116	Polyhedral Interconversion Coupled with Proton Transfer between an Ammonium Cation and the [Co(CO)4]â^' Ion. Angewandte Chemie - International Edition, 2006, 45, 1457-1460.	13.8	19
117	â€œTo Bend or not To Bend?â€•Both! The Planar and Bent Structures of[(Ph3P)4Rh2(Î¼-F)2]. European Journal of Inorganic Chemistry, 2006, 2006, 3340-3345.	2.0	13
118	Reply to â€œComment on â€˜About the calculation of exchange coupling constants using density-functional theory: The role of the self-interaction errorâ€™â€•[J. Chem. Phys. 123, 164110 (2005)]. Journal of Chemical Physics, 2006, 124, 107102.	3.0	47
119	An Fe11 complex showing single-molecule magnet behavior: Theoretical study using density functional methods and Monte Carlo simulations. Polyhedron, 2005, 24, 2364-2367.	2.2	8
120	Shape maps and polyhedral interconversion paths in transition metal chemistry. Coordination Chemistry Reviews, 2005, 249, 1693-1708.	18.8	889
121	Spin density distribution in transition metal complexes. Coordination Chemistry Reviews, 2005, 249, 2649-2660.	18.8	163
122	Theoretical determination of the exchange coupling constants of a single-molecule magnet Fe10 complex. Chemical Physics Letters, 2005, 415, 6-9.	2.6	23
123	About the calculation of exchange coupling constants using density-functional theory: The role of the self-interaction error. Journal of Chemical Physics, 2005, 123, 164110.	3.0	318
124	Theoretical Study of the Magnetic Behavior of Ferric Wheels. ChemPhysChem, 2005, 6, 1094-1099.	2.1	18
125	Symmetry and Topology Determine the MoV-CN-MnIIExchange Interactions in High-Spin Molecules. Angewandte Chemie - International Edition, 2005, 44, 2711-2715.	13.8	69
126	Symmetry and Topology Determine the MoV-CN-MnIIExchange Interactions in High-Spin Molecules. Angewandte Chemie, 2005, 117, 2771-2775.	2.0	15

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127	The Rich Stereochemistry of Eight-Vertex Polyhedra: A Continuous Shape Measures Study. Chemistry - A European Journal, 2005, 11, 1479-1494.	3.3	729
128	Is It Possible To Get HighTCMagnets with Prussian Blue Analogues? A Theoretical Prospect. Chemistry - A European Journal, 2005, 11, 2135-2144.	3.3	129
129	Density Functional Study of Exchange Coupling Constants in Single-Molecule Magnets: The Fe8 Complex. Chemistry - A European Journal, 2005, 11, 4767-4771.	3.3	43
130	Continuous Chirality Measures in Transition Metal Chemistry. ChemInform, 2005, 36, no.	0.0	0
131	[Cu3(Î¼-S)2]3+Clusters Supported by N-Donor Ligands:Â Progress Toward a Synthetic Model of the Catalytic Site of Nitrous Oxide Reductase. Journal of the American Chemical Society, 2005, 127, 13752-13753.	13.7	79
132	Polyhedra in (inorganic) chemistry. Dalton Transactions, 2005, , 2209.	3.3	139
133	Exchange coupling in Âµ-aqua:Âµ-oxo vs. di-Âµ-hydroxo dinuclear Cu(ii) compounds: a density functional study. Dalton Transactions, 2005, , 2624.	3.3	18
134	A pyrimidine thiolate Rh(i) complex: structure, bonding and one-dimensional interactions in solid and in solution. Dalton Transactions, 2005, , 938-944.	3.3	5
135	Continuous Shape Measures as a Stereochemical Tool in Organometallic Chemistry. Organometallics, 2005, 24, 1556-1562.	2.3	125
136	Magnetism of Cyano-Bridged Ln3+â^'M3+Complexes. Part II:Â One-Dimensional Complexes (Ln3+= Eu, Tb, Dy,) Tj ETQq0 0 0 rgBT /Overl	4.0	86
137	Magnetic Properties of Cyano-Bridged Ln3+â^'M3+Complexes. Part I:Â Trinuclear Complexes (Ln3+= La, Ce,) Tj ETQq1 1 0.784314 rgB	4.0	93
138	Continuous chirality measures in transition metal chemistry. Chemical Society Reviews, 2005, 34, 313.	38.1	98
139	A Theoretical Study of the Exchange Coupling in Hydroxo- and Alkoxo-Bridged Dinuclear Oxovanadium(IV) Compounds. European Journal of Inorganic Chemistry, 2004, 2004, 143-153.	2.0	36
140	Formation of Sulfurâ^'Sulfur Bonds in Copper Complexes. European Journal of Inorganic Chemistry, 2004, 2004, 4430-4438.	2.0	12
141	Chalcogenâ€"Chalcogen Bonds in Edge-Sharing Square-Planar d8 Complexes. Are They Possible?. ChemInform, 2004, 35, no.	0.0	0
142	Mapping the Stereochemistry and Symmetry of Tetracoordinate Transition-Metal Complexes. Chemistry - A European Journal, 2004, 10, 190-207.	3.3	175
143	The Nature of Intermolecular Culâ‹…â‹…â‹…Cul Interactions: A Combined Theoretical and Structural Database Analysis. Chemistry - A European Journal, 2004, 10, 2117-2132.	3.3	139
144	Theoretical study of exchange coupling constants in an Fe19 complex. Journal of Physics and Chemistry of Solids, 2004, 65, 799-803.	4.0	41

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145	Minimal Distortion Pathways in Polyhedral Rearrangements. Journal of the American Chemical Society, 2004, 126, 1755-1763.	13.7	362
146	Chalcogenâ”Chalcogen Bonds in Edge-Sharing Square-Planar d8 Complexes. Are They Possible?. Inorganic Chemistry, 2004, 43, 3702-3714.	4.0	25
147	A New Class of (Î¼-Î·2:Î·2-Disulfido)dicopper Complexes:Â Synthesis, Characterization, and Disulfido Exchange. Inorganic Chemistry, 2004, 43, 3335-3337.	4.0	64
148	Choice of Coordination Number in d10Complexes of Group 11 Metals. Journal of the American Chemical Society, 2004, 126, 1465-1477.	13.7	198
149	Magneto-Structural Correlations in Trinuclear Cu(II) Complexes: A Density Functional Study. Monatshefte FÃ¼r Chemie, 2003, 134, 307-316.	1.8	25
150	About the calculation of exchange coupling constants in polynuclear transition metal complexes. Journal of Computational Chemistry, 2003, 24, 982-989.	3.3	472
151	Exchange Coupling in Metal Complexes of the Second Transition Series: A Theoretical Exploration. European Journal of Inorganic Chemistry, 2003, 2003, 1756-1760.	2.0	24
152	Room-Temperature Synthesis and Crystal, Magnetic, and Electronic Structure of the First Silver Copper Oxide.. ChemInform, 2003, 34, no.	0.0	1
153	Exchange Coupling in Metal Complexes of the Second Transition Series: A Theoretical Exploration. ChemInform, 2003, 34, no.	0.0	0
154	Theoretical Evidence of Persistent Chirality in D3 Homoleptic Hexacoordinate Complexes with Monodentate Ligands. Chemistry - A European Journal, 2003, 9, 1952-1957.	3.3	14
155	Quantitative Chirality Analysis of Molecular Subunits of Bis(oxazoline)copper(II) Complexes in Relation to Their Enantioselective Catalytic Activity. Chemistry - A European Journal, 2003, 9, 5832-5837.	3.3	38
156	Shape and Symmetry of Heptacoordinate Transition-Metal Complexes: Structural Trends. Chemistry - A European Journal, 2003, 9, 1281-1295.	3.3	225
157	Theoretical Study of the Magnetic Behavior of Hexanuclear Cu(II) and Ni(II) Polysiloxanolato Complexes. Journal of the American Chemical Society, 2003, 125, 6791-6794.	13.7	77
158	A Novel Hexanuclear Mixed Oxidation State CuII4CuI2 Cluster Complex Exhibiting Weak Ferromagnetic Exchange. Inorganic Chemistry, 2003, 42, 1107-1111.	4.0	18
159	Tailor-Made Strong Exchange Magnetic Coupling through Very Long Bridging Ligands:â€‰ Theoretical Predictions. Inorganic Chemistry, 2003, 42, 4881-4884.	4.0	28
160	Continuous chirality measures of tetracoordinate bis(chelate) metal complexes. Dalton Transactions, 2003, , 562-569.	3.3	20
161	Relationships between Temperature, Magnetic Moment, and Continuous Symmetry Measures in Spin Crossover Complexes. Journal of the American Chemical Society, 2003, 125, 6795-6802.	13.7	102
162	Magneto-Structural Correlations in Trinuclear Cu(II) Complexes: A Density Functional Study. , 2003, , 191-200.		0

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