Donatella Armentano

List of Publications by Year
in descending order

163 papers	6,098 citations	71004 43 h-index	111975 67 g-index
169 all docs	169 docs citations	169 times ranked	6568 citing authors

#	Article	IF	Citations
1	Mixed component metal-organic frameworks: Heterogeneity and complexity at the service of application performances. Coordination Chemistry Reviews, 2022, 451, 214273.	9.5	70
2	MOFâ€Stabilized Perfluorinated Palladium Cages Catalyze the Additiveâ€Free Aerobic Oxidation of Aliphatic Alcohols to Acids. Chemistry - A European Journal, 2022, 28, .	1.7	6
3	Epoxidation vs. dehydrogenation of allylic alcohols: Heterogenization of the VO(acac)2 catalyst in a metal-organic framework. Chemical Communications, 2022, , .	2.2	2
4	Multivariate Metalâ€“Organic Framework/Single-Walled Carbon Nanotube Buckypaper for Selective Lead Decontamination. ACS Applied Nano Materials, 2022, 5, 5223-5233.	2.4	20
5	Metalâ€Organic Frameworks as Unique Platforms to Gain Insight of Ïƒâ€Hole Interactions for the Removal of Organic Dyes from Aquatic Ecosystems. Chemistry - A European Journal, 2022, , .	1.7	4
6	Click amidations, esterifications and oneâ€“pot reactions catalyzed by Cu salts and multimetalâ€“organic frameworks (Mâ€“MOFs). Molecular Catalysis, 2022, 522, 112228.	1.0	0
7	Crystallographic Visualization of a Double Water Molecule Addition on a Pt 1 â€MOF during the Lowâ€temperature Waterâ€Gas Shift Reaction. ChemCatChem, 2021, 13, 1195-1200.	1.8	7
8	Bioinspired Metalâ€Organic Frameworks in Mixed Matrix Membranes for Efficient Static/Dynamic Removal of Mercury from Water. Advanced Functional Materials, 2021, 31, 2008499.	7.8	43
9	Synthesis of a rod-based porous coordination polymer from a nucleotide as a sequential chiral inductor. Journal of Coordination Chemistry, 2021, 74, 200-215.	0.8	1
10	Reverse osmosis and nanofiltration membranes for highly efficient PFASs removal: overview, challenges and future perspectives. Dalton Transactions, 2021, 50, 5398-5410.	1.6	57
11	Soluble/MOF-Supported Palladium Single Atoms Catalyze the Ligand-, Additive-, and Solvent-Free Aerobic Oxidation of Benzyl Alcohols to Benzoic Acids. Journal of the American Chemical Society, 2021, 143, 2581-2592.	6.6	74
12	Highly Efficient Removal of Neonicotinoid Insecticides by Thioether-Based (Multivariate) Metalâ€“Organic Frameworks. ACS Applied Materials & Interfaces, 2021, 13, 28424-28432.	4.0	29
13	A Nanoporous Supramolecular Metalâ€“Organic Framework Based on a Nucleotide: Interplay of the Ï€Â·Â·Â·Ï€ Interactions Directing Assembly and Geometric Matching of Aromatic Tails. Molecules, 2021, 26, 4594.	1.7	3
14	Photodegradation of Brilliant Green Dye by a Zinc bioMOF and Crystallographic Visualization of Resulting CO2. Molecules, 2021, 26, 4098.	1.7	5
15	Synthesis and Enhanced Capture Properties of a New BioMOF@SWCNTâ€BP: Recovery of the Endangered Rareâ€Earth Elements from Aqueous Systems. Advanced Materials Interfaces, 2021, 8, 2100730.	1.9	13
16	Synthesis and Enhanced Capture Properties of a New BioMOF@SWCNTâ€BP: Recovery of the Endangered Rareâ€Earth Elements from Aqueous Systems (Adv. Mater. Interfaces 16/2021). Advanced Materials Interfaces, 2021, 8, 2170089.	1.9	0
17	A Biocompatible Aspartic-Decorated Metalâ€“Organic Framework with Tubular Motif Degradable under Physiological Conditions. Inorganic Chemistry, 2021, 60, 14221-14229.	1.9	3
18	Hydrolaseâ€“like catalysis and structural resolution of natural products by a metalâ€“organic framework. Nature Communications, 2020, 11, 3080.	5.8	33

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19	Bio-metal-organic frameworks for molecular recognition and sorbent extractionÂof hydrophilic vitamins followed byÂtheir determination usingÂHPLC-UV. Mikrochimica Acta, 2020, 187, 201.	2.5	14
20	Singleâ€Ion Magnetic Behaviour in an Iron(III) Porphyrin Complex: A Dichotomy Between High Spin and 5/2â€“3/2 Spin Admixture. Chemistry - A European Journal, 2020, 26, 14242-14251.	1.7	9
21	Metalâ€“Organic Frameworks as Chemical Nanoreactors: Synthesis and Stabilization of Catalytically Active Metal Species in Confined Spaces. Accounts of Chemical Research, 2020, 53, 520-531.	7.6	81
22	Gas Transport in Mixed Matrix Membranes: Two Methods for Time Lag Determination. Computation, 2020, 8, 28.	1.0	14
23	Glassy PEEK-WC vs. Rubbery PebaxÂ®1657 Polymers: Effect on the Gas Transport in CuNi-MOF Based Mixed Matrix Membranes. Applied Sciences (Switzerland), 2020, 10, 1310.	1.3	12
24	Multivariate Metalâ€“Organic Frameworks for the Simultaneous Capture of Organic and Inorganic Contaminants from Water. Journal of the American Chemical Society, 2019, 141, 13601-13609.	6.6	120
25	Efficient Gas Separation and Transport Mechanism in Rare Hemilabile Metalâ€“Organic Framework. Chemistry of Materials, 2019, 31, 5856-5866.	3.2	18
26	Magnetic order in a CuIIâ€“DyIII oxamato-based two-dimensional coordination polymer. Comptes Rendus Chimie, 2019, 22, 466-475.	0.2	4
27	Metalâ€“Organic Frameworks as Playgrounds for Reticulate Single-Molecule Magnets. Inorganic Chemistry, 2019, 58, 14498-14506.	1.9	23
28	Synthesis of a chiral rod-like metalâ€“organic framework from a preformed amino acid-based hexanuclear wheel. Journal of Coordination Chemistry, 2019, 72, 1204-1221.	0.8	2
29	Deciphering the Electroluminescence Behavior of Silver(I)â€Complexes in Lightâ€Emitting Electrochemical Cells: Limitations and Solutions toward Highly Stable Devices. Advanced Functional Materials, 2019, 29, 1901797.	7.8	25
30	A Metalloligand Approach for the Self-Assembly of a Magnetic Two-Dimensional Grid-of-Grids. Crystal Growth and Design, 2019, 19, 3905-3912.	1.4	9
31	Influence of Xantphos Derivative Ligands on the Coordination in Their Copper(I) and Silver(I) Complexes. European Journal of Inorganic Chemistry, 2019, 2019, 2982-2989.	1.0	6
32	Self-Assembly of Catalytically Active Supramolecular Coordination Compounds within Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 10350-10360.	6.6	50
33	Direct Visualization of Pyrrole Reactivity upon Confinement within a Cyclodextrin Metalâ€“Organic Framework. Angewandte Chemie, 2019, 131, 9277-9281.	1.6	5
34	Photoluminescent Cu(<scp>i</scp>) vs. Ag(<scp>i</scp>) complexes: slowing down emission in Cu(<scp>i</scp>) complexes by pentacoordinate low-lying excited states. Dalton Transactions, 2019, 48, 9765-9775.	1.6	16
35	Direct Visualization of Pyrrole Reactivity upon Confinement within a Cyclodextrin Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2019, 58, 9179-9183.	7.2	16
36	Halide-Controlled Extendingâ€“Shrinking Motion of a Covalent Cage. Journal of Organic Chemistry, 2019, 84, 4221-4228.	1.7	18

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37	Coligand Effects on the Field-Induced Double Slow Magnetic Relaxation in Six-Coordinate Cobalt(II) Single-Ion Magnets (SIMs) with Positive Magnetic Anisotropy. Inorganic Chemistry, 2019, 58, 15726-15740.	1.9	35
38	Cu(II) complexes of cytosine and 1-methylcytosine with bromide: old motifs and new structures. Journal of Coordination Chemistry, 2018, 71, 615-632.	0.8	2
39	Crystallographic snapshots of hostâ€“guest interactions in drugs@metalâ€“organic frameworks: towards mimicking molecular recognition processes. Materials Horizons, 2018, 5, 683-690.	6.4	64
40	Synthesis of Densely Packaged, Ultrasmall Pt⁰₂ Clusters within a Thioetherâ€Functionalized MOF: Catalytic Activity in Industrial Reactions at Low Temperature. Angewandte Chemie, 2018, 130, 6294-6299.	1.6	22
41	Synthesis of Densely Packaged, Ultrasmall Pt⁰₂ Clusters within a Thioetherâ€Functionalized MOF: Catalytic Activity in Industrial Reactions at Low Temperature. Angewandte Chemie - International Edition, 2018, 57, 6186-6191.	7.2	115
42	Metalâ€“organic framework technologies for water remediation: towards a sustainable ecosystem. Journal of Materials Chemistry A, 2018, 6, 4912-4947.	5.2	369
43	Structural studies on Ba(II) adducts of the cytosine nucleobase and its derivative 1-Methylcytosine. Journal of Coordination Chemistry, 2018, 71, 828-844.	0.8	2
44	Efficient Capture of Organic Dyes and Crystallographic Snapshots by a Highly Crystalline Amino-Acid-Derived Metal-Organic Framework. Chemistry - A European Journal, 2018, 24, 17615-17615.	1.7	1
45	Confined Pt₁¹⁺ Water Clusters in a MOF Catalyze the Lowâ€Temperature Waterâ€“Gas Shift Reaction with both CO₂ Oxygen Atoms Coming from Water. Angewandte Chemie - International Edition, 2018, 57, 17094-17099.	7.2	54
46	Confined Pt₁¹⁺ Water Clusters in a MOF Catalyze the Lowâ€Temperature Waterâ€“Gas Shift Reaction with both CO₂ Oxygen Atoms Coming from Water. Angewandte Chemie, 2018, 130, 17340-17345.	1.6	4
47	Stabilized Ru[(H₂O)₆]³⁺ in Confined Spaces (MOFs and Zeolites) Catalyzes the Imination of Primary Alcohols under Atmospheric Conditions with Wide Scope. ACS Catalysis, 2018, 8, 10401-10406.	5.5	31
48	Toward Engineering Chiral Rodlike Metalâ€“Organic Frameworks with Rare Topologies. Inorganic Chemistry, 2018, 57, 12869-12875.	1.9	13
49	Lanthanide Discrimination with Hydroxyl-Decorated Flexible Metalâ€“Organic Frameworks. Inorganic Chemistry, 2018, 57, 13895-13900.	1.9	24
50	Highly efficient temperature-dependent chiral separation with a nucleotide-based coordination polymer. Chemical Communications, 2018, 54, 6356-6359.	2.2	19
51	Isolated Fe(III)â€“O Sites Catalyze the Hydrogenation of Acetylene in Ethylene Flows under Front-End Industrial Conditions. Journal of the American Chemical Society, 2018, 140, 8827-8832.	6.6	74
52	Efficient Capture of Organic Dyes and Crystallographic Snapshots by a Highly Crystalline Aminoâ€Acidâ€Derived Metalâ€“Organic Framework. Chemistry - A European Journal, 2018, 24, 17712-17718.	1.7	41
53	A post-synthetic approach triggers selective and reversible sulphur dioxide adsorption on a metalâ€“organic framework. Chemical Communications, 2018, 54, 9063-9066.	2.2	22
54	Structurally characterized dipalladium(<scp>ii</scp>)-oxamate metallacyclophanes as efficient catalysts for sustainable Heck and Suzuki reactions in ionic liquids. Inorganic Chemistry Frontiers, 2018, 5, 2148-2156.	3.0	10

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55	Halogenâ‹¯halogen interactions in the self-assembly of one-dimensional 2,2â€²-bipyrimidine-based Cu^{II}Re^{IV} systems. CrystEngComm, 2018, 20, 4575-4581.	1.3	8
56	Cytosine Nucleobase Ligand: A Suitable Choice for Modulating Magnetic Anisotropy in Tetrahedrally Coordinated Mononuclear Co^{II} Compounds. Inorganic Chemistry, 2017, 56, 1857-1864.	1.9	34
57	Ïƒ-Hammett parameter: a strategy to enhance both photo- and electro-luminescence features of heteroleptic copper(<scp>i</scp>) complexes. Dalton Transactions, 2017, 46, 6312-6323.	1.6	51
58	Tuning the selectivity of light hydrocarbons in natural gas in a family of isoreticular MOFs. Journal of Materials Chemistry A, 2017, 5, 11032-11039.	5.2	36
59	Rational Synthesis of Chiral Metalâ€“Organic Frameworks from Preformed Rodlike Secondary Building Units. Inorganic Chemistry, 2017, 56, 6551-6557.	1.9	27
60	The MOF-driven synthesis of supported palladium clusters with catalytic activity for carbene-mediated chemistry. Nature Materials, 2017, 16, 760-766.	13.3	230
61	Enhancement of Intermolecular Magnetic Exchange through HalogenÂ·Â·Â·Halogen Interactions in Bisadeninium Rhenium(IV) Salts. Crystal Growth and Design, 2017, 17, 5342-5348.	1.4	13
62	Fine-tuning of the confined space in microporous metalâ€“organic frameworks for efficient mercury removal. Journal of Materials Chemistry A, 2017, 5, 20120-20125.	5.2	56
63	Postsynthetic Approach for the Rational Design of Chiral Ferroelectric Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 8098-8101.	6.6	81
64	Solidâ€State Molecular Nanomagnet Inclusion into a Magnetic Metalâ€“Organic Framework: Interplay of the Magnetic Properties. Chemistry - A European Journal, 2016, 22, 539-545.	1.7	61
65	Solvent-Dependent Self-Assembly of an Oxalato-Based Three-Dimensional Magnet Exhibiting a Novel Architecture. Inorganic Chemistry, 2016, 55, 6845-6847.	1.9	13
66	Solid-State Molecular Nanomagnet Inclusion into a Magnetic Metal-Organic Framework: Interplay of the Magnetic Properties. Chemistry - A European Journal, 2016, 22, 441-441.	1.7	2
67	Structural Studies on a New Family of Chiral BioMOFs. Crystal Growth and Design, 2016, 16, 5571-5578.	1.4	21
68	Selective and Efficient Removal of Mercury from Aqueous Media with the Highly Flexible Arms of a BioMOF. Angewandte Chemie, 2016, 128, 11333-11338.	1.6	40
69	Selective and Efficient Removal of Mercury from Aqueous Media with the Highly Flexible Arms of a BioMOF. Angewandte Chemie - International Edition, 2016, 55, 11167-11172.	7.2	158
70	Selective Guest Inclusion in Oxalate-Based Iron(III) Magnetic Coordination Polymers. Inorganic Chemistry, 2016, 55, 11160-11169.	1.9	8
71	Selective Gold Recovery and Catalysis in a Highly Flexible Methionine-Decorated Metalâ€“Organic Framework. Journal of the American Chemical Society, 2016, 138, 7864-7867.	6.6	196
72	Insights into the Dynamics of Grotthuss Mechanism in a Proton-Conducting Chiral bioMOF. Chemistry of Materials, 2016, 28, 4608-4615.	3.2	105

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73	Synthesis, Crystal Structure and Magnetic Properties of Heteropolynuclear Re^{IV}M^{II} Complexes Based on the Robust [ReCl₅(pyzCOO)]^{2â€“} Unit (pyzCOO = 2â€pyrazinecarboxylate). European Journal of Inorganic Chemistry, 2016, 2016, 1835-1845.	1.0	6
74	Guest-dependent single-ion magnet behaviour in a cobalt(<scp>ii</scp>) metalâ€“organic framework. Chemical Science, 2016, 7, 2286-2293.	3.7	110
75	Cytosine and 1-methylcytosine Mg(II) complexes: Structural insights on the reactivity of magnesium(II) toward nucleic acid constituents. Inorganica Chimica Acta, 2016, 452, 229-237.	1.2	9
76	Structural insight into the reaction mechanism of Pd-catalyzed nitrile hydration: Trapping the [Pd(H2O)4]2+ cation through a supramolecular complex. Inorganica Chimica Acta, 2016, 443, 267-273.	1.2	8
77	Anion-Assisted Crystallization of a Novel Type of Rhenium(IV)-Based Salt. Crystal Growth and Design, 2016, 16, 1812-1816.	1.4	11
78	Intermolecular interactions in dictating the self-assembly of halogen derivatives of bis-(N-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	4
79	Fieldâ€Induced Slow Magnetic Relaxation in a Mononuclear Manganese(III)â€“Porphyrin Complex. Chemistry - A European Journal, 2015, 21, 17299-17307.	1.7	50
80	Towards a better understanding of honeycomb alternating magnetic networks. Dalton Transactions, 2015, 44, 11040-11051.	1.6	26
81	Metallosupramolecular approach toward multifunctional magnetic devices for molecular spintronics. Coordination Chemistry Reviews, 2015, 303, 110-138.	9.5	64
82	Homochiral self-assembly of biocoordination polymers: anion-triggered helicity and absolute configuration inversion. Chemical Science, 2015, 6, 4300-4305.	3.7	29
83	Heterotrimetallic Coordination Polymers: {Cu^{II}Ln^{III}Fe^{III}} Chains and {Ni^{II}Ln^{III}Fe^{III}} Layers: Synthesis, Crystal Structures, and Magnetic Properties. Chemistry - A European Journal, 2015, 21, 5429-5446.	1.7	71
84	Aquapentachlororhenate(<scp>iv</scp>): a singular and promising building block for metal assembly. RSC Advances, 2015, 5, 54936-54940.	1.7	4
85	A Chiral, Photoluminescent, and Spin-Canted {CuIReIV2}n Branched Chain. Inorganic Chemistry, 2015, 54, 4594-4596.	1.9	16
86	Bis(N-substituted oxamate)palladate(<scp>ii</scp>) complexes as effective catalysts for sustainable Heck carbonâ€“carbon coupling reactions in n-Bu₄NBr as the solvent. Inorganic Chemistry Frontiers, 2015, 2, 1029-1039.	3.0	21
87	Cation Exchange in Dynamic 3D Porous Magnets: Improvement of the Physical Properties. Inorganic Chemistry, 2015, 54, 10834-10840.	1.9	20
88	Dicopper(II) Anthraquinophanes as Multielectron Reservoirs for Oxidation and Reduction: A Joint Experimental and Theoretical Study. Chemistry - A European Journal, 2014, 20, 13965-13975.	1.7	15
89	Divergent Palladium Iodide Catalyzed Multicomponent Carbonylative Approaches to Functionalized Isoindolinone and Isobenzofuranimine Derivatives. Journal of Organic Chemistry, 2014, 79, 3506-3518.	1.7	94
90	Oxamato-based coordination polymers: recent advances in multifunctional magnetic materials. Chemical Communications, 2014, 50, 7569-7585.	2.2	103

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91	Bis(oxamato)palladate(II) complexes: synthesis, crystal structure and application to catalytic Suzuki reaction. Journal of Coordination Chemistry, 2014, 67, 4003-4015.	0.8	21
92	Ca²⁺ metal ion adducts with cytosine, cytidine and cytidine 5â€²-monophosphate: a comprehensive study of calcium reactivity towards building units of nucleic acids. CrystEngComm, 2014, 16, 8286-8296.	1.3	13
93	Solid-state cisâ€“trans isomerism in bis(oxamato)palladate(<scp>ii</scp>) complexes: synthesis, structural studies and catalytic activity. CrystEngComm, 2014, 16, 6971.	1.3	14
94	Sustainable carbonâ€“carbon bond formation catalyzed by new oxamate-containing palladium(II) complexes in ionic liquids. Journal of Organometallic Chemistry, 2013, 743, 102-108.	0.8	69
95	Cubane-Type Cu^{II}₄ and Mn^{II}₂Mn^{III}₂ Complexes Based on Pyridoxine: A Versatile Ligand for Metal Assembling. Inorganic Chemistry, 2013, 52, 11934-11943.	1.9	24
96	Multielectron transfer in a dicopper(ii) anthraquinophane. Chemical Communications, 2013, 49, 3534.	2.2	16
97	Enantioselective self-assembly of antiferromagnetic hexacopper(ii) wheels with chiral amino acid oxamates. Chemical Communications, 2013, 49, 5942.	2.2	24
98	Anion-Directed Self-Assembly of Unusual Discrete and One-Dimensional Copper(II) Complexes of 3,6-Bis(2â€²-pyridyl)pyridazine. Crystal Growth and Design, 2013, 13, 270-281.	1.4	25
99	Ferromagnetic coupling and spin canting behaviour in heterobimetallic Re^{IV}M^{II/III}(M = Co^{II/III}, Ni^{II}) species. Dalton Transactions, 2013, 42, 1687-1695.	1.6	24
100	Dicopper(II) Metallacyclophanes with Oligo(p-phenylene-ethynylene) Spacers: Experimental Foundations and Theoretical Predictions on Potential Molecular Magnetic Wires. Inorganic Chemistry, 2013, 52, 7645-7657.	1.9	22
101	Synthesis, characterization and X-ray structure of glycosyl-1,2-isoxazoles and glycosyl-1,2-isoxazolines prepared via 1,3-dipolar cycloaddition. Journal of Molecular Structure, 2013, 1048, 130-137.	1.8	6
102	Slow Magnetic Relaxation in a Hydrogen-Bonded 2D Array of Mononuclear Dysprosium(III) Oxamates. Inorganic Chemistry, 2013, 52, 4777-4779.	1.9	37
103	Dicopper(II) Metallacyclophanes with Electroswitchable Polymethylâ€Substituted paraâ€Phenylene Spacers. Chemistry - A European Journal, 2013, 19, 12124-12137.	1.7	25
104	Fieldâ€Induced Hysteresis and Quantum Tunneling of the Magnetization in a Mononuclear Manganese(III) Complex. Angewandte Chemie - International Edition, 2013, 52, 14075-14079.	7.2	150
105	New Family of Thiocyanate-Bridged Re(IV)-SCN-M(II) (M = Ni, Co, Fe, and Mn) Heterobimetallic Compounds: Synthesis, Crystal Structure, and Magnetic Properties. Inorganic Chemistry, 2012, 51, 5737-5747.	1.9	62
106	Synthesis, Structure, and Magnetic Properties of Regular Alternating Î¼-bpm/di-Î¼-X Copper(II) Chains (bpm) Tj ETQq0 0 0 rgBT /Overlo	1.9	25
107	Hexachlororhenate(IV) salts of ruthenium(III) cations: X-ray structure and magnetic properties. Inorganica Chimica Acta, 2012, 380, 118-124.	1.2	33
108	Experimental, DFT and TD-DFT studies of rhenium complexes with thiocyanate ligands. Inorganica Chimica Acta, 2012, 387, 314-320.	1.2	17

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109	Very Long-Distance Magnetic Coupling in a Dicopper(II) Metallacyclophane with Extended Ï€-Conjugated Diphenylethyne Bridges. Inorganic Chemistry, 2011, 50, 11279-11281.	1.9	21
110	Self-Assembled One- and Two-Dimensional Networks Based on NH₂Me₂[ReX₅(DMF)] (X = Cl and Br) Species: Polymorphism and Supramolecular Isomerism in Re(IV) Compounds. Crystal Growth and Design, 2011, 11, 1733-1741.	1.4	18
111	First Magnetostructural Study on a Heterodinuclear 2,2â€²-Bipyrimidine-Bridged Complex. Inorganic Chemistry, 2011, 50, 12405-12407.	1.9	14
112	Synthesis, crystal structure and magnetic properties of an oxalato-bridged Re^{IV}Mo^{VI}heterobimetallic complex. Dalton Transactions, 2011, 40, 4818-4820.	1.6	20
113	Flux growth and characterization of Ti- and Ni-doped enstatite single crystals. Journal of Crystal Growth, 2011, 329, 86-91.	0.7	7
114	Unexpected magnetic topology in the heterobimetallic [ReIVBr4(Î¼-ox)CuII(bpy)2] compound. Inorganica Chimica Acta, 2011, 370, 394-397.	1.2	11
115	A Copper(II)-Cytidine Complex as a Building Unit for the Construction of an Unusual Three-Dimensional Coordination Polymer. Crystal Growth and Design, 2010, 10, 1757-1761.	1.4	23
116	A phenyl-salicyliden-imine as a suitable ligand to build functional materials. Inorganica Chimica Acta, 2009, 362, 247-252.	1.2	13
117	Copper(II) complexes with 2,5-bis(2-pyridyl)pyrazine and 1,1,3,3-tetracyano-2-ethoxypropenide anion: Syntheses, crystal structures and magnetic properties. Polyhedron, 2009, 28, 1287-1294.	1.0	28
118	Self-assembly of water cluster in iron(III) oxalate-bridged complexes. Polyhedron, 2009, 28, 2965-2972.	1.0	10
119	Heterotetranuclear Oxalato-Bridged Re^{IV}₃M^{II} (M = Mn, Fe, Co, Ni,) Tj ETQq1 1 0.784314 rgBT /O 3027-3038.	1.9	58
120	Synthesis, crystal structure, electrochemical and magnetic properties of (NBu4)[ReCl5(L)] with L=pyrimidine and pyridazine. Polyhedron, 2008, 27, 552-558.	1.0	15
121	Magneto-structural study on a series of rhenium(IV) complexes containing biimH2, pyim and bipy ligands. Polyhedron, 2008, 27, 1447-1454.	1.0	21
122	Linkage isomerism in the metal complex hexa(thiocyanato)rhenate(IV): Synthesis and crystal structure of (NBu4)2[Re(NCS)6] and [Zn(NO3)(Me2phen)2]2[Re(NCS)5(SCN)]. Inorganica Chimica Acta, 2008, 361, 2715-2720.	1.2	22
123	Self-Assembly of a Chiral Carbonate- and Cytidine-Containing Dodecanuclear Copper(II) Complex: a Multiarm-Supplied Globular Capsule. Inorganic Chemistry, 2008, 47, 10229-10231.	1.9	30
124	New Extended Magnetic Systems Based on Oxalate and Iron(III) Ions. Inorganic Chemistry, 2008, 47, 3772-3786.	1.9	36
125	Synthesis, crystal structures and magnetic properties of tricyanomethanide-containing copper(II) complexes. Dalton Transactions, 2008, , 1583.	1.6	43
126	Guanine-containing copper(<scp>ii</scp>) complexes: synthesis, X-ray structures and magnetic properties. Dalton Transactions, 2008, , 514-520.	1.6	31

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127	Pentachloro(pyrazine)rhenate(iv) complex as precursor of heterobimetallic pyrazine-containing ReIV2MII (M = Ni, Cu) species: synthesis, crystal structures and magnetic properties. Dalton Transactions, 2008, , 4585.	1.6	32
128	A self-assembled tetrameric water cluster stabilized by the hexachlororhenate(IV) anion and diprotonated 2,2â€²-biimidazole: X-ray structure and magnetic properties. CrystEngComm, 2008, 10, 1284.	1.3	33
129	X-Ray structure of [ReCl₄(Î¼-ox)Cu(pyim)₂]: a new heterobimetallic Re^{IV}Cu^{II}ferrimagnetic chain. Dalton Transactions, 2008, , 40-43.	1.6	31
130	Spin canting in an unprecedented three-dimensional pyrophosphate- and 2,2â€²-bipyrimidine-bridged cobalt(ii) framework. Dalton Transactions, 2008, , 5152.	1.6	39
131	2,3,5,6-Tetrakis(2-pyridyl)pyrazine (tppz)-containing iron(II) complexes: Syntheses and crystal structures. Polyhedron, 2007, 26, 5263-5270.	1.0	30
132	A novel series of rhenium-bipyrimidine complexes: synthesis, crystal structure and electrochemical properties. Dalton Transactions, 2007, , 653-660.	1.6	32
133	A New Octanuclear Copper(II)â^'Nucleoside Wheel. Journal of the American Chemical Society, 2007, 129, 2740-2741.	6.6	49
134	Supramolecular Assemblies of Nucleobase Derivative 1-Mecyt with Mg(II) and Ni(II) and Solid-State Transformation of Ni(II) Phase:â€‰ A Comprehensive Evidence of Their Different Reactivity toward 1-Mecyt [1-Mecyt = 1-Methylcytosine]. Crystal Growth and Design, 2007, 7, 609-612.	1.4	8
135	Ligand effects on the structures and magnetic properties of tricyanomethanide-containing copper(ii) complexes. Dalton Transactions, 2007, , 5190.	1.6	36
136	Metalâ€“nucleobase interactions in magnesium(II) and manganese(II) complexes with adenine: Influence of the anion on the non-covalent stabilization of 7H-adenine tautomer. Polyhedron, 2007, 26, 4945-4954.	1.0	23
137	The counterion as a useful tool to obtain complexes of cytosine with alkali metal ions. New Journal of Chemistry, 2006, 30, 13-17.	1.4	22
138	A Heterotetranuclear [NiIIReIV3] Single-Molecule Magnet. Journal of the American Chemical Society, 2006, 128, 14218-14219.	6.6	87
139	Ligand Effects on the Structures of Extended Networks of Dicyanamide-Containing Transition-Metal Ions. Inorganic Chemistry, 2006, 45, 4626-4636.	1.9	54
140	A Two-Dimensional ReIVAgI Compound:â€‰ X-ray Structure and Magnetic Properties. Crystal Growth and Design, 2006, 6, 2204-2206.	1.4	31
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