

# Francesco Demartin

## List of Publications by Year in descending order

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271  
papers

6,791  
citations

76196

40  
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128067

60  
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275  
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275  
docs citations

275  
times ranked

5061  
citing authors

#	ARTICLE	IF	CITATIONS
1	Paradimorphite, $\hat{2}\text{-As}_4\text{S}_3$ , a vintage new mineral from Solfatara di Pozzuoli and Vesuvius, Napoli, Italy. <i>Mineralogical Magazine</i> , 2022, 86, 500-506.	0.6	2
2	Stabilization of caesium ions by simple organic molecules: crystal structures of $\text{Cs}(\text{OXL})$ ( $\text{OXL} = \text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7}$ ) $\text{Cs}_3(\text{CYH}_3)_4(\text{OH})_3$ ( $\text{CYH}_3 = \text{cyanuric acid}$ ). <i>New Journal of Chemistry</i> , 2021, 45, 3263-3270.	1.4	2
3	Can Serendipity Still Hold Any Surprises in the Coordination Chemistry of Mixed-Donor Macrocyclic ligands? The Case Study of Pyridine-Containing 12-Membered Macrocycles and Platinum Group Metal ions PdII, PtII, and RhIII. <i>Molecules</i> , 2021, 26, 1286.	1.7	3
4	Relevance of production method on the physical stability and in vitro biopharmaceutical performances of olanzapine orodispersible film. <i>International Journal of Pharmaceutics</i> , 2021, 603, 120697.	2.6	10
5	Gold Clusters: From the Dispute on a Gold Chair to the Golden Future of Nanostructures. <i>Molecules</i> , 2021, 26, 5014.	1.7	1
6	Bismuth Oxyhalides for NOx Degradation under Visible Light: The Role of the Chloride Precursor. <i>Catalysts</i> , 2021, 11, 81.	1.6	4
7	Selective Formation, Reactivity, Redox and Magnetic Properties of MnIII and FeIII Dinuclear Complexes with Shortened Salen-Type Schiff Base Ligands. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7882.	1.8	11
8	Pigments on Roman Wall Painting and Stucco Fragments from the Monte d'â€™Oro Area (Rome): A Multi-Technique Approach. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7121.	1.3	13
9	Oxidant/complexing properties of the methimazole (MelmHS)/iodine system towards palladium and gold metals. Crystal structure of the complex cation $[\text{Pd}^{\text{II}}(\text{MelmHS})_4]^{2+}$ balanced by a tetraiodide/iodide mixture. <i>New Journal of Chemistry</i> , 2020, 44, 2652-2660.	1.4	5
10	Sbacchiite, $\text{Ca}_2\text{AlF}_7$ , a new fumarolic mineral from the Vesuvius volcano, Napoli, Italy. <i>European Journal of Mineralogy</i> , 2019, 31, 153-158.	0.4	5
11	Russoite, $\text{NH}_4\text{ClAs}_3\text{O}_3(\text{H}_2\text{O})_{0.5}$ , a new phylloarsenite mineral from Solfatara Di Pozzuoli, Napoli, Italy. <i>Mineralogical Magazine</i> , 2019, 83, 89-94.	0.6	6
12	Structural diversity in the products formed by the reactions of 2-aryselanyl pyridine derivatives and dihalogens. <i>New Journal of Chemistry</i> , 2018, 42, 10592-10602.	1.4	8
13	Intriguing $\text{H}^+\text{-Cu}$ interactions in bis-(phenanthroline) $\text{Cu}(\text{redox mediators})$ redox mediators for dye-sensitized solar cells. <i>Dalton Transactions</i> , 2018, 47, 1018-1022.	1.6	13
14	Fiemmeite $\text{Cu}_2(\text{C}_2\text{O}_4)(\text{OH})_2 \cdot 2\text{H}_2\text{O}$ , a New Mineral from Val di Fiemme, Trentino, Italy. <i>Minerals (Basel)</i> , $\text{Tj ETQq0 0 0 rgBT /Overlock 0.8 4}$	0.8	4
15	Novel coumarins and related copper complexes with biological activity: DNA binding, molecular docking and in vitro antiproliferative activity. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 101-109.	1.5	20
16	Hydrogen- and halogen-bond cooperativity in determining the crystal packing of dihalogen charge-transfer adducts: a study case from heterocyclic pentatomic chalcogenone donors. <i>CrystEngComm</i> , 2017, 19, 4401-4412.	1.3	24
17	Aspirin and paracetamol removal using a commercial micro-sized $\text{TiO}_2$ catalyst in deionized and tap water. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12646-12654.	2.7	26
18	Observation of Mixed Valence Ru Components in Zn Doped $\text{Y}_2\text{Ru}_2\text{O}_7$ Pyrochlores. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11763-11768.	1.5	23

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19	Identification and characterization of a new designer drug thiothione in seized products. <i>Forensic Toxicology</i> , 2016, 34, 174-178.	1.4	10
20	Evidence of local structural order and spin-lattice coupling in the frustrated pyrochlore $\text{Y}_2\text{Ru}_2\text{O}_7$ . <i>Physical Review B</i> , 2015, 91, .	1.7	8
21	Evidence of a correlation between magnetic and structural transitions in $\text{Y}_2\text{ZnRu}_2\text{O}_7$ pyrochlore compounds. <i>RSC Advances</i> , 2015, 5, 100809-100815.	1.7	8
22	Zinc( $\text{scp}$ )-methimazole complexes: synthesis and reactivity. <i>Dalton Transactions</i> , 2015, 44, 9805-9814.	1.6	7
23	Mambertiite, $\text{BiMo}_5\text{2.80O}_8(\text{OH})$ , a new mineral from Su Seinargiu, Sardinia, Italy: occurrence, crystal structure, and relationships with gelsaite. <i>European Journal of Mineralogy</i> , 2015, 27, 405-415.	0.4	4
24	Campostriniite, $(\text{Bi}^{3+}, \text{Na})_3(\text{NH}_4, \text{K})_2\text{Na}_2(\text{SO}_4)_6\text{H}_2\text{O}$ , a new sulfate isostructural with gÄrgeyite, from La Fossa Crater, Vulcano, Aeolian Islands, Italy. <i>Mineralogical Magazine</i> , 2015, 79, 1007-1018.	0.6	6
25	Therasiaite, $(\text{NH}_4)_3\text{KNa}_2\text{Fe}_2+\text{Fe}_3+(\text{SO}_4)_3\text{Cl}_5$ , a new sulfate chloride from La Fossa Crater, Vulcano, Aeolian islands, Italy. <i>Mineralogical Magazine</i> , 2014, 78, 203-213.	0.6	6
26	Novel copper(II) complexes as new promising antitumour agents. A crystal structure of $[\text{Cu}(\text{1,10-phenanthroline-5,6-dione})_2(\text{OH})_2(\text{OCIO}_3)](\text{ClO}_4)$ . <i>Journal of Inorganic Biochemistry</i> , 2014, 141, 103-113.	1.5	32
27	Efficient Copper Mediators Based on Bulky Asymmetric Phenanthrolines for DSSCs. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 13945-13955.	4.0	53
28	Parascandolaite, $\text{KMgF}_3$ , a new perovskite-type fluoride from Vesuvius. <i>Physics and Chemistry of Minerals</i> , 2014, 41, 403-407.	0.3	19
29	Aluminopyracmonite, $(\text{NH}_4)_3\text{Al}(\text{SO}_4)_3$ , a new ammonium aluminium sulfate from La Fossa crater, Vulcano, Aeolian Islands, Italy. <i>Mineralogical Magazine</i> , 2013, 77, 443-451.	0.6	11
30	A highly selective off-on fluorescent chemodosimeter for $\text{Hg}^{2+}$ based on a anthracene-bis(phosphinesulfide) conjugate. <i>RSC Advances</i> , 2013, 3, 12149.	1.7	5
31	Gold oxidative dissolution by (thioamide) $_2$ adducts. <i>Dalton Transactions</i> , 2013, 42, 492-498.	1.6	23
32	Polymorphism of $\text{As}_4\text{S}_3$ (tris-(1/42-sulfido)-tetra-arsenic): accurate structure refinement on natural $\hat{1}\pm$ - and $\hat{2}$ -dimorphites and inferred room temperature thermodynamic properties. <i>Physics and Chemistry of Minerals</i> , 2013, 40, 175-182.	0.3	5
33	Copper 1D coordination polymers and dimers: Role of the carboxylate and the ammonium cation, crystal structures and magnetic studies. <i>Polyhedron</i> , 2013, 53, 157-165.	1.0	25
34	Adranosite-(Fe), $(\text{NH}_4)_4\text{NaFe}_2(\text{SO}_4)_4\text{Cl}(\text{OH})_2$ , a new ammonium sulfate chloride from La Fossa Crater, Vulcano, Aeolian Islands, Italy. <i>Canadian Mineralogist</i> , 2013, 51, 57-66.	0.3	22
35	Fascinating Role of the Number of f Electrons in Dipolar and Octupolar Contributions to Quadratic Hyperpolarizability of Trinuclear Lanthanides-Biscopper Schiff Base Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 7550-7556.	1.9	10
36	Reactivity of Fluoro-Substituted Bis(thiocarbonyl) Donors with Diiodine: An XRD, FT-Raman, and DFT Investigation. <i>Chemistry - an Asian Journal</i> , 2013, 8, 3071-3078.	1.7	8

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37	Formation of T-shaped versus Charge-Transfer Molecular Adducts in the Reactions Between Bis(thiocarbonyl) Donors and Br <sub>2</sub> and I <sub>2</sub> . Chemistry - an Asian Journal, 2013, 8, 639-647.	1.7	13
38	Mixed-1,10-phenanthroline-Cu(II) complexes: Synthesis, cytotoxic activity versus hematological and solid tumor cells and complex formation equilibria with glutathione. Journal of Inorganic Biochemistry, 2012, 114, 28-37.	1.5	41
39	Hydrogen Bonding Network of 4-Amidiniumpyridine Acetate and Pt <sup>II</sup> bis(triphenylphosphine) Complexes with 4-Amidinepyridine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 2252-2256.	0.6	1
40	From red to near infra-red OLEDs: the remarkable effect of changing from X = Cl to NCS in a cyclometallated [Pt(Nâ€ˆSCâ€ˆN)X] complex {Nâ€ˆSCâ€ˆN = 5-mesityl-1,3-di-(2-pyridyl)benzene}. Chemical Communications, 2012, 48, 3182.	2.2	72
41	Predictive modeling of the vibrational quenching in emitting lanthanides complexes. Synthetic Metals, 2012, 161, 2693-2699.	2.1	20
42	Cationic and anionic 1D chains based on NHâ€ˆN charge-assisted hydrogen bonds in bipyridyl derivatives and polyiodides. CrystEngComm, 2012, 14, 5809.	1.3	15
43	D'ansite-(Mn), Na <sub>21</sub> Mn <sup>2+</sup> (SO <sub>4</sub> ) <sub>10</sub> Cl <sub>3</sub> and d'ansite-(Fe), Na <sub>21</sub> Fe <sup>2+</sup> (SO <sub>4</sub> ) <sub>10</sub> Cl <sub>3</sub> , two new minerals from volcanic fumaroles. Mineralogical Magazine, 2012, 76, 2773-2783.	0.6	8
44	Structure of the new mineral sarrabusite, Pb <sub>5</sub> CuCl <sub>4</sub> (SeO <sub>3</sub> ) <sub>4</sub> , solved by manual electron-diffraction tomography. Acta Crystallographica Section B: Structural Science, 2012, 68, 15-23.	1.8	36
45	Argesite, (NH <sub>4</sub> ) <sub>7</sub> Bi <sub>3</sub> Cl <sub>16</sub> , a new mineral from La Fossa Crater, Vulcano, Aeolian Islands, Italy: A first example of the [Bi <sub>2</sub> Cl <sub>10</sub> ] <sup>4-</sup> anion. American Mineralogist, 2012, 97, 1446-1451.	0.9	10
46	Cossaite, (Mg <sub>0.5</sub> ,â€ˆ)Al <sub>6</sub> (SO <sub>4</sub> ) <sub>6</sub> (HSO <sub>4</sub> ) <sub>6</sub> Âˆ36H <sub>2</sub> O, a new mineral from La Fossa crater, Vulcano, Aeolian Islands, Italy. Mineralogical Magazine, 2011, 75, 2847-2855.	0.6	4
47	Gelosaite, BiMo <sub>6</sub> (2-5x)Mo <sub>5</sub> +6xO <sub>7</sub> (OH){middle dot}H <sub>2</sub> O (0 <= x <= 0.4), a new mineral from Su Senargiu (CA), Sardinia, Italy, and a second occurrence from Kingsgate, New England, Australia. American Mineralogist, 2011, 96, 268-273.	0.9	6
48	Oxidative properties of iodine-adducts of propylthiouracil and methimazole: Direct synthesis of mercury(II) complexes from the reaction with liquid mercury. Dalton Transactions, 2011, 40, 4505.	1.6	30
49	CLINOMETABORITE, NATURAL Âˆ-METABORIC ACID, FROM LA FOSSA CRATER, VULCANO, AEOLIAN ISLANDS, ITALY. Canadian Mineralogist, 2011, 49, 1273-1279.	0.3	6
50	Er <sup>3+</sup> and Eu <sup>3+</sup> complexes with heptafluoroacetylacetone and tris(pentafluoro)phenylphosphine oxide: The role of the pentafluorophenyl group on the coordination geometry and on the electronic absorption spectra. Inorganica Chimica Acta, 2011, 366, 254-261.	1.2	7
51	Synthesis, structural characterization, formation constants and in vitro cytotoxicity of phenanthroline and imidazolidine-2-thione copper(II) complexes. Journal of Inorganic Biochemistry, 2011, 105, 329-338.	1.5	20
52	A Selective, Nontoxic, OFF-ON Fluorescent Molecular Sensor Based on 8-Hydroxyquinoline for Probing Cd <sup>2+</sup> in Living Cells. Chemistry - A European Journal, 2010, 16, 919-930.	1.7	129
53	PYRACMONITE, (NH <sub>4</sub> ) <sub>3</sub> Fe(SO <sub>4</sub> ) <sub>3</sub> , A NEW AMMONIUM IRON SULFATE FROM LA FOSSA CRATER, VULCANO, AEOLIAN ISLANDS, ITALY. Canadian Mineralogist, 2010, 48, 307-313.	0.3	33
54	Aiolosite, Na <sub>2</sub> (Na <sub>2</sub> Bi)(SO <sub>4</sub> ) <sub>3</sub> Cl, a new sulfate isotypic to apatite from La Fossa Crater, Vulcano, Aeolian Islands, Italy. American Mineralogist, 2010, 95, 382-385.	0.9	20

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55	Novel ruthenium(ii) complexes with substituted 1,10-phenanthroline or 4,5-diazafluorene linked to a fullerene as highly active second order NLO chromophores. Dalton Transactions, 2010, 39, 10314.	1.6	40
56	ALUMINUM-FOR-IRON SUBSTITUTION, HYDROGEN BONDING, AND A NOVEL STRUCTURE-TYPE IN COQUIMBITE-LIKE MINERALS. Canadian Mineralogist, 2010, 48, 323-333.	0.3	18
57	ALUMINOCOQUIMBITE, $\text{AlFe}(\text{SO}_4)_3 \cdot 9\text{H}_2\text{O}$ , A NEW ALUMINUM IRON SULFATE FROM GROTTA DELL'ALLUME, VULCANO, AEOLIAN ISLANDS, ITALY. Canadian Mineralogist, 2010, 48, 1465-1468.	0.3	12
58	ADRANOSITE, $(\text{NH}_4)_4\text{NaAl}_2(\text{SO}_4)_4\text{Cl}(\text{OH})_2$ , A NEW AMMONIUM SULFATE CHLORIDE FROM LA FOSSA CRATER, VULCANO, AEOLIAN ISLANDS, ITALY. Canadian Mineralogist, 2010, 48, 315-321.	0.3	15
59	Demicheleite-(I), $\text{BiSi}$ , a new mineral from La Fossa Crater, Vulcano, Aeolian Islands, Italy. Mineralogical Magazine, 2010, 74, 141-145.	0.6	32
60	Demicheleite-(Cl), $\text{BiSiCl}$ , a new mineral from La Fossa crater, Vulcano, Aeolian Islands, Italy. American Mineralogist, 2009, 94, 1045-1048.	0.9	20
61	Molecular Iodine Stabilization in an Extended $\text{N}_4\text{I}_4\text{N}$ Assembly. European Journal of Inorganic Chemistry, 2009, 2009, 3667-3672.	1.0	17
62	STEROPESITE, $\text{Ti}_3\text{BiCl}_6$ , A NEW THALLIUM BISMUTH CHLORIDE FROM LA FOSSA CRATER, VULCANO, AEOLIAN ISLANDS, ITALY. Canadian Mineralogist, 2009, 47, 373-380.	0.3	16
63	PANICHIITE, NATURAL AMMONIUM HEXACHLOROSTANNATE(IV), $(\text{NH}_4)_2\text{SnCl}_6$ , FROM LA FOSSA CRATER, VULCANO, AEOLIAN ISLANDS, ITALY. Canadian Mineralogist, 2009, 47, 367-372.	0.3	23
64	BRONTESITE, $(\text{NH}_4)_3\text{PbCl}_5$ , A NEW PRODUCT OF FUMAROLIC ACTIVITY FROM LA FOSSA CRATER, VULCANO, AEOLIAN ISLANDS, ITALY. Canadian Mineralogist, 2009, 47, 1237-1243.	0.3	15
65	Novel $\text{Er}^{3+}$ Perfluorinated Complexes for Broadband Sensitized Near Infrared Emission. Chemistry of Materials, 2009, 21, 128-135.	3.2	52
66	The role of 5-R-1,10-phenanthroline (R=CH <sub>3</sub> , NO <sub>2</sub> ) on the emission properties and second-order NLO response of cationic Ir(III) organometallic chromophores. Inorganica Chimica Acta, 2008, 361, 4070-4076.	1.2	41
67	Interaction of Methimazole with $\text{I}^{2+}$ : X-ray Crystal Structure of the Charge Transfer Complex Methimazole $\cdot\text{I}^{2+}$ . Implications for the Mechanism of Action of Methimazole-Based Antithyroid Drugs. Journal of Medicinal Chemistry, 2008, 51, 4050-4053.	2.9	43
68	THERMESSAITE, $\text{K}_2[\text{AlF}_3\text{SO}_4]$ , A NEW INO-ALUMINOFLUORIDE-SULFATE FROM LA FOSSA CRATER, VULCANO, AEOLIAN ISLANDS, ITALY. Canadian Mineralogist, 2008, 46, 693-700.	0.3	20
69	KNASIBFITE, $\text{K}_3\text{Na}_4[\text{SiF}_6]_3[\text{BF}_4]$ , A NEW HEXAFLUOROSILICATE-TETRAFLUOROBORATE FROM LA FOSSA CRATER, VULCANO, AEOLIAN ISLANDS, ITALY. Canadian Mineralogist, 2008, 46, 447-453.	0.3	15
70	Demicheleite, $\text{BiSBr}$ , a new mineral from La Fossa crater, Vulcano, Aeolian Islands, Italy. American Mineralogist, 2008, 93, 1603-1607.	0.9	9
71	Characterization and physical stability of fast-dissolving microparticles containing nifedipine. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 68, 579-588.	2.0	18
72	HEPHAISTOSITE, $\text{TiPb}_2\text{Cl}_5$ , A NEW THALLIUM MINERAL SPECIES FROM LA FOSSA CRATER, VULCANO, AEOLIAN ISLANDS, ITALY. Canadian Mineralogist, 2008, 46, 701-708.	0.3	24

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73	THE CRYSTAL STRUCTURE OF CERVANDONITE-(Ce), AN INTERESTING EXAMPLE OF As <sup>3+</sup> & Si DIADOCHY. Canadian Mineralogist, 2008, 46, 423-430.	0.3	3
74	Interaction of Mixed-Donor Macrocycles Containing the 1,10-Phenanthroline Subunit with Selected Transition and Post-Transition Metal Ions: Metal Ion Recognition in Competitive Liquid-Liquid Solvent Extraction of CuII, ZnII, PbII, CdII, AgI, and HgII. Inorganic Chemistry, 2008, 47, 8391-8404.	1.9	36
75	THE CRYSTAL STRUCTURE OF MCKELVEYITE-(Y)-2M, A NEW MONOCLINIC POLYTYPE FROM VAL MALENCO, ITALIAN ALPS. Canadian Mineralogist, 2008, 46, 195-203.	0.3	6
76	Charge-Transfer Adducts of N-Methylthiazolidine-2-thione with IBr and I <sub>2</sub> : An Example of Polymorphism Featuring Interpenetrating Three-Dimensional Subcomponent Assemblies and Halogen-Halogen Weak Interactions. Crystal Growth and Design, 2007, 7, 1284-1290.	1.4	13
77	Tetrahedral Coll Complexes with Co <sub>2</sub> O <sub>2</sub> and CoO <sub>2</sub> S <sub>2</sub> Cores: Crystal Structures of [Co{HN(OPPh <sub>2</sub> )(SPPH <sub>2</sub> -O)} <sub>2</sub> I <sub>2</sub> ] and [Co{N(OPPh <sub>2</sub> )(SPPH <sub>2</sub> -O,S)} <sub>2</sub> ]. European Journal of Inorganic Chemistry, 2007, 2007, 4607-4614.	1.0	15
78	Chiral 1,4-bis-diphosphine ligands from optically active (Z)-olefines. Tetrahedron: Asymmetry, 2007, 18, 1278-1283.	1.8	12
79	Copper(II) Complexes of salen Analogues with Two Differently Substituted (Push-Pull) Salicylaldehyde Moieties. A Study on the Modulation of Electronic Asymmetry and Nonlinear Optical Properties. Inorganic Chemistry, 2006, 45, 10976-10989.	1.9	135
80	X-ray Diffraction and Theoretical Studies for the Quantitative Assessment of Intermolecular Arene-Perfluoroarene Stacking Interactions. Chemistry - A European Journal, 2006, 12, 3538-3546.	1.7	77
81	Copper(I) Complexes with a Cu <sub>4</sub> S <sub>6</sub> - and Cu <sub>4</sub> S <sub>4</sub> -Type Core Obtained from the Reaction of Copper(0) with HN(SPPH <sub>2</sub> ) <sub>2</sub> I <sub>2</sub> . European Journal of Inorganic Chemistry, 2006, 2006, 200-206.	1.0	17
82	Novel cyclometallated Pd(II) and Pt(II) complexes with indole derivatives and their use as catalysts in Heck reaction. Journal of Organometallic Chemistry, 2005, 690, 2017-2026.	0.8	27
83	Ion pairing, H-bonding, and $\pi$ - $\pi$ interactions in copper(II) complex-organo-networks derived from a proton-transfer compound of the 1,10-phenanthroline-2,9-dicarboxylic acid. Journal of Molecular Structure, 2005, 750, 166-173.	1.8	27
84	An unusual cis-phosphonodithioato Pd(II) complex in an extensive hydrogen bonding 3D network. Inorganica Chimica Acta, 2005, 358, 213-216.	1.2	13
85	Complexes of Ag <sup>+</sup> with mixed donor phenanthroline-containing macrocycles: spectrofluorimetric, spectrophotometric, conductometric and potentiometric studies. Inorganica Chimica Acta, 2005, 358, 801-807.	1.2	11
86	Complexes of CuII with mixed-donor phenanthroline-containing macrocycles: analysis of their structural, redox and spectral properties in the context of Type-1 blue copper proteins biomimetic models. Inorganica Chimica Acta, 2005, 358, 2403-2412.	1.2	16
87	Fast-dissolving mucoadhesive microparticulate delivery system containing piroxicam. European Journal of Pharmaceutical Sciences, 2005, 24, 355-361.	1.9	35
88	Inorganic-organic hybrid materials: construction of the first polymeric channelled halometallate(ii) system. CrystEngComm, 2005, 7, 544.	1.3	18
89	Coordination chemistry of N-aminopropyl pendant arm derivatives of mixed N/S-, and N/S/O-donor macrocycles, and construction of selective fluorimetric chemosensors for heavy metal ions. Dalton Transactions, 2005, , 2994.	1.6	44
90	DFT calculations, structural and spectroscopic studies on the products formed between IBr and N,N-dimethylbenzimidazole-2-(3H)-thione and -2-(3H)-selone. Dalton Transactions, 2005, , 2252.	1.6	35

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91	X-ray diffraction and packing analysis on vintage crystals: Wilhelm Koerner's nitrobenzene derivatives from the School of Agricultural Sciences in Milano. <i>Acta Crystallographica Section B: Structural Science</i> , 2004, 60, 609-620.	1.8	26
92	First ICN Adduct with a Selenium Donor (R = Se): Is It an Ionic [RSeCN] <sup>+</sup> or a T-Shaped R(I)SeCN Hypervalent Compound?. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2363-2368.	1.0	17
93	A Theoretical Investigation of the Donor Ability of [M(R,R'-timdt) <sub>2</sub> ] Dithiolene Complexes towards Molecular Diiodine (M = Ni, Pd, Pt; R,R'-timdt = Formally Monoreduced Disubstituted) <i>Tj ETQq1 1 0.784314 rgBTi,Overlock10 Tf 50</i>		
94	Reaction of Mercury(0) with the I <sub>2</sub> Adduct of Tetraphenyldithioimidodiphosphinic Acid (SPPH <sub>2</sub> ) <sub>2</sub> NH (HL) ? Crystal Structures of [Hg(HL)I <sub>2</sub> ] and HgI <sub>2</sub> . <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4660-4668.	1.0	18
95	[Ni(L)(MeCN)] <sub>2</sub> +complex cation as a template for the assembly of extended I <sub>3</sub> <sup>-</sup> and I <sub>5</sub> <sup>-</sup> polyiodide networks {L=2,5,8-trithia[9](2,9)-1,10-phenanthroline}. Synthesis and structures of [Ni(L)(MeCN)] <sub>8</sub> and [Ni(L)(MeCN)] <sub>12</sub> . <i>Inorganica Chimica Acta</i> , 2004, 357, 3803-3809.	1.2	24
96	Resolution of 5-hydroxymethyl-2-oxazolidinone by preferential crystallization and investigations on the nature of the racemates of some 2-oxazolidinone derivatives. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1659-1665.	1.8	22
97	Gramaccioliite-(Y), a new mineral of the crichtonite group from Stura Valley, Piedmont, Italy. <i>European Journal of Mineralogy</i> , 2004, 16, 171-175.	0.4	21
98	Redox chemosensors: coordination chemistry towards CuII, ZnII, CdII, HgII, and PbII of 1-aza-4,10-dithia-7-oxacyclododecane ([12]aneNS <sub>2</sub> O) and its N-ferrocenylmethyl derivative Electronic supplementary information (ESI) available: synthetic details including analytical and spectroscopic data for the isolated complexes. Ortep views of the coordination sphere around the metal centres in 1, 2 and 5. See <a href="http://www.rsc.org/suppdata/doi/b2/b210806m/">http://www.rsc.org/suppdata/doi/b2/b210806m/</a> . <i>Dalton Transactions</i> , 2003, , 901-909.	1.6	55
99	Unexpected Formation of a Weak Metal-Metal Bond: A Synthesis, Electronic Properties, and Second-Order NLO Responses of Push-Pull Late-Early Heteronuclear Bimetallic Complexes with W(CO) <sub>3</sub> (1,10-phenanthroline) Acting as a Donor Ligand. <i>Organometallics</i> , 2003, 22, 4001-4011.	1.1	26
100	Nitrile functionalised pendant-arm derivatives of aza- and mixed donor macrocyclic ligands as new building blocks for inorganic crystal engineering. <i>Dalton Transactions RSC</i> , 2002, , 1662-1670.	2.3	32
101	New pentanuclear mixed valence Co(II)-Co(III) complexes of short-salen homologues. <i>Dalton Transactions RSC</i> , 2002, , 4672-4677.	2.3	12
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198	Cyclometallated derivatives of palladium(II) with 1,4-benzodiazepin-2-ones. Crystal structure of (L-H) $\text{Pd}(\text{PPh}_3)\text{Cl} \cdot \text{CHCl}_3$ (L = Prazepam:) Tj ETQqO O 0 rgBT /Overlock 10 Tf 50 67 Td (7-chloro-1-cyclopropylmethyl-1,3-dihydro-5-phenylisoindolo[2,1-d][1,4]benzodiazepine derivatives by reaction of $[(\text{L-H})\text{PdCl}]_2$ species with carbon monoxide. <i>Journal of Organometallic Chemistry</i> , 1991, 401, 371-384.	0.8	23

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207	Chemistry of iridium carbonyl cluster complexes. Synthesis, chemical characterization and X-ray crystal structures of [PPh <sub>4</sub> ][Ir <sub>6</sub> (CO) <sub>15</sub> Cl]·C <sub>4</sub> H <sub>8</sub> O and [PPh <sub>4</sub> ][Ir <sub>6</sub> (CO) <sub>14</sub> Cl]. <i>Journal of Organometallic Chemistry</i> , 1990, 396, 385-399.	0.8	13
208	Reactions of organic halides with the carbonyl anions [M(CO) <sub>4</sub> ] <sup>-</sup> (M = Rh, Ir). Crystal and molecular structure of [PPN][IrBr <sub>2</sub> (CO) <sub>2</sub> (CH <sub>2</sub> CO <sub>2</sub> Me) <sub>2</sub> ] and of [PPN][Ir(CO) <sub>2</sub> (CH <sub>2</sub> CN) <sub>2</sub> ] (PPN <sup>+</sup> = [(Ph <sub>3</sub> P) <sub>2</sub> N] <sup>+</sup> ). <i>Organometallics</i> , 1990, 9, 929-935.	1.1	20
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253	Deoxygenation reaction of 2-nitrophenol. Synthesis and X-ray crystal structure of		
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271	A new assembly of diiodine molecules at the 1,3-dimethylimidazole-2-thione (Me <sub>2</sub> ImS) template: crystal structure of (Me <sub>2</sub> ImS) <sub>2</sub> ·(I <sub>2</sub> ) <sub>5</sub> . New Journal of Chemistry, 0, , .	1.4	0