

# Massimiliano Arca

## List of Publications by Year in Descending Order

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

176  
papers

3,625  
citations

32  
h-index

47  
g-index

188  
ext. papers

3,898  
ext. citations

4  
avg, IF

4.5  
L-index

#	Paper	IF	Citations
176	New ionic $[\{2-(\text{Me}_2\text{NCH}_2)\text{C}_6\text{H}_4\}(\text{R})\text{Sn}\{(\text{EPPH}_2)_2\text{N}\}][(\text{EPPH}_2)_2\text{N}]$ ( $\text{R} = \text{D}$ - $(\text{Me}_2\text{NCH}_2)\text{C}_6\text{H}_4$ , nBu; $\text{E} = \text{O}$ , S, Se) compounds. Solution behaviour and solid state structure. <i>Journal of Organometallic Chemistry</i> , <b>2022</b> , 963, 122282	2.3	0
175	1,2-Diselenolene ligands and related metal complexes: Design, synthesis and applications. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 214444	23.2	0
174	Morpholine- and Thiomorpholine-Based Amidodithiophosphonato Nickel Complexes: Synthesis, Characterization, P-N Cleavage, Antibacterial Activity and Silica Nano-Dispersion. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2021</b> , 21, 2879-2891	1.3	0
173	Stabilization of caesium ions by simple organic molecules: crystal structures of Cs(OXL) (OXL = oxalurate anion) and the CsOH/cyanuric acid co-crystal Cs <sub>3</sub> (CYH <sub>3</sub> ) <sub>4</sub> (OH) <sub>3</sub> (CYH <sub>3</sub> = cyanuric acid). <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 3263-3270	3.6	0
172	Platinum diimine-dithiolate complexes as a new class of photoconducting compounds for pristine photodetectors: case study on [Pt(bipy)(Naph-edt)] (bipy = 2,2'-bipyridine; Naph-edt = 2-naphthylethylene-1,2-dithiolate). <i>Dalton Transactions</i> , <b>2021</b> , 50, 7527-7531	4.3	1
171	Luminescent gold-thallium derivatives with a pyridine-containing 12-membered aza-thioether macrocycle. <i>Dalton Transactions</i> , <b>2021</b> , 50, 9709-9718	4.3	2
170	Switching-On Fluorescence by Copper (II) and Basic Anions: A Case Study with a Pyrene-Functionalized Squaramide. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
169	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 Pd, Pt, and Rh. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
168	Coordination Chemistry and Sensing Properties Towards Anions and Metal Ions of a Simple Fluorescent Urea. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 3878	2.3	2
167	Ammonium monoethyloxalate (AmEtOx): a new agent for the conservation of carbonate stone substrates. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 5327-5339	3.6	4
166	N <sub>2</sub> S <sub>2</sub> pyridinophane-based fluorescent chemosensors for selective optical detection of Cd <sup>2+</sup> in soils. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 20834-20852	3.6	5
165	Diradical Character of Neutral Heteroleptic Bis(1,2-dithiolene) Metal Complexes: Case Study of [Pd(Metimdt)(mnt)] (Metimdt = 1,3-Dimethyl-2,4,5-trithioxoimidazolidine; mnt = 1,2-Dicyano-1,2-ethylenedithiolate). <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 17385-17401	5.1	9
164	Fast and easy conversion of ortho amidoaryldiselenides into the corresponding ebselen-like derivatives driven by theoretical investigations. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 9444-9451	3.6	7
163	Antibacterial Activity of Amidodithiophosphonato Nickel(II) Complexes: An Experimental and Theoretical Approach. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
162	Oxidant/complexing properties of the methimazole (MeImHS)/iodine system towards palladium and gold metals. Crystal structure of the complex cation [PdII(MeImHS) <sub>4</sub> ] <sup>2+</sup> balanced by a tetraiodide/iodide mixture. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 2652-2660	3.6	0
161	Aza- and Mixed Thia/Aza-Macrocyclic Receptors with Quinoline-Bearing Pendant Arms for Optical Discrimination of Zinc(II) or Cadmium(II) Ions. <i>ChemPlusChem</i> , <b>2020</b> , 85, 1789-1799	2.8	3
160	Supramolecular assemblies tailored by dipyritydyl-1,2,4-thiadiazoles: influence of the building blocks in the predictability of the final network. <i>Supramolecular Chemistry</i> , <b>2020</b> , 32, 267-275	1.8	4

159	Photoconducting Devices with Response in the Visible-Near-Infrared Region Based on Neutral Ni Complexes of Aryl-1,2-dithiolene Ligands. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 6410-6421	5.1	7
158	Water-Soluble Organotin Compounds Syntheses, Structures and Reactivity towards Fluoride Anions in Water. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 3925-3936	2.3	2
157	Reaction of imidazoline-2-selone derivatives with mesityltellurenyl iodide: a unique example of a 3c-4e Se->Te<-Se three-body system embedding a tellurenyl cation. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 11821-11831	3.6	3
156	Structural, Theoretical and Spectroscopic Characterisation of a Series of Novel Gold(I)-Norbornene Complexes Supported by Phenanthrolines: Effects of the Supporting Ligand. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 4784-4795	2.3	8
155	Bond Analysis in Dihalogen Halide and Dihalogen Dimethylchalcogenide Systems. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1007-1015	2.3	6
154	CdII/ZnII discrimination using 2,5-diphenyl[1,3,4]oxadiazole based fluorescent chemosensors. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 7869-7883	3.6	12
153	Structural diversity in the products formed by the reactions of 2-arylselanyl pyridine derivatives and dihalogens. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 10592-10602	3.6	6
152	Effect of chemical interaction between oleic acid and L-Arginine on oral perception, as a function of polymorphisms of CD36 and OBPIIa and genetic ability to taste 6-n-propylthiouracil. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194953	3.7	12
151	New Variations on the Theme of Gold(III) CNN Cyclometalated Complexes as Anticancer Agents: Synthesis and Biological Characterization. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 14852-14865	5.1	20
150	Density functional theory modelling of protective agents for carbonate stones: a case study of oxalate and oxamate inorganic salts. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 11593-11600	3.6	3
149	Structural Diversity in a New Series of Halogenated Quinoyl Salicylaldimides-Based FeIII Complexes Showing Solid-State Halogen-Bonding/Halogen-Halogen Interactions. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 4187-4199	3.5	8
148	[Au(py-H)(mnt)]: A novel gold(III) 1,2-dithiolene cyclometalated complex with antimicrobial activity (py-H=C-deprotonated 2-benzylpyridine; mnt=1,2-dicyanoethene-1,2-dithiolate). <i>Journal of Inorganic Biochemistry</i> , <b>2017</b> , 170, 188-194	4.2	14
147	Zn <sup>2+</sup> /Cd <sup>2+</sup> optical discrimination by fluorescent acridine-based bis-macrocylic receptors. <i>Supramolecular Chemistry</i> , <b>2017</b> , 29, 912-921	1.8	14
146	Coordination polymers based on dithiophosphato/dithiophosphonato nickel complexes and linear 1,4-di(3-pyridyl)buta-1,3-diyne ligand. <i>Supramolecular Chemistry</i> , <b>2017</b> , 29, 853-864	1.8	2
145	Gold and palladium oxidation/complexation in water by a thioamide-bdine leaching system. <i>Green Chemistry</i> , <b>2017</b> , 19, 4591-4599	10	8
144	Acid-catalyzed reaction of 2-hydroxycyclobutanone with benzylic alcohols. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 10053-10063	3.9	9
143	Synthesis of 2,2-bis(pyridin-2-yl amino)cyclobutanols and their conversion into 5-(pyridin-2-ylamino)dihydrofuran-2(3H)-ones. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 9779-9784	3.9	9
142	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> , <b>2017</b> , 19, 4401-4412	3.3	22

141	Atom Efficient Preparation of Zinc Selenates for the Synthesis of Selenol Esters under "On Water" Conditions. <i>Molecules</i> , <b>2017</b> , 22,	4.8	10
140	Bonding Analysis in Homo- and Hetero-Trihalide Species: A Charge Displacement Study. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 3804-3812	2.3	8
139	Structural tailoring of the NIR-absorption of bis(1,2-dichalcogenolene) Ni/Pt electrochromophores deriving from 1,3-dimethyl-2-chalcogenoxo-imidazoline-4,5-dichalcogenolates. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 8206-8210	3.6	10
138	Coordination polymers and polygons using di-pyridyl-thiadiazole spacers and substituted phosphorodithioato Ni(II) complexes: potential and limitations for inorganic crystal engineering. <i>CrystEngComm</i> , <b>2016</b> , 18, 5620-5629	3.3	5
137	Oxamate salts as novel agents for the restoration of marble and limestone substrates: case study of ammonium N-phenyloxamate. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 2768-2774	3.6	8
136	Synthesis of Thiol Esters Using PhSZnBr as Sulfenylating Agent: A DFT-Guided Optimization of Reaction Conditions. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 2999-3005	3.2	6
135	1,4-Bis(2'-pyridylethynyl)benzene as a ligand in heteronuclear gold-thallium complexes. Influence of the ancillary ligands on their optical properties. <i>Dalton Transactions</i> , <b>2015</b> , 44, 6719-30	4.3	6
134	Synthesis, characterization and DFT-modeling of novel agents for the protection and restoration of historical calcareous stone substrates. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 448, 320-30	9.3	11
133	Solvatochromic fluorescent BODIPY derivative as imaging agent in camptothecin loaded hexosomes for possible theranostic applications. <i>RSC Advances</i> , <b>2015</b> , 5, 23443-23449	3.7	24
132	Zinc(II)-methimazole complexes: synthesis and reactivity. <i>Dalton Transactions</i> , <b>2015</b> , 44, 9805-14	4.3	6
131	On the Role of Chalcogen Donor Atoms in Diimine-Dichalcogenolate Pt(II) SONLO Chromophores: Is It Worth Replacing Sulfur with Selenium?. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 5163-5170	2.3	7
130	Dose-Dependent Effects of L-Arginine on PROP Bitterness Intensity and Latency and Characteristics of the Chemical Interaction between PROP and L-Arginine. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131104	2.7	20
129	Iodo(trisyl)sulfane: Reactivity of a Stable Alkanesulfonyl Iodide towards Antithyroid Drugs. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 1399-1406	2.3	7
128	New aminotetrazole derivatives as hydrogen bonding catalysts. A green and selective oxidation of organosulphides with H <sub>2</sub> O <sub>2</sub> in H <sub>2</sub> O. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 3622	3.6	8
127	Stereospecific generation of homochiral helices in coordination polymers built from enantiopure binaphthyl-based ligands. <i>CrystEngComm</i> , <b>2014</b> , 16, 8582-8590	3.3	14
126	Organoselenium(II) halides containing the pincer 2,6-(Me <sub>2</sub> NCH <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ligand--an experimental and theoretical investigation. <i>Dalton Transactions</i> , <b>2014</b> , 43, 2221-33	4.3	15
125	Different emissive properties in dithiolate gold(I) complexes as a function of the presence of phenylene spacers. <i>Dalton Transactions</i> , <b>2014</b> , 43, 6212-20	4.3	14
124	Reactivity of the drug methimazole and its iodine adduct with elemental zinc. <i>CrystEngComm</i> , <b>2014</b> , 16, 3613	3.3	4

123	Tetrazole amides as hydrogen-bonding donor catalysts in the chemoselective oxidation of sulphides and disulphides. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 1407	5.5	10
122	New PtII diimine-dithiolate complexes containing a 1,2-dithiolate-1,2-closo-dicarbododecarborane: an experimental and theoretical investigation. <i>Dalton Transactions</i> , <b>2014</b> , 43, 13649-60	4.3	9
121	Structure-activity relationships in cytotoxic Au(I)/Au(III) complexes derived from 2-(2'-pyridyl)benzimidazole. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 4068-80	5.1	17
120	A new bis-3-hydroxy-4-pyrone as a potential therapeutic iron chelating agent. Effect of connecting and side chains on the complex structures and metal ion selectivity. <i>Journal of Inorganic Biochemistry</i> , <b>2014</b> , 141, 132-143	4.2	25
119	Recent Advances of Structural Chemistry of Organoselenium and Organotellurium Compounds <b>2014</b> , 1-88		2
118	Gold Thione Complexes. <i>Inorganics</i> , <b>2014</b> , 2, 424-432	2.9	5
117	A fluorescent ratiometric nanosized system for the determination of Pd(II) in water. <i>Chemical Communications</i> , <b>2014</b> , 50, 15259-62	5.8	24
116	From (Phenylsulfanyl)cycloalkanecarbaldehydes to Optically Active Spirocyclic Tetrahydrofurans: Stereospecific Resolution of Symmetric Aldehydes through (S)-Proline-Catalysed Aldol Reaction. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 6659-6675	3.2	11
115	Searching for new aluminium chelating agents: a family of hydroxypyronone ligands. <i>Journal of Inorganic Biochemistry</i> , <b>2014</b> , 130, 112-21	4.2	26
114	Gold oxidative dissolution by (thioamide)-I <sub>2</sub> adducts. <i>Dalton Transactions</i> , <b>2013</b> , 42, 492-8	4.3	19
113	Zn <sup>2+</sup> /Cd <sup>2+</sup> optical discrimination by fluorescent chemosensors based on 8-hydroxyquinoline derivatives and sulfur-containing macrocyclic units. <i>Dalton Transactions</i> , <b>2013</b> , 42, 14516-30	4.3	48
112	First example of a 1:1 vanadium(IV)nitrate complex featuring the 2,2'-bipyridine co-ligand: Synthesis, X-ray crystal structure and DFT calculations. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 400, 107-114	2.7	12
111	Reactivity of fluoro-substituted bis(thiocarbonyl) donors with diiodine: an XRD, FT-Raman, and DFT investigation. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 3071-8	4.5	6
110	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> . <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 639-47	4.5	11
109	Marked increase in PROP taste responsiveness following oral supplementation with selected salivary proteins or their related free amino acids. <i>PLoS ONE</i> , <b>2013</b> , 8, e59810	3.7	43
108	CHAPTER 11.3:1,2-Dichalcogenolene Ligands and Related Metal Complexes <b>2013</b> , 127-179		3
107	Reactivity of phosphonodithioato-dppt Ni(II) mixed ligand complexes with halogens: first example of a metal-coordinating tribromide anion. <i>Dalton Transactions</i> , <b>2012</b> , 41, 6611-3	4.3	13
106	Cationic and anionic 1D chains based on NH <sup>+</sup> ?N charge-assisted hydrogen bonds in bipyridyl derivatives and polyiodides. <i>CrystEngComm</i> , <b>2012</b> , 14, 5809	3.3	13

105	Structural and DFT Studies of Dibromine and Diiodine Adducts of a Sulfur-Rich Thiocarbonyl Donor. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 2373-2380	2.3	9
104	Structure-Property Relationships in Pt(II) Diimine-Dithiolate Nonlinear Optical Chromophores Based on Arylethylene-1,2-dithiolate and 2-Thioxothiazoline-4,5-dithiolate. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 3577-3594	2.3	18
103	Adducts of S/Se Donors with Dihalogens as a Source of Information for Categorizing the Halogen Bonding. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 2769-2779	3.5	31
102	Bis(2-pyridylmethyl)alkyl(thioalkyl)diamines as promising scaffolds for the construction of fluorescent and redox chemosensors for transition and post-transition metal ions. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 381, 170-180	2.7	6
101	Oxidative properties of iodine-adducts of propylthiouracil and methimazole: direct synthesis of mercury(II) complexes from the reaction with liquid mercury. <i>Dalton Transactions</i> , <b>2011</b> , 40, 4505-13	4.3	27
100	Gold(III) complexes of asymmetrically aryl-substituted 1,2-dithiolene ligands featuring potential-controlled spectroscopic properties: an insight into the electronic properties of bis(pyren-1-yl-ethylene-1,2-dithiolato)gold(III). <i>Chemistry - an Asian Journal</i> , <b>2011</b> , 6, 198-208	4.5	20
99	Homopolynuclear Tl(I) and Heteropolynuclear Au(I) Complexes with Organodiselenone Ligands: Activation of Luminescence by Intermetallic Interactions. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 2288-2297	2.3	17
98	A unique case of oxidative addition of interhalogens IX (X=Cl, Br) to organodiselenone ligands: nature of the chemical bonding in asymmetric I-Se-X polarised hypervalent systems. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 11497-514	4.8	26
97	Colorimetric response to anions by a "robust" copper(II) complex of a [9]aneN3 pendant arm derivative: CN <sup>-</sup> and I <sup>-</sup> selective sensing. <i>Chemical Communications</i> , <b>2011</b> , 47, 3805-7	5.8	38
96	New group 11 complexes with metal-selenium bonds of methylphenylphosphane selenide: a solid state, solution and theoretical investigation. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12479-90	4.3	16
95	CT-adduct vs. pyridinium polyhalide salt formation in the reactions between polypyridyl donors and dihalogens: reactivity of 1,4-di-(3-pyridylethynyl)benzene towards Br <sub>2</sub> and I <sub>2</sub> . <i>CrystEngComm</i> , <b>2011</b> , 13, 6319	3.3	5
94	An experimental and theoretical investigation on hypervalent organoselenium(II) halides: Case study of [2-(Et <sub>2</sub> NCH <sub>2</sub> )C <sub>6</sub> H <sub>4</sub> ] <sub>n</sub> SeX (X=Cl, Br, I). <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 2837-2844 <sup>2-3</sup>	2.3	13
93	Kojic acid derivatives as powerful chelators for iron(III) and aluminium(III). <i>Dalton Transactions</i> , <b>2011</b> , 40, 5984-98	4.3	39
92	[Au <sub>2</sub> (phen(2Me)) <sub>2</sub> (ED) <sub>2</sub> ](PF <sub>6</sub> ) <sub>2</sub> , a Novel Dinuclear Gold(III) Complex Showing Excellent Antiproliferative Properties. <i>ACS Medicinal Chemistry Letters</i> , <b>2010</b> , 1, 336-9	4.3	75
91	Synthesis and characterization of novel gold(III) complexes of asymmetrically aryl-substituted 1,2-dithiolene ligands featuring potential-controlled spectroscopic properties. <i>Chemistry - an Asian Journal</i> , <b>2010</b> , 5, 1395-406	4.5	9
90	A selective, nontoxic, OFF-ON fluorescent molecular sensor based on 8-hydroxyquinoline for probing Cd(2+) in living cells. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 919-30	4.8	121
89	Syntheses, solid-state structures, solution behavior of hypervalent organobismuth(III) compounds [2-(Et <sub>2</sub> NCH <sub>2</sub> )C <sub>6</sub> H <sub>4</sub> ] <sub>n</sub> BiX <sub>3</sub> and DFT characterization of [2-(Me <sub>2</sub> NCH <sub>2</sub> )C <sub>6</sub> H <sub>4</sub> ] <sub>n</sub> BiX <sub>3</sub> [X = Cl, Br, I; n = 1]. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 850-862	2.3	26
88	From mono- to poly-substituted frameworks: a way of tuning the acidic character of C(c)-H in o-carborane derivatives. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 9755-63	4.8	34



87	Molecular Iodine Stabilization in an Extended N <sub>3</sub> N <sub>3</sub> N <sub>3</sub> N <sub>3</sub> N <sub>3</sub> Assembly. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 3667-3672	2.3	15
86	Synthesis and coordination properties of quinoline pendant arm derivatives of [9]aneN(3) and [9]aneN(2)S as fluorescent zinc sensors. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 9236-49	5.1	66
85	Investigation on the reactivity of dithiophosphonato/dithiophosphato Ni(II) complexes towards 2,4,6-tris(2-pyridyl)-1,3,5-triazine: developments and new perspectives. <i>Dalton Transactions</i> , <b>2009</b> , 2510-2013	4.3	10
84	Monoorganobismuth(III) dihalides containing the new pincer 2,6-[MeN(CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> NCH <sub>2</sub> ] <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ligand: solution NMR, vibrational and single-crystal X-ray studies. <i>Dalton Transactions</i> , <b>2009</b> , 77-84	4.3	31
83	Interaction of methimazole with I <sub>2</sub> : X-ray crystal structure of the charge transfer complex methimazole-I <sub>2</sub> . implications for the mechanism of action of methimazole-based antithyroid drugs. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 4050-3	8.3	35
82	Polyiodides and Polytellurides: Analogies and Differences. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2008</b> , 183, 1036-1045	1	5
81	Structural characterization, solution studies, and DFT calculations on a series of binuclear gold(III) oxo complexes: relationships to biological properties. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 2368-79	5.1	94
80	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 Cu(II), Zn(II), Pb(II), Cd(II), Ag(I), and Hg(II). <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8391-404	5.1	33
79	Reactions of Halogens/Interhalogens with Polypyridyl Substrates: The Case of 2,4,6-Tris(2-pyridyl)-1,3,5-triazine. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 3921-3928	2.3	26
78	Reactivity of lithium 2,3-dihydro-1-benzothiophene-1-oxide toward aldehydes and imines and DFT calculations. <i>Tetrahedron</i> , <b>2008</b> , 64, 6349-6357	2.4	3
77	Predictable and unpredictable reactions between 4,4'-dipyridyldisulfide and phosphonodithioato/dithiophosphato Ni(II) complexes: novel coordination polymers and the unique example of 4,4'-dipyridyltrisulfide. <i>CrystEngComm</i> , <b>2007</b> , 9, 873	3.3	47
76	New fluorescent chemosensors for heavy metal ions based on functionalized pendant arm derivatives of 7-anthracenylmethyl-1,4,10-trioxo-7,13-diazacyclopentadecane. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 8088-97	5.1	28
75	Tuning the selectivity/specificity of fluorescent metal ion sensors based on N <sub>2</sub> S <sub>2</sub> pyridine-containing macrocyclic ligands by changing the fluorogenic subunit: spectrofluorimetric and metal ion binding studies. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 4548-59	5.1	49
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73	Lithium 2,3-dihydro-1-benzothiophene-1,1-dioxide: synthesis, characterization, DFT calculations, and reactivity toward aldehydes and azomethines. <i>Tetrahedron</i> , <b>2007</b> , 63, 11122-11134	2.4	4
72	First example of a near-IR photodetector based on neutral [M(R-dmet) <sub>2</sub> ] bis(1,2-dithiolene) metal complexes. <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 191-194	3.1	29
71	Structural and new spectroscopic properties of neutral ([hbox{M(dmit)}_{bf 2}] (hbox{dmit} = hbox{C}_{bf 3} hbox{S}_{bf 5}^{bf 2-}), 1,3-dithiole-2-thione-4,5-dithiolate) and ([hbox{M}(hbox{H}_{bf 2}hbox{timdt})_{bf 2}](hbox{H}_{bf 2}hbox{timdt} = hbox{H}_{bf 2} hbox{C}_{bf 3} hbox{N}_{bf 2} hbox{S}_{bf 3}^{bf 1-})), monoanion of imidazolidine-2,4,5-trithione	1.9	9
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69	Trapping effects on the frequency response of dithiolene-based planar photodetectors. <i>Synthetic Metals</i> , <b>2007</b> , 157, 984-987	3.6	10
68	Investigation into the reactivity of the coordinatively unsaturated phosphonodithioato [Ni(MeOpdt) <sub>2</sub> ] towards 2,4,6-tris(2-pyridyl)-1,3,5-triazine: goals and achievements. <i>Dalton Transactions</i> , <b>2007</b> , 2127-34	4.3	17
67	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. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 1284-1290	3.5	13
66	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>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 200-206	2.3	16
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