

Bã;rbara Tirloni

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On the Use of Mercury Bis(Phenylselenolate) for the Synthesis of Polymeric Clusters: Synthesis and X-ray Structural Characterization of $[\text{Hg}_5\text{Cl}_3(\text{PhSe})_7]_n$, $[\text{Hg}_7\text{Cl}_3(\text{PhSe})_{11}]_n$ and $[\text{Hg}_7\text{Br}_3(\text{PhSe})_{11}]_n$. Journal of Cluster Science, 2009, 20, 467-479.	3.3	19
2	Synthesis, crystal structure, and optical characteristics of $[\text{Pd}_2\text{Hg}_4\text{Cl}_6\{\text{Te}(\text{DMB})\}_6] \cdot 2\text{DMF}$, $[\text{HgClTe}(\text{DMB})_4]_n$, and the ring-forming cluster $[\text{Pd}_{12}(\text{TePh})_{24}] \cdot 2\text{DMF}$. New Journal of Chemistry, 2014, 38, 2394-2399.	2.8	19
3	Synthesis, thermogravimetry, optical features and X-ray structural characterization of a new $\text{Hg}^{\text{II}}\text{Te}$ dinuclear cluster compound obtained using an ultrasonic bath. Journal of Organometallic Chemistry, 2013, 724, 135-138.	1.8	12
4	Synthesis and structural chemistry of CoII , CuI , CuI and PdII complexes containing a flexible monoselenoether ligand. New Journal of Chemistry, 2018, 42, 17185-17189.	2.8	11
5	Synthesis, crystal structure and optical features of new $\text{Hg}^{\text{II}}\text{Se}$ clusters. Polyhedron, 2013, 62, 126-132.	2.2	9
6	Exploring $\text{Te}^{\text{II}}\text{Te}$ Bond Cleavage with Palladium(II): Synthesis, X-ray Structural Characterization, and Optical Features of Telluroate and Telluroether Complexes of Palladium(II). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 239-245.	1.2	8
7	Synthesis and characterisation of $[\text{Cu}_4\text{In}(\text{PPh}_3)_3]_3\text{SePh}(\frac{1}{4}\text{-SePh})_3(\frac{1}{4}\text{-SePh})_3$, and its application as a precursor of a sensitizer for a photocatalyst. New Journal of Chemistry, 2019, 43, 14196-14201.	2.8	7
8	Oxidation of crude palladium powder by a diiodine adduct of (2-PyTe) ₂ to obtain the novel PdII complex $[\text{Pd}(\text{TePy}-2)(\text{I}_2\text{TePy}-2)]$. Inorganic Chemistry Communication, 2020, 118, 107966.	3.9	7
9	Synthesis and antimicrobial evaluation of coordination compounds containing 2,2'-bis(3-aminopyridyl) diselenide as ligand. Applied Organometallic Chemistry, 2020, 34, e5750.	3.5	7
10	Pyrazolylphosphinoyl nickel (II) complexes: synthesis, characterization and ethylene dimerization studies. Applied Organometallic Chemistry, 2019, 33, e4887.	3.5	6
11	Coordination compounds containing 2-pyridylselenium ligands: synthesis, structural characterization, and antibacterial evaluation. New Journal of Chemistry, 2021, 45, 12863-12870.	2.8	6
12	Synthesis and X-ray Structural Characterization of the Polymeric Cluster Compound $[\text{Hg}_3(\text{O})_2\text{SePh}(\text{SePh})_5]_n$. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1501-1503.	1.2	5
13	$\text{In}^{\text{II}}\text{E}^{\text{II}}\text{MI}$ ternary clusters (E = S, Se; MI = Cu, Ag): Synthesis, structural characterization and optical band gap energy evaluation. Polyhedron, 2015, 102, 759-763.	2.2	5
14	Fluorescence studies and photocatalytic application for hydrogen production of Zn^{II} and Cd^{II} complexes with isophthaloylbis(thioureas). New Journal of Chemistry, 2020, 44, 19598-19611.	2.8	5
15	Lead(II) thiocyanate reaction behaviour with hydrazones. Polyhedron, 2020, 188, 114707.	2.2	5
16	Intermolecular metallophilic interactions in palladium(II) chalcogenolate compounds – An experimental and theoretical study. Polyhedron, 2020, 177, 114315.	2.2	4
17	Synthesis and X-ray Structural Characterization of $\text{Di}^{\text{II}}\text{p}^{\text{II}}\text{aminobenzenediselenide}$ $[\text{p}^{\text{II}}\text{H}_2\text{NC}_6\text{H}_4\text{Se}]_2$ and its Mercury(II) Derivatives. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2571-2576.	1.2	3
18	Nuclearity growth of new Pd^{II} complexes induced by the electronic effect of selenium-containing ligands. New Journal of Chemistry, 2021, 45, 19255-19263.	2.8	3

#	ARTICLE	IF	CITATIONS
19	Lead(II) compounds with neutral coordination of semicarbazones: Synthesis and characterization. <i>Inorganica Chimica Acta</i> , 2022, 533, 120785.	2.4	3
20	Organically templated zinc selenite compounds: synthesis, structural chemistry and DFT calculations. <i>New Journal of Chemistry</i> , 2020, 44, 6699-6703.	2.8	2
21	Neutral 4-phenyl-1-[phenyl(pyridin-2-yl)methylidene]semicarbazide and its salt forms with inorganic anions. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1-7.	0.5	1
22	Molecular and Polymeric Metal(II) chalcogenolate clusters: synthesis and structural characterization. <i>Journal of Molecular Structure</i> , 2021, 1232, 130083.	3.6	1