

# Bã;rbara Tirloni

## List of Publications by Year in descending order

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22  
papers

148  
citations

1307594

7  
h-index

1281871

11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lead(II) compounds with neutral coordination of semicarbazones: Synthesis and characterization. <i>Inorganica Chimica Acta</i> , 2022, 533, 120785.	2.4	3
2	Coordination compounds containing 2-pyridylselenium ligands: synthesis, structural characterization, and antibacterial evaluation. <i>New Journal of Chemistry</i> , 2021, 45, 12863-12870.	2.8	6
3	Nuclearity growth of new Pd <sup>II</sup> complexes induced by the electronic effect of selenium-containing ligands. <i>New Journal of Chemistry</i> , 2021, 45, 19255-19263.	2.8	3
4	Molecular and Polymeric Metal(II) chalcogenolate clusters: synthesis and structural characterization. <i>Journal of Molecular Structure</i> , 2021, 1232, 130083.	3.6	1
5	Intermolecular metallophilic interactions in palladium(II) chalcogenolate compounds – An experimental and theoretical study. <i>Polyhedron</i> , 2020, 177, 114315.	2.2	4
6	Fluorescence studies and photocatalytic application for hydrogen production of Zn <sup>II</sup> and Cd <sup>II</sup> complexes with isophthaloylbis(thioureas). <i>New Journal of Chemistry</i> , 2020, 44, 19598-19611.	2.8	5
7	Lead(II) thiocyanate reaction behaviour with hydrazones. <i>Polyhedron</i> , 2020, 188, 114707.	2.2	5
8	Oxidation of crude palladium powder by a diiodine adduct of (2-PyTe) <sub>2</sub> to obtain the novel PdII complex [PdI(TePy-2)(I <sub>2</sub> TePy-2)]. <i>Inorganic Chemistry Communication</i> , 2020, 118, 107966.	3.9	7
9	Synthesis and antimicrobial evaluation of coordination compounds containing 2,2'-bis(3-aminopyridyl) diselenide as ligand. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5750.	3.5	7
10	Organically templated zinc selenite compounds: synthesis, structural chemistry and DFT calculations. <i>New Journal of Chemistry</i> , 2020, 44, 6699-6703.	2.8	2
11	Synthesis and characterisation of [Cu <sub>4</sub> In(PPH) <sub>3</sub> SePh(1/4-SePh) <sub>3</sub> ], <sub>7</sub> and its application as a precursor of a sensitizer for a photocatalyst. <i>New Journal of Chemistry</i> , 2019, 43, 14196-14201.	2.8	7
12	Pyrazolylphosphinoyl nickel (II) complexes: synthesis, characterization and ethylene dimerization studies. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4887.	3.5	6
13	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
14	Synthesis and structural chemistry of CoII, CuII, AgI and PdII complexes containing a flexible monoselenoether ligand. <i>New Journal of Chemistry</i> , 2018, 42, 17185-17189.	2.8	11
15	Exploring Te–Te Bond Cleavage with Palladium(II): Synthesis, X-ray Structural Characterization, and Optical Features of Telluroate and Telluroether Complexes of Palladium(II). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 239-245.	1.2	8
16	In–E–MI ternary clusters (E = S, Se; MI= Cu, Ag): Synthesis, structural characterization and optical band gap energy evaluation. <i>Polyhedron</i> , 2015, 102, 759-763.	2.2	5
17	Synthesis, crystal structure, and optical characteristics of [Pd <sub>2</sub> Hg <sub>4</sub> Cl <sub>6</sub> {Te(DMB)} <sub>6</sub> ] <sub>2</sub> ·2DMF, [HgClTe(DMB)] <sub>4</sub> , and the ring-forming cluster [Pd <sub>12</sub> (TePh) <sub>24</sub> ] <sub>2</sub> ·2DMF. <i>New Journal of Chemistry</i> , 2014, 38, 2394-2399.	2.8	19
18	Synthesis and X-ray Structural Characterization of Di-aminobenzenediselenide [C <sub>2</sub> H <sub>2</sub> NC <sub>6</sub> H <sub>4</sub> Se] <sub>2</sub> and its Mercury(II) Derivatives. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2571-2576.	1.2	3

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19	Synthesis, thermogravimetry, optical features and X-ray structural characterization of a new Hg <sup>II</sup> Te dinuclear cluster compound obtained using an ultrasonic bath. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 135-138.	1.8	12
20	Synthesis, crystal structure and optical features of new Hg <sup>II</sup> Se clusters. <i>Polyhedron</i> , 2013, 62, 126-132.	2.2	9
21	Synthesis and X-ray Structural Characterization of the Polymeric Cluster Compound [Hg <sub>3</sub> (O <sub>2</sub> SePh)(SePh) <sub>5</sub> ] <sub>n</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 1501-1503.	1.2	5
22	On the Use of Mercury Bis(Phenylselenolate) for the Synthesis of Polymeric Clusters: Synthesis and X-ray Structural Characterization of [Hg <sub>5</sub> Cl <sub>3</sub> (PhSe) <sub>7</sub> ] <sub>n</sub> , [Hg <sub>7</sub> Cl <sub>3</sub> (PhSe) <sub>11</sub> ] <sub>n</sub> and [Hg <sub>7</sub> Br <sub>3</sub> (PhSe) <sub>11</sub> ] <sub>n</sub> . <i>Journal of Cluster Science</i> , 2009, 20, 467-479.	3.3	19