

# Vito Lippolis

## List of Publications by Citations

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#	Paper	IF	Citations
296	1,10-Phenanthroline: A versatile building block for the construction of ligands for various purposes. <i>Coordination Chemistry Reviews</i> , <b>2010</b> , 254, 2096-2180	23.2	348
295	Fluorometric chemosensors. Interaction of toxic heavy metal ions Pb(II), Cd(II), and Hg(II) with novel mixed-donor phenanthroline-containing macrocycles: spectrofluorometric, conductometric, and crystallographic studies. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6623-32	5.1	145
294	Template self-assembly of polyiodide networks. <i>Chemical Society Reviews</i> , <b>1998</b> , 27, 195	58.5	142
293	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
292	Anti-thyroid drug methimazole: X-ray characterization of two novel ionic disulfides obtained from its chemical oxidation by I(2). <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 4538-9	16.4	88
291	Drug-loaded fluorescent cubosomes: versatile nanoparticles for potential theranostic applications. <i>Langmuir</i> , <b>2013</b> , 29, 6673-9	4	83
290	Tailoring cyclic polyamines for inorganic/organic phosphate binding. <i>Chemical Society Reviews</i> , <b>2010</b> , 39, 3709-28	58.5	80
289	On the Use of Raman Spectroscopy in the Characterization of Iodine in Charge-Transfer Complexes. <i>Applied Spectroscopy</i> , <b>1992</b> , 46, 1625-1629	3.1	80
288	A selective optode membrane for silver ion based on fluorescence quenching of the dansylamidopropyl pendant arm derivative of 1-aza-4,7,10-trithiacyclododecane ([12]aneNS3). <i>Sensors and Actuators B: Chemical</i> , <b>2006</b> , 113, 892-899	8.5	79
287	Conductivity, FT-Raman spectra, and x-ray crystal structures of two novel [D2]In (n = 3 and D = N-methylbenzothiazole-2(3H)-selone; n = 7 and D = N-methylbenzothiazole-2(3H)-thione) iodonium salts. First example of I-3I2 heptaiodide. <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 3694-3699	5.1	79
286	Cancer-cell-targeted theranostic cubosomes. <i>Langmuir</i> , <b>2014</b> , 30, 6228-36	4	78
285	Novel fluorimetric bulk optode membrane based on a dansylamidopropyl pendant arm derivative of 1-aza-4,10-dithia-7-oxacyclododecane ([12]aneNS2O) for selective subnanomolar detection of Hg(II) ions. <i>Analytica Chimica Acta</i> , <b>2005</b> , 533, 17-24	6.6	76
284	New [M(R,R'Imdt)2] Metal-Dithiolenes and Related Compounds (M = Ni, Pd, Pt; R,R'Imdt = Monoanion of Disubstituted Imidazolidine-2,4,5-trithiones): An Experimental and Theoretical Investigation. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 7098-7107	16.4	76
283	A BINOL-based chiral polyammonium receptor for highly enantioselective recognition and fluorescence sensing of (S,S)-tartaric acid in aqueous solution. <i>Chemical Communications</i> , <b>2012</b> , 48, 10428-30	5.8	71
282	Probing biologically and environmentally important metal ions with fluorescent chemosensors: Thermodynamic versus optical response selectivity in some study cases. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 149-169	23.2	68
281	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
280	Synthesis, Characterization, and Crystal Structures of New Dications Bearing the -Se-Se- Bridge. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 3194-3201	5.1	64

279	Multimodal use of new coumarin-based fluorescent chemosensors: towards highly selective optical sensors for Hg(2+) probing. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 14639-53	4.8	62
278	Coordination properties of new bis(1,4,7-triazacyclononane) ligands: a highly active dizinc complex in phosphate diester hydrolysis. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 6929-39	5.1	62
277	Mechanistic aspects of the reaction between Br <sub>2</sub> and chalcogenone donors (LE; E=S, Se): competitive formation of 10-E-3, T-shaped 1:1 molecular adducts, charge-transfer adducts, and [(LE) <sub>2</sub> ] <sup>2+</sup> dications. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 3122-33	4.8	61
276	Charge-transfer adducts between donors containing chalcogens (S and Se) and di-iodine: solution studies. <i>Coordination Chemistry Reviews</i> , <b>1999</b> , 184, 271-290	23.2	60
275	FT-Raman Study on Charge-Transfer Polyiodide Complexes and Comparison with Resonance Raman Results. <i>Applied Spectroscopy</i> , <b>1994</b> , 48, 1236-1241	3.1	60
274	Selective and efficient syntheses of phototoxic 2,2':5',2'-terthiophene derivatives bearing a functional substituent in the 3'- or the 5-position. <i>Tetrahedron</i> , <b>1991</b> , 47, 8443-8460	2.4	59
273	Tuning selenium-iodine contacts: from secondary soft-soft interactions to covalent bonds. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 623, 14-28	2.3	58
272	Novel Ag <sup>+</sup> ion-selective electrodes based on two new mixed azathioether crowns containing a 1,10-phenanthroline sub-unit. <i>Analytica Chimica Acta</i> , <b>2002</b> , 462, 225-234	6.6	57
271	Docetaxel-Loaded Fluorescent Liquid-Crystalline Nanoparticles for Cancer Theranostics. <i>Langmuir</i> , <b>2015</b> , 31, 9566-75	4	56
270	Syntheses, X-ray Crystal Structures, and Spectroscopic Properties of New Nickel Dithiolenes and Related Compounds. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 1218-1226	5.1	54
269	Charge-Transfer Complexes of N-Methylthiazolidine-2(3H)-selone (1) and N-Methylbenzothiazole-2(3H)-selone (2) with I <sub>2</sub> and IBr: Crystal Structures of 1.cntdot.I <sub>2</sub> , 1.cntdot.I1.25Br0.75, 2.cntdot.2I <sub>2</sub> and 2.cntdot.2IBr. <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 6315-6324	5.1	54
268	Photoinduced conductivity and nonlinear optical properties of [M(R,R'-timdt) <sub>2</sub> ] dithiolenes (M=Ni, Pd, Pt; R,R'-timdt=monoreduced imidazolidine-2,4,5-trithione) as materials for optically driven switches and photodetectors. <i>Inorganic Chemistry Communication</i> , <b>2002</b> , 5, 869-872	3.1	52
267	Redox chemosensors: coordination chemistry towards CuI, ZnII, CdII, HgII, and PbII of 1-aza-4,10-dithia-7-oxacyclododecane ([12]aneNS <sub>2</sub> O) and its N-ferrocenylmethyl derivative. <i>Dalton Transactions</i> , <b>2003</b> , 901-909	4.3	52
266	PVC membrane and coated graphite potentiometric sensors based on Et <sub>4</sub> todit for selective determination of samarium(III). <i>Analytical Chemistry</i> , <b>2003</b> , 75, 5680-6	7.8	50
265	Oxidovanadium(V) complexes containing hydrazone based O,N,O-donor ligands: Synthesis, structure, catalytic properties and theoretical calculations. <i>Polyhedron</i> , <b>2014</b> , 69, 90-102	2.7	49
264	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
263	Cubosome formulations stabilized by a dansyl-conjugated block copolymer for possible nanomedicine applications. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 129, 87-94	6	48
262	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

- 261 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. *CrystEngComm*, **2007**, 9, 873 3.3 47
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- 257 An efficient and selective fluorescent chemical sensor based on 5-(8-hydroxy-2-quinolinylmethyl)-2,8-dithia-5-aza-2,6-pyridinophane as a new fluoroionophore for determination of iron(III) ions. A novel probe for iron speciation. *Analytica Chimica Acta*, **2013**, 761, 169-77 6.6 44
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- 254 1,2-Bis(3-methyl-imidazolin-2-ylum iodobromoselenanide)ethane: Oxidative Addition of IBr at the Se Atom of a >C=Se Group. *Angewandte Chemie - International Edition*, **2001**, 40, 4229-4232 16.4 43
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- 252 Silver ion imprinted polymer nanobeads based on a aza-thioether crown containing a 1,10-phenanthroline subunit for solid phase extraction and for voltammetric and potentiometric silver sensors. *Analytica Chimica Acta*, **2014**, 852, 223-35 6.6 42
- 251 A new family of bis-ureidic receptors for pyrophosphate optical sensing. *Organic and Biomolecular Chemistry*, **2013**, 11, 2445-51 3.9 42
- 250 Metal-induced pre-organisation for anion recognition in a neutral platinum-containing receptor. *Chemical Communications*, **2009**, 6279-81 5.8 42
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- 240 Separation, preconcentration and determination of trace amounts of silver ion in aqueous samples using octadecyl silica membrane disks modified with some recently synthesized mixed aza-thioether crowns containing 1,10-phenanthroline sub-unit and atomic absorption spectrometry. *Journal of Analytical Chemistry*, **2009**, 36, 141-147 8.3 38
- 239 Template Assembly of Polyiodide Networks at Complexed Metal Cations: Synthesis and Structures of [Pd Cl ([18]aneN S ) ] I (I) and [K([15]aneO ) ]I. *Angewandte Chemie - International Edition*, **1998**, 37, 293-296 16.4 37
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- 230 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). *Inorganic Chemistry*, **2008**, 47, 8391-404 5.1 33
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- 222 Adducts of S/Se Donors with Dihalogens as a Source of Information for Categorizing the Halogen Bonding. *Crystal Growth and Design*, **2012**, 12, 2769-2779 3.5 31
- 221 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. *Dalton Transactions*, **2009**, 77-84 4.3 31
- 220 Cadmium(II), bismuth(III), lead(II) and thallium(I) crown thioether chemistry: synthesis and crystal structures of  $[(\text{CdI})_2]_2([\text{24}]_{\text{aneS8}})$ ,  $[(\text{BiCl}_3)_2([\text{24}]_{\text{aneS8}})]$ ,  $[\text{Pb}_2([\text{28}]_{\text{aneS8}})][\text{ClO}_4]_4$  and  $[\text{Tl}([\text{24}]_{\text{aneS8}})]\text{PF}_6$  ( $[\text{24}]_{\text{aneS8}}$  = 1,4,7,10,13,16,19,22-octathiacyclotetacosane;  $[\text{28}]_{\text{aneS8}}$  = 1,4,7,10,13,16,19,22-octathiacyclotetacosane) *Journal of the Chemical Society Dalton Transactions*, **2009**, 1085-1092 31
- 219 Synthesis, X-ray crystal structure and spectroscopic characterization of the new dithiolene  $[\text{Pd}(\text{Et}_2\text{timdt})_2]$  and of its adduct with molecular diiodine  $[\text{Pd}(\text{Et}_2\text{timdt})_2]_2\text{I}_2\text{CHCl}_3$  (Et<sub>2</sub>timdt = monoanion of 1,3-diethylimidazolidine-2,4,5-trithione). *Journal of the Chemical Society Dalton Transactions*, **1998**, 3731-3736 31
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