

# Vronique Patinec

## List of Publications by Citations

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**Version:** 2024-04-28

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23  
papers

473  
citations

12  
h-index

21  
g-index

25  
ext. papers

560  
ext. citations

4.8  
avg, IF

3.11  
L-index

#	Paper	IF	Citations
23	Elastic Frustration Triggering Photoinduced Hidden Hysteresis and Multistability in a Two-Dimensional Photoswitchable Hofmann-Like Spin-Crossover Metal-Organic Framework. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 11652-11661	5.1	76
22	Guidelines to design new spin crossover materials. <i>Coordination Chemistry Reviews</i> , <b>2010</b> , 254, 1559-1569	3.2	48
21	Picolinate-containing macrocyclic Mn <sup>2+</sup> complexes as potential MRI contrast agents. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 5136-49	5.1	42
20	Monopicolinate-dipicolyl derivative of triazacyclononane for stable complexation of Cu <sup>2+</sup> and 64Cu <sup>2+</sup> . <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5246-59	5.1	42
19	Hyperfine coupling constants on inner-sphere water molecules of a triazacyclononane-based Mn(II) complex and related systems relevant as MRI contrast agents. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 11173-84	5.1	39
18	Macrocyclic spin-crossover materials. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 10416-23	5.1	33
17	Gd(3+)-Based Magnetic Resonance Imaging Contrast Agent Responsive to Zn(2+). <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10342-50	5.1	26
16	Lanthanide Complexes with Heteroditopic Ligands as Fluorescent Zinc Sensors. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 1072-1081	2.3	25
15	Improving the stability and inertness of Cu(II) and Cu(I) complexes with methylthiazolyl ligands by tuning the macrocyclic structure. <i>Dalton Transactions</i> , <b>2016</b> , 45, 7406-20	4.3	17
14	Definition of the Labile Capping Bond Effect in Lanthanide Complexes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 1110-1117	4.8	17
13	Dinuclear Spin-Crossover Complexes Based on Tetradentate and Bridging Cyanocarbanion Ligands. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9038-46	5.1	16
12	1,4,7-Triazacyclononane-Based Bifunctional Picolinate Ligands for Efficient Copper Complexation. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 2435-2443	2.3	12
11	Cyclams with Ambidentate Methylthiazolyl Pendants for Stable, Inert, and Selective Cu(II) Coordination. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 619-32	5.1	12
10	Unexpected Trends in the Stability and Dissociation Kinetics of Lanthanide(III) Complexes with Cyclen-Based Ligands across the Lanthanide Series. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8184-8195	5.1	11
9	Magnetic Bistability in Macrocyclic-Based Fe(II) Spin-Crossover Complexes: Counter Ion and Solvent Effects. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 5305-5314	2.3	11
8	Cationic Biphotonic Lanthanide Luminescent Bioprobes Based on Functionalized Cross-Bridged Cyclam Macrocycles. <i>ChemPhysChem</i> , <b>2020</b> , 21, 1036-1043	3.2	9
7	Isomerism as a remarkable tool for the design of new potentially bridging macrocyclic ligands: Synthesis and characterization of the [Cu(4-L1)](NO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O polymeric chain (4-L1=mono-N(4-picolyl)cyclen). <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 1314-1316	3.1	9

- 6 Methylthiazolyl Tacn Ligands for Copper Complexation and Their Bifunctional Chelating Agent Derivatives for Bioconjugation and Copper-64 Radiolabeling: An Example with Bombesin. *Inorganic Chemistry*, **2019**, 58, 2669-2685 5.1 8
- 5 exo-Diastereoisomer of 10-aryl-1,4,7-triazabicyclo[5.2.1]decane as intermediary in specific derivatisation of triazacyclononane. *Tetrahedron*, **2012**, 68, 5637-5643 2.4 8
- 4 Synthesis of an unsymmetrical N-functionalized triazacyclononane ligand and its Cu(II) complex. *Inorganica Chimica Acta*, **2014**, 417, 201-207 2.7 5
- 3 Picolinate-appended tacn complexes for bimodal imaging: Radiolabeling, relaxivity, photophysical and electrochemical studies. *Journal of Inorganic Biochemistry*, **2020**, 205, 110978 4.2 3
- 2 endo- versus exo-Cyclic coordination in copper complexes with methylthiazolylcarboxylate tacn derivatives. *Dalton Transactions*, **2019**, 48, 8740-8755 4.3 2
- 1 Spin Cross-Over (SCO) Complex Based on Unsymmetrical Functionalized Triazacyclononane Ligand: Structural Characterization and Magnetic Properties. *Magnetochemistry*, **2019**, 5, 19 3.1 2