

# Lorraine Christ

## List of Publications by Year in descending order

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9  
papers

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#	ARTICLE	IF	CITATIONS
1	Green acetalization of glycerol and carbonyl catalyzed by FeCl <sub>3</sub> ·6H <sub>2</sub> O. <i>Molecular Catalysis</i> , 2017, 438, 204-213.	1.0	44
2	New zinc/tetradentate N <sub>4</sub> ligand complexes: Efficient catalysts for solvent-free preparation of cyclic carbonates by CO <sub>2</sub> /epoxide coupling. <i>Molecular Catalysis</i> , 2018, 456, 87-95.	1.0	33
3	Novel chromium (III) complexes with N <sub>4</sub> -donor ligands as catalysts for the coupling of CO <sub>2</sub> and epoxides in supercritical CO <sub>2</sub> . <i>Journal of Molecular Catalysis A</i> , 2014, 381, 161-170.	4.8	27
4	Robust pyrrole-Schiff base Zinc complexes as novel catalysts for the selective cycloaddition of CO <sub>2</sub> to epoxides. <i>Journal of CO<sub>2</sub> Utilization</i> , 2021, 44, 101380.	3.3	19
5	Coordination chemistry of Zn <sup>2+</sup> with Sal(ph)en ligands: Tetrahedral coordination or penta-coordinate? a DFT analysis. <i>Journal of Computational Chemistry</i> , 2019, 40, 717-725.	1.5	15
6	Mild and efficient protection of diol and carbonyls as cyclic acetals catalysed by iron (III) chloride. <i>Comptes Rendus Chimie</i> , 2011, 14, 525-529.	0.2	10
7	Unexpected Structure of a Helical N <sub>4</sub> -Schiff Base Zn(II) Complex and Its Demetallation: Experimental and Theoretical Studies. <i>ChemPhysChem</i> , 2018, 19, 2938-2946.	1.0	10
8	Ill-advised self-interaction contribution in modelling anionic attack along a reaction path. <i>Molecular Physics</i> , 2016, 114, 1066-1075.	0.8	3
9	Relaxation of Kohn-Sham orbitals of organometallic complexes during the approach of a nucleophilic reactant (or an electron approach): the case of [sal(ph)en] <sub>2</sub> Zn complexes. <i>Theoretical Chemistry Accounts</i> , 2020, 139, 1.	0.5	3