

# Luzia S Germann

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,047  
citations

471061

17  
h-index

642321

23  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1396  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In Situ</i> Monitoring and Mechanism of the Mechanochemical Formation of a Microporous MOF-74 Framework. <i>Journal of the American Chemical Society</i> , 2016, 138, 2929-2932.	6.6	194
2	Rational Synthesis of Mixed-Metal Microporous Metal-Organic Frameworks with Controlled Composition Using Mechanochemistry. <i>Chemistry of Materials</i> , 2019, 31, 5494-5501.	3.2	96
3	Tuning the stacking behaviour of a 2D covalent organic framework through non-covalent interactions. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1354-1361.	3.2	95
4	Controlling the Polymorphism and Topology Transformation in Porphyrinic Zirconium Metal-Organic Frameworks via Mechanochemistry. <i>Journal of the American Chemical Society</i> , 2019, 141, 19214-19220.	6.6	73
5	Synthesis, structures, magnetic, and theoretical investigations of layered Co and Ni thiocyanate coordination polymers. <i>Dalton Transactions</i> , 2016, 45, 18190-18201.	1.6	71
6	Green and rapid mechanosynthesis of high-porosity NU- and UiO-type metal-organic frameworks. <i>Chemical Communications</i> , 2018, 54, 6999-7002.	2.2	63
7	Challenging the Ostwald rule of stages in mechanochemical cocrystallisation. <i>Chemical Science</i> , 2020, 11, 10092-10100.	3.7	49
8	Structures, Thermodynamic Relations, and Magnetism of Stable and Metastable Ni(NCS) <sub>2</sub> Coordination Polymers. <i>Inorganic Chemistry</i> , 2018, 57, 3305-3314.	1.9	45
9	Real-Time <i>In Situ</i> Monitoring of Particle and Structure Evolution in the Mechanochemical Synthesis of UiO-66 Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2020, 20, 49-54.	1.4	42
10	<i>In situ</i> monitoring of mechanochemical synthesis of calcium urea phosphate fertilizer cocrystal reveals highly effective water-based autocatalysis. <i>Chemical Science</i> , 2020, 11, 2350-2355.	3.7	40
11	Supercritical Carbon Dioxide Enables Rapid, Clean, and Scalable Conversion of a Metal Oxide into Zeolitic Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2018, 18, 3222-3228.	1.4	36
12	<i>In situ</i> monitoring of mechanochemical covalent organic framework formation reveals templating effect of liquid additive. <i>CheM</i> , 2021, 7, 1639-1652.	5.8	36
13	Solid-State Reversible Nucleophilic Addition in a Highly Flexible MOF. <i>Journal of the American Chemical Society</i> , 2015, 137, 13072-13078.	6.6	35
14	Toward Mechanistic Understanding of Mechanochemical Reactions Using Real-Time <i>In Situ</i> Monitoring. <i>Accounts of Chemical Research</i> , 2022, 55, 1262-1277.	7.6	34
15	Thermal Transformation of a Zero-Dimensional Thiocyanate Precursor into a Ferromagnetic Three-Dimensional Coordination Network via a Layered Intermediate. <i>Crystal Growth and Design</i> , 2017, 17, 3997-4005.	1.4	31
16	Synthesis, Structures and Properties of Cobalt Thiocyanate Coordination Compounds with 4-(hydroxymethyl)pyridine as Co-ligand. <i>Crystals</i> , 2016, 6, 38.	1.0	18
17	Open versus Interpenetrated: Switchable Supramolecular Trajectories in Mechanosynthesis of a Halogen-Bonded Borromean Network. <i>CheM</i> , 2021, 7, 146-154.	5.8	17
18	Monitoring polymer-assisted mechanochemical cocrystallisation through <i>in situ</i> X-ray powder diffraction. <i>Chemical Communications</i> , 2020, 56, 8743-8746.	2.2	15

#	ARTICLE	IF	CITATIONS
19	CdX <sub>2</sub> Coordination Polymers with 2-Chloropyrazine and 2-Methylpyrazine: Similar Ligands " Similar Structures " Different Reactivity. European Journal of Inorganic Chemistry, 2017, 2017, 1245-1255.	1.0	14
20	Synthesis, Crystal Structures, and Properties of <i>M</i> (NCS) <sub>2</sub> ·3-aminomethylpyridine Coordination Compounds ( <i>M</i> = Cd, Zn). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1904-1912.	0.6	12
21	Trimorphism of Zn(NCS) <sub>2</sub> (4-dimethylaminopyridine) <sub>2</sub> : Crystal Structures, Thermodynamic Relations, and Comparison with the Co(II) Polymorphs. Crystal Growth and Design, 2019, 19, 1134-1143.	1.4	12
22	On the Crystal Structure of a Previously Unknown Anhydrous Zinc Hydroxide Sulfate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 255-259.	0.6	11
23	Synthesis, Structures, and Physical Properties of Thiocyanate Coordination Compounds with 3-Hydroxymethylpyridine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1497-1507.	0.6	5