

# Jennifer Ludwig

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

165  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

224  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Recent progress and developments in lithium cobalt phosphate chemistry- Syntheses, polymorphism and properties. <i>Journal of Power Sources</i> , 2018, 382, 101-115.  | 7.8 | 43        |
| 2 | Synthesis and characterization of metastable, 20 nm-sized Pna 2 1 -LiCoPO <sub>4</sub> nanospheres. <i>Journal of Solid State Chemistry</i> , 2017, 248, 9-17.   | 2.9 | 13        |
| 3 | Particle size-controllable microwave-assisted solvothermal synthesis of the high-voltage cathode material LiCoPO <sub>4</sub> using water/ethylene glycol solvent blends. <i>Solid State Sciences</i> , 2017, 65, 100-109.           | 3.2 | 23        |
| 4 | Direct synthesis and characterization of mixed-valent Li <sub>0.5</sub> CoPO <sub>4</sub> , a Li-deficient derivative of the Cmcm polymorph of LiCoPO <sub>4</sub> . <i>RSC Advances</i> , 2017, 7, 28069-28081.                     | 3.6 | 6         |
| 5 | Morphology-controlled microwave-assisted solvothermal synthesis of high-performance LiCoPO <sub>4</sub> as a high-voltage cathode material for Li-ion batteries. <i>Journal of Power Sources</i> , 2017, 342, 214-223.               | 7.8 | 38        |
| 6 | Co <sub>11</sub> Li[(OH) <sub>5</sub> O][(PO <sub>3</sub> OH)(PO <sub>4</sub> ) <sub>5</sub> ], a Lithium-Stabilized, Mixed-Valent Cobalt(II,III) Hydroxide Phosphate Framework. <i>Inorganic Chemistry</i> , 2017, 56, 10950-10961. | 4.0 | 7         |
| 7 | In Situ Studies and Magnetic Properties of the Cmcm Polymorph of LiCoPO <sub>4</sub> with a Hierarchical Dumbbell-Like Morphology Synthesized by Easy Single-Step Polyol Synthesis. <i>Inorganics</i> , 2016, 4, 35.                 | 2.7 | 7         |
| 8 | Facile, ethylene glycol-promoted microwave-assisted solvothermal synthesis of high-performance LiCoPO <sub>4</sub> as a high-voltage cathode material for lithium-ion batteries. <i>RSC Advances</i> , 2016, 6, 82984-82994.         | 3.6 | 28        |