

# Jeffrey W Lengyel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4815011/publications.pdf>

Version: 2024-02-01

9  
papers

361  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

755  
citing authors

| # | ARTICLE  | IF   | CITATIONS |
|---|--|------|-----------|
| 1 | Crystal Structure Prediction via Deep Learning. <i>Journal of the American Chemical Society</i> , 2018, 140, 10158-10168.  | 13.7 | 241       |
| 2 | Competitive coordination aggregation for V-shaped [Co <sub>3</sub> ] and disc-like [Co <sub>7</sub> ] complexes: synthesis, magnetic properties and catechol oxidase activity. <i>Dalton Transactions</i> , 2016, 45, 13576-13589. | 3.3  | 33        |
| 3 | Radical Dimerization in a Plastic Organic Crystal Leads to Structural and Magnetic Bistability with Wide Thermal Hysteresis. <i>Journal of the American Chemical Society</i> , 2019, 141, 17989-17994.                             | 13.7 | 31        |
| 4 | Heteroleptic Fe(II) Complexes with N <sub>4</sub> S <sub>2</sub> Coordination as a Platform for Designing Spin-Crossover Materials. <i>Inorganic Chemistry</i> , 2017, 56, 11096-11103.  | 4.0  | 17        |
| 5 | Two types of nitrito support for $\mu_4$ -oxido-bridged [Cu <sub>4</sub> ] complexes: synthesis, crystal structures, magnetic properties and DFT analysis. <i>Dalton Transactions</i> , 2015, 44, 6107-6117.                       | 3.3  | 13        |
| 6 | Power of Three: Incremental Increase in the Ligand Field Strength of <i>N</i> -Alkylated 2,2'-Biimidazoles Leads to Spin Crossover in Homoleptic Tris-Chelated Fe(II) Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 5183-5193. | 4.0  | 8         |
| 7 | From lithium to sodium: design of heterometallic molecular precursors for the NaMO <sub>2</sub> cathode materials. <i>Chemical Communications</i> , 2019, 55, 7243-7246.   | 4.1  | 7         |
| 8 | Antiferroelectric Phase Transition in a Proton-Transfer Salt of Squaric Acid and 2,3-Dimethylpyrazine. <i>Journal of the American Chemical Society</i> , 2019, 141, 16279-16287.   | 13.7 | 6         |
| 9 | Directed synthesis and magnetic properties of a hexanuclear ferric cluster. <i>Polyhedron</i> , 2018, 151, 446-451.  | 2.2  | 4         |