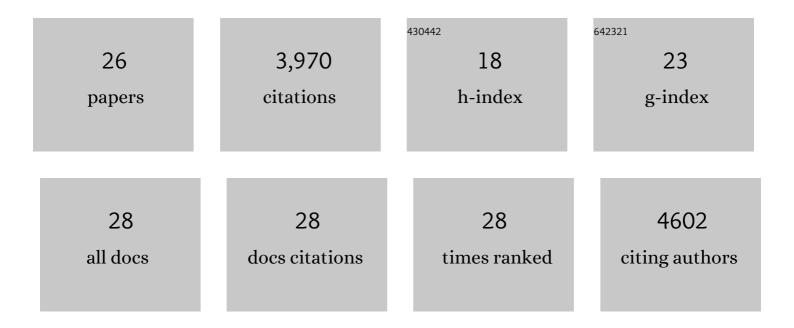
Leopold Talirz

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Data-Driven Matching of Experimental Crystal Structures and Gas Adsorption Isotherms of Metal–Organic Frameworks. Journal of Chemical & Engineering Data, 2022, 67, 1743-1756. | 1.0 | 6 |
| 2 | AiiDAlab – an ecosystem for developing, executing, and sharing scientific workflows. Computational Materials Science, 2021, 188, 110165. | 1.4 | 40 |
| 3 | OPTIMADE, an API for exchanging materials data. Scientific Data, 2021, 8, 217. | 2.4 | 49 |
| 4 | Virtual Computational Chemistry Teaching Laboratories—Hands-On at a Distance. Journal of Chemical Education, 2021, 98, 3163-3171. | 1.1 | 15 |
| 5 | Trends in atomistic simulation software usage [Article v1.0]. Living Journal of Computational Molecular Science, 2021, 3, . | 2.2 | 7 |
| 6 | Too Many Materials and Too Many Applications: An Experimental Problem Waiting for a Computational Solution. ACS Central Science, 2020, 6, 1890-1900. | 5.3 | 63 |
| 7 | AiiDA 1.0, a scalable computational infrastructure for automated reproducible workflows and data provenance. Scientific Data, 2020, 7, 300. | 2.4 | 142 |
| 8 | Materials Cloud, a platform for open computational science. Scientific Data, 2020, 7, 299. | 2.4 | 189 |
| 9 | In Silico Discovery of Covalent Organic Frameworks for Carbon Capture. ACS Applied Materials & Interfaces, 2020, 12, 21559-21568. | 4.0 | 43 |
| 10 | Electronic Structure of Atomically Precise Graphene Nanoribbons. , 2020, , 685-719. | | 0 |
| 11 | Band Gap of Atomically Precise Graphene Nanoribbons as a Function of Ribbon Length and Termination. ChemPhysChem, 2019, 20, 2348-2353. | 1.0 | 17 |
| 12 | Building a Consistent and Reproducible Database for Adsorption Evaluation in Covalent–Organic Frameworks. ACS Central Science, 2019, 5, 1663-1675. | 5.3 | 89 |
| 13 | Capturing chemical intuition in synthesis of metal-organic frameworks. Nature Communications, 2019, 10, 539. | 5.8 | 153 |
| 14 | Electronic Structure of Atomically Precise Graphene Nanoribbons. , 2019, , 1-35. | | 0 |
| 15 | Toward <i>GW</i> Calculations on Thousands of Atoms. Journal of Physical Chemistry Letters, 2018, 9, 306-312. | 2.1 | 104 |
| 16 | Electronic Structure of Atomically Precise Graphene Nanoribbons. , 2018, , 1-35. | | 1 |
| 17 | In Silico Design of 2D and 3D Covalent Organic Frameworks for Methane Storage Applications. Chemistry of Materials, 2018, 30, 5069-5086. | 3.2 | 101 |
| 18 | On-Surface Synthesis and Characterization of 9-Atom Wide Armchair Graphene Nanoribbons. ACS Nano, 2017, 11, 1380-1388. | 7.3 | 270 |

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Giant edge state splitting at atomically precise graphene zigzag edges. Nature Communications, 2016, 7, 11507. | 5.8 | 207 |
| 20 | Onâ€5urface Synthesis of Atomically Precise Graphene Nanoribbons. Advanced Materials, 2016, 28, 6222-6231. | 11.1 | 410 |
| 21 | On-surface synthesis of graphene nanoribbons with zigzag edge topology. Nature, 2016, 531, 489-492. | 13.7 | 1,154 |
| 22 | Synthesis of Atomically Precise Graphene-Based Nanostructures: A Simulation Point of View. Advances in Atom and Single Molecule Machines, 2016, , 237-268. | 0.0 | 5 |
| 23 | Electronic band dispersion of graphene nanoribbons via Fourier-transformed scanning tunneling spectroscopy. Physical Review B, 2015, 91, . | 1.1 | 85 |
| 24 | On-Surface Synthesis of BN-Substituted Heteroaromatic Networks. ACS Nano, 2015, 9, 9228-9235. | 7.3 | 78 |
| 25 | Graphene nanoribbon heterojunctions. Nature Nanotechnology, 2014, 9, 896-900. | 15.6 | 528 |
| 26 | Termini of Bottom-Up Fabricated Graphene Nanoribbons. Journal of the American Chemical Society, 2013, 135, 2060-2063. | 6.6 | 214 |