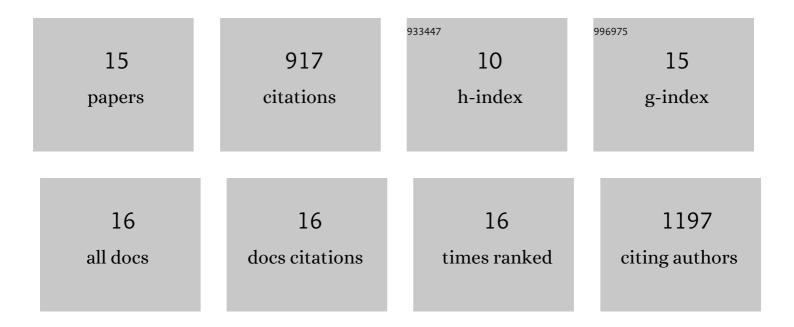
Lars P E Yunker

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Self-driving laboratory for accelerated discovery of thin-film materials. Science Advances, 2020, 6, eaaz8867. | 10.3 | 306 |
| 2 | ChemOS: Orchestrating autonomous experimentation. Science Robotics, 2018, 3, . | 17.6 | 113 |
| 3 | Practical approaches to the ESI-MS analysis of catalytic reactions. Journal of Mass Spectrometry, 2014, 49, 1-8. | 1.6 | 107 |
| 4 | Data-science driven autonomous process optimization. Communications Chemistry, 2021, 4, . | 4.5 | 94 |
| 5 | ChemOS: An orchestration software to democratize autonomous discovery. PLoS ONE, 2020, 15, e0229862. | 2.5 | 77 |
| 6 | Simultaneous Orthogonal Methods for the Real-Time Analysis of Catalytic Reactions. ACS Catalysis, 2016, 6, 6911-6917. | 11.2 | 45 |
| 7 | Real-Time Mass Spectrometric Investigations into the Mechanism of the Suzuki–Miyaura Reaction. Organometallics, 2018, 37, 4297-4308. | 2.3 | 45 |
| 8 | Automation isn't automatic. Chemical Science, 2021, 12, 15473-15490. | 7.4 | 44 |
| 9 | Automated solubility screening platform using computer vision. IScience, 2021, 24, 102176. | 4.1 | 31 |
| 10 | Competitive Ligand Exchange and Dissociation in Ru Indenyl Complexes. Inorganic Chemistry, 2019, 58, 747-755. | 4.0 | 20 |
| 11 | Online High-Performance Liquid Chromatography Analysis of Buchwald–Hartwig Aminations from within an Inert Environment. ACS Catalysis, 2020, 10, 13236-13244. | 11.2 | 10 |
| 12 | Quantitative and convenient real-time reaction monitoring using stopped-flow benchtop NMR. Reaction Chemistry and Engineering, 2022, 7, 1061-1072. | 3.7 | 10 |
| 13 | PythoMS: A Python Framework To Simplify and Assist in the Processing and Interpretation of Mass Spectrometric Data. Journal of Chemical Information and Modeling, 2019, 59, 1295-1300. | 5.4 | 9 |
| 14 | Dynamic Ion Speciation during the Hydrolysis of Aryltrifluoroborates**. Chemistry - A European Journal, 2021, 27, 3812-3816. | 3.3 | 4 |
| 15 | A mechanistic investigation of the Suzuki polycondensation reaction using MS/MS methods. Catalysis Science and Technology, 2021, 11, 4406-4416. | 4.1 | 1 |