

# Luke Gundry

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9595825/publications.pdf>

Version: 2024-02-01

6  
papers

90  
citations

1684188

5  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

51  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances and future perspectives for automated parameterisation, Bayesian inference and machine learning in voltammetry. <i>Chemical Communications</i> , 2021, 57, 1855-1870.	4.1	35
2	Application of Bayesian Inference in Fourier-Transformed Alternating Current Voltammetry for Electrode Kinetic Mechanism Distinction. <i>Analytical Chemistry</i> , 2019, 91, 5303-5309.	6.5	18
3	Opportunities and challenges in applying machine learning to voltammetric mechanistic studies. <i>Current Opinion in Electrochemistry</i> , 2022, 34, 101009.	4.8	12
4	Inclusion of multiple cycling of potential in the deep neural network classification of voltammetric reaction mechanisms. <i>Faraday Discussions</i> , 2021, 233, 44-57.	3.2	10
5	A Comparison of Bayesian Inference Strategies for Parameterisation of Large Amplitude AC Voltammetry Derived from Total Current and Fourier Transformed Versions. <i>ChemElectroChem</i> , 2021, 8, 2238-2258.	3.4	9
6	Electrode Material Dependence, Ion Pairing, and Progressive Increase in Complexity of the $\text{[S}_2\text{W}_{18}\text{O}_{62}]^{4-}$ Reduction Processes in Acetonitrile Containing $[\text{n-Bu}_4\text{N}][\text{PF}_6]$ as the Supporting Electrolyte. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16032-16047.	3.1	4