

# Lewis W Le Fevre

## List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Electrochemically Exfoliated Graphene Electrode for High-Performance Rechargeable Chloroaluminate and Dual-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 23261-23270.	8.0	40
2	Systematic Comparison of Graphene Materials for Supercapacitor Electrodes. ChemistryOpen, 2019, 8, 418-428.	1.9	36
3	Enhancing supercapacitor energy density by mass-balancing of graphene composite electrodes. Electrochimica Acta, 2020, 360, 136957.	5.2	35
4	Optimization of Electrolytes for High-Performance Aqueous Aluminum-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 25232-25245.	8.0	22
5	Cell optimisation of supercapacitors using a quasi-reference electrode and potentiostatic analysis. Journal of Power Sources, 2019, 424, 52-60.	7.8	20
6	Reversible Electrochemical Energy Storage Based on Zinc-Halide Chemistry. ACS Applied Materials & Interfaces, 2021, 13, 14112-14121.	8.0	18
7	High temperature supercapacitors using water-in-salt electrolytes: stability above 100 Å°C. Chemical Communications, 2021, 57, 5294-5297.	4.1	14
8	Insights into binding mechanisms of size-selected graphene binders for flexible and conductive porous carbon electrodes. Electrochimica Acta, 2022, 403, 139696.	5.2	11
9	Performance optimization of carbon electrodes for capacitive deionization by potentiostatic analysis. Electrochimica Acta, 2019, 325, 134898.	5.2	9
10	Resolution of Lithium Deposition versus Intercalation of Graphite Anodes in Lithium Ion Batteries: An In Situ Electron Paramagnetic Resonance Study. Angewandte Chemie, 2021, 133, 22031-22038.	2.0	4