

Dominik V Horvath

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quantifying the Effect of Electronic Conductivity on the Rate Performance of Nanocomposite Battery Electrodes. ACS Applied Energy Materials, 2020, 3, 2966-2974.	2.5	75
2	The Rate Performance of Two-Dimensional Material-Based Battery Electrodes May Not Be as Good as Commonly Believed. ACS Nano, 2020, 14, 3129-3140.	7.3	58
3	Production of Quasi-2D Platelets of Nonlayered Iron Pyrite (FeS ₂) by Liquid-Phase Exfoliation for High Performance Battery Electrodes. ACS Nano, 2020, 14, 13418-13432.	7.3	45
4	Liquid Exfoliated SnP ₃ Nanosheets for Very High Areal Capacity Lithium-Ion Batteries. Advanced Energy Materials, 2021, 11, 2002364.	10.2	40
5	Liquid phase exfoliation of GeS nanosheets in ambient conditions for lithium ion battery applications. 2D Materials, 2020, 7, 035015.	2.0	25
6	Low-temperature synthesis and electrocatalytic application of large-area PtTe ₂ thin films. Nanotechnology, 2020, 31, 375601.	1.3	23
7	Quantifying the Effect of Separator Thickness on Rate Performance in Lithium-Ion Batteries. Journal of the Electrochemical Society, 2022, 169, 030503.	1.3	17
8	Quantifying the Dependence of Battery Rate Performance on Electrode Thickness. ACS Applied Energy Materials, 2020, 3, 10154-10163.	2.5	16
9	Using chronoamperometry to rapidly measure and quantitatively analyse rate-performance in battery electrodes. Journal of Power Sources, 2020, 468, 228220.	4.0	16
10	Cyclic production of biocompatible few-layer graphene ink with in-line shear-mixing for inkjet-printed electrodes and Li-ion energy storage. Npj 2D Materials and Applications, 2022, 6, .	3.9	15
11	Liquid phase exfoliation of nonlayered non-van der Waals iron trifluoride (FeF ₃) into 2D-platelets for high-capacity lithium storing cathodes. FlatChem, 2022, 33, 100360.	2.8	15
12	Effect of the Gate Volume on the Performance of Printed Nanosheet Network-Based Transistors. ACS Applied Electronic Materials, 2020, 2, 2164-2170.	2.0	6
13	2D nanosheets from fool's gold by LPE: High performance lithium-ion battery anodes made from stone. FlatChem, 2021, 30, 100295.	2.8	6
14	Quantifying the Role of Electrode Thickness in Battery Rate Performance. ECS Meeting Abstracts, 2020, MA2020-02, 3452-3452.	0.0	0