Danielle M Hamann

List of Publications by Year
in descending order

19	194	1163065 8	1058452 14
papers	citations	h-index	g-index

20	20	20	310
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding the Reactions Between Fe and Se Binary Diffusion Couples. Chemistry of Materials, 2021, 33, 2585-2592.	6.7	2
2	Predicting and Synthesizing Interface Stabilized 2D Layers. Chemistry of Materials, 2021, 33, 5076-5084.	6.7	4
3	Defects in Layered van der Waals Heterostructures: Implications for Thermoelectrics. ACS Applied Nano Materials, 2021, 4, 7943-7953.	5.0	3
4	Synthesis and Characterization of [(PbSe)_{1+Î´}]₄[TiSe₂]₄ Isomers. Inorganic Chemistry, 2020, 59, 10928-10937.	4.0	3
5	Enhanced Low-Temperature Thermoelectric Performance in (PbSe)_{1+Î´}(VSe₂)₁ Heterostructures due to Highly Correlated Electrons in Charge Density Waves. Nano Letters, 2020, 20, 8008-8014.	9.1	6
6	Investigating the Formation of MoSe₂ and TiSe₂ Films from Artificially Layered Precursors. Inorganic Chemistry, 2020, 59, 12536-12544.	4.0	7
7	Fast Fourier transform and multi-Gaussian fitting of XRR data to determine the thickness of ALD grown thin films within the initial growth regime. Applied Physics Letters, 2020, 117, 213106.	3.3	4
8	Influence of Nanoarchitecture on Charge Donation and the Electrical-Transport Properties in [(SnSe)_{1+Î´}][TiSe₂]_q Heterostructures. Chemistry of Materials, 2020, 32, 5802-5813.	6.7	6
9	Electronic structure of designed [(SnSe)1+Î´]m[TiSe2]2 heterostructure thin films with tunable layering sequence. Journal of Materials Research, 2019, 34, 1965-1975.	2.6	4
10	Kinetically Controlled Formation and Decomposition of Metastable [(BiSe)_{1+Î´}]_m[TiSe₂]_m Compounds. Journal of the American Chemical Society, 2018, 140, 3385-3393.	13.7	14
11	Structural Changes as a Function of Thickness in [(SnSe)1+Î´]mTiSe2 Heterostructures. ACS Nano, 2018, 12, 1285-1295.	14.6	11
12	The Reaction between Mn and Se Layers. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1875-1880.	1.2	1
13	Enhanced Cross-Plane Thermoelectric Transport of Rotationally Disordered SnSe2 via Se-Vapor Annealing. Nano Letters, 2018, 18, 6876-6881.	9.1	13
14	Sub-Monolayer Accuracy in Determining the Number of Atoms per Unit Area in Ultrathin Films Using X-ray Fluorescence. Chemistry of Materials, 2018, 30, 6209-6216.	6.7	35
15	Long-Range Order in [(SnSe)_{1.2}]₁[TiSe₂]₁ Prepared from Designed Precursors. Inorganic Chemistry, 2017, 56, 3499-3505.	4.0	10
16	Cross-Plane Seebeck Coefficient Measurement of Misfit Layered Compounds (SnSe)_n(TiSe₂)_n (n = 1,3,4,5). Nano Letters, 2017, 17, 1978-1986.	9.1	25
17	Heterostructures containing dichalcogenides-new materials with predictable nanoarchitectures and novel emergent properties. Semiconductor Science and Technology, 2017, 32, 093004.	2.0	26
18	Modulation Doping in Metastable Heterostructures via Kinetically Controlled Substitution. Chemistry of Materials, 2017, 29, 773-779.	6.7	8

#	Article	IF	Citations
19	Expanding the Concept of van der Waals Heterostructures to Interwoven 3D Structures. Chemistry of Materials, 2017, 29, 8292-8298.	6.7	11