

David G Hopkinson

List of Publications by Year in descending order

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12
papers

497
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1040056

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citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of solution processed photodetectors comprised of two-dimensional tin(II) sulfide nanosheet thin films assembled <i>via</i> the Langmuir-Blodgett method. RSC Advances, 2021, 11, 26813-26819.	3.6	5
2	Nanometre imaging of Fe ₃ GeTe ₂ ferromagnetic domain walls. Nanotechnology, 2021, 32, 205703.	2.6	6
3	Ion exchange in atomically thin clays and micas. Nature Materials, 2021, 20, 1677-1682.	27.5	40
4	Synthesis of new M-layer solid-solution 312 MAX phases (Ta _{1-x} Ti _x) ₃ AlC ₂ (x = 0.4, 0.62). Tj ETQ 0.0 rg BT Overlock	0.6	1
5	Atomic Resolution Imaging of CrBr ₃ Using Adhesion-Enhanced Grids. Nano Letters, 2020, 20, 6582-6589.	9.1	13
6	Harnessing the Electron Beam to Study Reactions in Graphene Liquid Cells and Degradation in Sensitive 2D Materials. Microscopy and Microanalysis, 2020, 26, 538-541.	0.4	0
7	Enhanced Superconductivity in Few-Layer TaS ₂ due to Healing by Oxygenation. Nano Letters, 2020, 20, 3808-3818.	9.1	23
8	Atomic reconstruction in twisted bilayers of transition metal dichalcogenides. Nature Nanotechnology, 2020, 15, 592-597.	31.5	245
9	Room-Temperature Production of Nanocrystalline Molybdenum Disulfide (MoS ₂) at the Liquid-Liquid Interface. Chemistry of Materials, 2019, 31, 5384-5391.	6.7	16
10	Formation and Healing of Defects in Atomically Thin GaSe and InSe. ACS Nano, 2019, 13, 5112-5123.	14.6	35
11	Direct synthesis of MoS ₂ or MoO ₃ <i>via</i> thermolysis of a dialkyl dithiocarbamate molybdenum(IV) complex. Chemical Communications, 2019, 55, 99-102.	4.1	38
12	Infrared-to-violet tunable optical activity in atomic films of GaSe, InSe, and their heterostructures. 2D Materials, 2018, 5, 041009.	4.4	52