

David G Hopkinson

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

497
citations

1040056

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1199594

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docs citations

13
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic reconstruction in twisted bilayers of transition metal dichalcogenides. <i>Nature Nanotechnology</i> , 2020, 15, 592-597.	31.5	245
2	Infrared-to-violet tunable optical activity in atomic films of GaSe, InSe, and their heterostructures. <i>2D Materials</i> , 2018, 5, 041009.	4.4	52
3	Ion exchange in atomically thin clays and micas. <i>Nature Materials</i> , 2021, 20, 1677-1682.	27.5	40
4	Direct synthesis of MoS ₂ or MoO ₃ via thermolysis of a dialkyl dithiocarbamate molybdenum(IV) complex. <i>Chemical Communications</i> , 2019, 55, 99-102.	4.1	38
5	Formation and Healing of Defects in Atomically Thin GaSe and InSe. <i>ACS Nano</i> , 2019, 13, 5112-5123.	14.6	35
6	Enhanced Superconductivity in Few-Layer TaS ₂ due to Healing by Oxygenation. <i>Nano Letters</i> , 2020, 20, 3808-3818.	9.1	23
7	Synthesis of new M-layer solid-solution 312 MAX phases (Ta _{1-x} Ti _x) ₃ AlC ₂ ($x = 0.4, 0.62$). <i>Tj ETQq</i> 1.4 0.784314 rgBT	1.4	0
8	Room-Temperature Production of Nanocrystalline Molybdenum Disulfide (MoS ₂) at the Liquid-Liquid Interface. <i>Chemistry of Materials</i> , 2019, 31, 5384-5391.	6.7	16
9	Atomic Resolution Imaging of CrBr ₃ Using Adhesion-Enhanced Grids. <i>Nano Letters</i> , 2020, 20, 6582-6589.	9.1	13
10	Nanometre imaging of Fe ₃ GeTe ₂ ferromagnetic domain walls. <i>Nanotechnology</i> , 2021, 32, 205703.	2.6	6
11	Preparation of solution processed photodetectors comprised of two-dimensional tin(II) sulfide nanosheet thin films assembled via the Langmuir-Blodgett method. <i>RSC Advances</i> , 2021, 11, 26813-26819.	3.6	5
12	Harnessing the Electron Beam to Study Reactions in Graphene Liquid Cells and Degradation in Sensitive 2D Materials. <i>Microscopy and Microanalysis</i> , 2020, 26, 538-541.	0.4	0