Patricia Gant

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2759247/publications.pdf

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16 papers	1,379 citations	687220 13 h-index	940416 16 g-index
16 all docs	16 docs citations	16 times ranked	2856 citing authors

#	Article	IF	Citations
1	Recent progress in the assembly of nanodevices and van der Waals heterostructures by deterministic placement of 2D materials. Chemical Society Reviews, 2018, 47, 53-68.	18.7	473
2	A strain tunable single-layer MoS2 photodetector. Materials Today, 2019, 27, 8-13.	8.3	161
3	Thickness-Dependent Differential Reflectance Spectra of Monolayer and Few-Layer MoS2, MoSe2, WS2 and WSe2. Nanomaterials, 2018, 8, 725.	1.9	156
4	Micro-reflectance and transmittance spectroscopy: a versatile and powerful tool to characterize 2D materials. Journal Physics D: Applied Physics, 2017, 50, 074002.	1.3	125
5	MoirÃ© Intralayer Excitons in a MoSe₂/MoS₂ Heterostructure. Nano Letters, 2018, 18, 7651-7657.	4.5	113
6	Naturally occurring van der Waals materials. Npj 2D Materials and Applications, 2020, 4, .	3.9	75
7	Toward Air Stability of Thin GaSe Devices: Avoiding Environmental and Laserâ€Induced Degradation by Encapsulation. Advanced Functional Materials, 2018, 28, 1805304.	7.8	49
8	Thickness determination of MoS2, MoSe2, WS2 and WSe2 on transparent stamps used for deterministic transfer of 2D materials. Nano Research, 2019, 12, 1691-1695.	5.8	46
9	Characterization of highly crystalline lead iodide nanosheets prepared by room-temperature solution processing. Nanotechnology, 2017, 28, 455703.	1.3	45
10	Highly responsive UV-photodetectors based on single electrospun TiO₂ nanofibres. Journal of Materials Chemistry C, 2016, 4, 10707-10714.	2.7	41
11	Long-Term Stabilization of Two-Dimensional Perovskites by Encapsulation with Hexagonal Boron Nitride. Nanomaterials, 2019, 9, 1120.	1.9	31
12	Optical contrast and refractive index of natural van der Waals heterostructure nanosheets of franckeite. Beilstein Journal of Nanotechnology, 2017, 8, 2357-2362.	1.5	27
13	A system for the deterministic transfer of 2D materials under inert environmental conditions. 2D Materials, 2020, 7, 025034.	2.0	21
14	Lithography-free electrical transport measurements on 2D materials by direct microprobing. Journal of Materials Chemistry C, 2017, 5, 11252-11258.	2.7	6
15	Photodiodes based in La _{0.7} Sr _{0.3} MnO ₃ /single layer MoS ₂ hybrid vertical heterostructures. 2D Materials, 2017, 4, 034002.	2.0	5
16	A system to test 2D optoelectronic devices in high vacuum. JPhys Materials, 2020, 3, 036001.	1.8	5