

Patricia Gant

List of Publications by Year in descending order

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