

Hussain Alsalman

List of Publications by Year in descending order

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12
papers

780
citations

1683354

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h-index

1588620

8
g-index

12
all docs

12
docs citations

12
times ranked

1296
citing authors

#	ARTICLE	IF	CITATIONS
1	Bandgap engineering of two-dimensional semiconductor materials. Npj 2D Materials and Applications, 2020, 4, .	3.9	528
2	Electrical Characteristics of Multilayer MoS ₂ FETs with MoS ₂ /Graphene Heterojunction Contacts. Nano Letters, 2014, 14, 4511-4516.	4.5	169
3	Controlled p-type substitutional doping in large-area monolayer WSe ₂ crystals grown by chemical vapor deposition. Nanoscale, 2018, 10, 21374-21385.	2.8	58
4	Long wavelength optical response of graphene-MoS ₂ heterojunction. Applied Physics Letters, 2016, 108, .	1.5	11
5	Synthesis of large area AB stacked bilayer graphene by SiC epitaxy and transfer. Nano Futures, 2018, 2, 035001.	1.0	5
6	Transition Metal-Free Half-Metallicity in Two-Dimensional Gallium Nitride with a Quasi-Flat Band. Journal of Physical Chemistry Letters, 2021, 12, 12150-12156.	2.1	3
7	Methodological framework for materials discovery using machine learning. Physical Review Materials, 2022, 6, .	0.9	3
8	Simple linear response model for predicting energy band alignment of two-dimensional vertical heterostructures. Physical Review B, 2021, 103, .	1.1	2
9	A high response MoS ₂ -graphene hetero-junction photodetector with broad spectral range. , 2013, , .		1
10	Photothermal electric effect of multilayer MoS ₂ -graphene heterojunction. , 2015, , .		0
11	Self-heating controlled current-voltage and noise characteristics in graphene. Journal Physics D: Applied Physics, 0, , .	1.3	0
12	Spatially composition-graded monolayer tungsten selenium telluride. Applied Physics Letters, 2022, 120, 231903.	1.5	0