

# Hussain Alsalman

## List of Publications by Year in descending order

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12  
papers

780  
citations

1684188  
5  
h-index

1588992  
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, .	7.9	528
2	Electrical Characteristics of Multilayer MoS <sub>2</sub> FETs with MoS <sub>2</sub> /Graphene Heterojunction Contacts. Nano Letters, 2014, 14, 4511-4516.	9.1	169
3	Controlled p-type substitutional doping in large-area monolayer WSe <sub>2</sub> crystals grown by chemical vapor deposition. Nanoscale, 2018, 10, 21374-21385.	5.6	58
4	Long wavelength optical response of graphene-MoS <sub>2</sub> heterojunction. Applied Physics Letters, 2016, 108, .	3.3	11
5	Synthesis of large area AB stacked bilayer graphene by SiC epitaxy and transfer. Nano Futures, 2018, 2, 035001.	2.2	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.	4.6	3
7	Methodological framework for materials discovery using machine learning. Physical Review Materials, 2022, 6, .	2.4	3
8	Simple linear response model for predicting energy band alignment of two-dimensional vertical heterostructures. Physical Review B, 2021, 103, .	3.2	2
9	A high response MoS <sub>2</sub> -graphene hetero-junction photodetector with broad spectral range. , 2013, , .		1
10	Photothermal electric effect of multilayer MoS <sub>2</sub> -graphene heterojunction. , 2015, , .		0
11	Self-heating controlled current-voltage and noise characteristics in graphene. Journal Physics D: Applied Physics, 0, , .	2.8	0
12	Spatially composition-graded monolayer tungsten selenium telluride. Applied Physics Letters, 2022, 120, 231903.	3.3	0