Joshua Hall

List of Publications by Year
in descending order

10	242	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	408
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular beam epitaxy of quasi-freestanding transition metal disulphide monolayers on van der Waals substrates: a growth study. 2D Materials, 2018, 5, 025005.	4.4	55
2	Environmental Control of Charge Density Wave Order in Monolayer 2H-TaS₂. ACS Nano, 2019, 13, 10210-10220.	14.6	44
3	Tomonaga-Luttinger Liquid in a Box: Electrons Confined within <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoS</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn> Mirror-Twin Boundaries. Physical Review X, 2019, 9, .	8.9	32
4	Band Bending and Valence Band Quantization at Line Defects in MoS₂. ACS Nano, 2020, 14, 9176-9187.	14.6	26
5	Narrow photoluminescence and Raman peaks of epitaxial MoS ₂ on graphene/Ir(1â€‰×â€‰1). 2D Materials, 2019, 6, 011006.	4.4	23
6	Reversible crystalline-to-amorphous phase transformation in monolayer MoS2 under grazing ion irradiation. 2D Materials, 2020, 7, 025005.	4.4	17
7	Comprehensive tunneling spectroscopy of quasifreestanding <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoS</mml:mi><mml:mn>2</mml:mn> on graphene on Ir(111). Physical Review B, 2019, 99, .	3.2	16
8	A full gap above the Fermi level: the charge density wave of monolayer VS2. Nature Communications, 2021, 12, 6837.	12.8	16
9	Sulfur Structures on Bare and Graphene-Covered Ir(111). Journal of Physical Chemistry C, 2020, 124, 6659-6668.	3.1	7
10	Structure of monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mi>H</mml:mi></mml:mrow><mml:m mathvariant="normal">TaS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> on Au(111). Physical Review B, 2021, 104, .	3.2	6