Nathan P Wilson

List of Publications by Year
in descending order

13	3,475	840776 11	1125743 13
papers	citations	h-index	g-index

13	13	13	4906
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Giant tunneling magnetoresistance in spin-filter van der Waals heterostructures. Science, 2018, 360, 1214-1218.	12.6	871
2	Signatures of moirÃ©-trapped valley excitons in MoSe2/WSe2 heterobilayers. Nature, 2019, 567, 66-70.	27.8	842
3	Interlayer valley excitons in heterobilayers of transition metal dichalcogenides. Nature Nanotechnology, 2018, 13, 1004-1015.	31.5	373
4	Valley Manipulation by Optically Tuning the Magnetic Proximity Effect in WSe₂/CrI₃ Heterostructures. Nano Letters, 2018, 18, 3823-3828.	9.1	281
5	Atomically Thin CrCl₃: An In-Plane Layered Antiferromagnetic Insulator. Nano Letters, 2019, 19, 3993-3998.	9.1	240
6	Probing the Influence of Dielectric Environment on Excitons in Monolayer WSe₂: Insight from High Magnetic Fields. Nano Letters, 2016, 16, 7054-7060.	9.1	198
7	Layer-resolved magnetic proximity effect in van der Waals heterostructures. Nature Nanotechnology, 2020, 15, 187-191.	31.5	169
8	Excitons and emergent quantum phenomena in stacked 2D semiconductors. Nature, 2021, 599, 383-392.	27.8	136
9	Visualizing electrostatic gating effects in two-dimensional heterostructures. Nature, 2019, 572, 220-223.	27.8	135
10	Valley phonons and exciton complexes in a monolayer semiconductor. Nature Communications, 2020, 11, 618.	12.8	128
11	Interlayer electronic coupling on demand in a 2D magnetic semiconductor. Nature Materials, 2021, 20, 1657-1662.	27.5	94
12	Nonlocal Exciton-Photon Interactions in Hybrid High- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Q</mml:mi></mml:mrow></mml:math> Beam Nanocavities with Encapsulated <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></mml:mrow> Monolayers. Physical Review Letters, 2022, 128, .	7.8	6
13	Field-Dependent Band Structure Measurements in Two-Dimensional Heterostructures. Nano Letters, 2021, , .	9.1	2