

# Nathan P Wilson

## List of Publications by Year in descending order

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13  
papers

3,475  
citations

840776

11  
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1125743

13  
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13  
docs citations

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times ranked

4906  
citing authors

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