

# Natalie Briggs

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11  
papers

274  
citations

6  
h-index

11  
g-index

11  
ext. papers

383  
ext. citations

8.5  
avg, IF

2.67  
L-index

#	Paper	IF	Citations
11	A roadmap for electronic grade 2D materials. <i>2D Materials</i> , <b>2019</b> , 6, 022001	5.9	133
10	Atomically thin half-van der Waals metals enabled by confinement heteroepitaxy. <i>Nature Materials</i> , <b>2020</b> , 19, 637-643	27	53
9	Epitaxial graphene/silicon carbide intercalation: a minireview on graphene modulation and unique 2D materials. <i>Nanoscale</i> , <b>2019</b> , 11, 15440-15447	7.7	35
8	Research Update: Recent progress on 2D materials beyond graphene: From ripples, defects, intercalation, and valley dynamics to straintronics and power dissipation. <i>APL Materials</i> , <b>2018</b> , 6, 080701	5.7	22
7	Unexpected Near-Infrared to Visible Nonlinear Optical Properties from 2-D Polar Metals. <i>Nano Letters</i> , <b>2020</b> , 20, 8312-8318	11.5	11
6	Light-Matter Interaction in Quantum Confined 2D Polar Metals. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2005977	15.6	8
5	Transformation of 2D group-III selenides to ultra-thin nitrides: enabling epitaxy on amorphous substrates. <i>Nanotechnology</i> , <b>2018</b> , 29, 47LT02	3.4	6
4	Caveats in obtaining high-quality 2D materials and property characterization. <i>Journal of Materials Research</i> , <b>2020</b> , 35, 855-863	2.5	2
3	2-dimensional polar metals: a low-frequency Raman scattering study. <i>2D Materials</i> , <b>2021</b> , 8, 041003	5.9	2
2	Scalable Characterization of 2D Gallium-Intercalated Epitaxial Graphene. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 55428-55439	9.5	1
1	Correlative Electron Microscopy Enables Scalable Characterization of 2D half-van der Waals Heterostructures. <i>Microscopy and Microanalysis</i> , <b>2021</b> , 27, 636-638	0.5	1