

# Bethany Niedzielski Huffman

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

8

papers

100

citations

4

h-index

9

g-index

9

ext. papers

259

ext. citations

15.4

avg, IF

2.28

L-index

#	Paper	IF	Citations
8	Hexagonal boron nitride as a low-loss dielectric for superconducting quantum circuits and qubits.. <i>Nature Materials</i> , <b>2022</b> ,	27	4
7	Quantum transport and localization in 1d and 2d tight-binding lattices. <i>Npj Quantum Information</i> , <b>2022</b> , 8,	8.6	1
6	Probing quantum information propagation with out-of-time-ordered correlators. <i>Nature Physics</i> , <b>2022</b> , 18, 172-178	16.2	4
5	Improving qubit coherence using closed-loop feedback.. <i>Nature Communications</i> , <b>2022</b> , 13, 1932	17.4	0
4	Microwave Package Design for Superconducting Quantum Processors. <i>PRX Quantum</i> , <b>2021</b> , 2,	6.1	9
3	Realization of High-Fidelity CZ and ZZ-Free iSWAP Gates with a Tunable Coupler. <i>Physical Review X</i> , <b>2021</b> , 11,	9.1	19
2	Characterizing and Optimizing Qubit Coherence Based on SQUID Geometry. <i>Physical Review Applied</i> , <b>2020</b> , 13,	4.3	15
1	Impact of ionizing radiation on superconducting qubit coherence. <i>Nature</i> , <b>2020</b> , 584, 551-556	50.4	47