

David J Van Woerkom

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

869
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

1119
citing authors

#	ARTICLE	IF	CITATIONS
1	Realization of Microwave Quantum Circuits Using Hybrid Superconducting-Semiconducting Nanowire Josephson Elements. <i>Physical Review Letters</i> , 2015, 115, 127002.	7.8	185
2	Ballistic superconductivity in semiconductor nanowires. <i>Nature Communications</i> , 2017, 8, 16025.	12.8	181
3	Observation of the 4π -periodic Josephson effect in indium arsenide nanowires. <i>Nature Communications</i> , 2019, 10, 245.	12.8	113
4	Hard Superconducting Gap in InSb Nanowires. <i>Nano Letters</i> , 2017, 17, 2690-2696.	9.1	103
5	Microwave spectroscopy of spinful Andreev bound states in ballistic semiconductor Josephson junctions. <i>Nature Physics</i> , 2017, 13, 876-881.	16.7	86
6	Towards high mobility InSb nanowire devices. <i>Nanotechnology</i> , 2015, 26, 215202.	2.6	85
7	One minute parity lifetime of a NbTiN Cooper-pair transistor. <i>Nature Physics</i> , 2015, 11, 547-550.	16.7	76
8	Gate-Tunable Field-Compatible Fluxonium. <i>Physical Review Applied</i> , 2020, 14, .	3.8	28
9	Automatic tuning of the pulse-driven AC Josephson voltage standard. , 2010, , .		9
10	Josephson radiation and shot noise of a semiconductor nanowire junction. <i>Physical Review B</i> , 2017, 96, .	3.2	3