

Benjamin D Woods

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4808915/publications.pdf>

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10
papers

282
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective theory approach to the Schrödinger-Poisson problem in semiconductor Majorana devices. Physical Review B, 2018, 98, .	3.2	74
2	Zero-energy pinning of topologically trivial bound states in multiband semiconductor-superconductor nanowires. Physical Review B, 2019, 100, .	3.2	55
3	Estimating disorder and its adverse effects in semiconductor Majorana nanowires. Physical Review Materials, 2021, 5, .	2.4	40
4	Charge-Impurity Effects in Hybrid Majorana Nanowires. Physical Review Applied, 2021, 16, .	3.8	24
5	Subband occupation in semiconductor-superconductor nanowires. Physical Review B, 2020, 101, .	3.2	23
6	Electronic structure of full-shell InAs/Al hybrid semiconductor-superconductor nanowires: Spin-orbit coupling and topological phase space. Physical Review B, 2019, 99, .	3.2	18
7	Control and detection of Majorana bound states in quantum dot arrays. Physical Review B, 2018, 98, .	3.2	14
8	Enhanced topological superconductivity in spatially modulated planar Josephson junctions. Physical Review B, 2021, 104, .	3.2	14
9	Enhanced topological protection in planar quasi-one-dimensional channels with periodically modulated width. Physical Review B, 2020, 101, .	3.2	10
10	Electrostatic effects and topological superconductivity in semiconductor-superconductor-magnetic-insulator hybrid wires. Physical Review B, 2021, 104, .	3.2	10