

Philipp Leubner

List of Publications by Year in descending order

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8
papers

960
citations

1163117

8
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

1401
citing authors

#	ARTICLE	IF	CITATIONS
1	Induced superconductivity in the quantum spin Hall edge. <i>Nature Physics</i> , 2014, 10, 638-643.	16.7	292
2	Gapless Andreev bound states in the quantum spin Hall insulator HgTe. <i>Nature Nanotechnology</i> , 2017, 12, 137-143.	31.5	237
3	Imaging currents in HgTe quantum wells in the quantum spin Hall regime. <i>Nature Materials</i> , 2013, 12, 787-791.	27.5	230
4	Controlled finite momentum pairing and spatially varying order parameter in proximitized HgTe quantum wells. <i>Nature Physics</i> , 2017, 13, 87-93.	16.7	70
5	Strain Engineering of the Band Gap of HgTe Quantum Wells Using Superlattice Virtual Substrates. <i>Physical Review Letters</i> , 2016, 117, 086403.	7.8	55
6	High Mobility HgTe Microstructures for Quantum Spin Hall Studies. <i>Nano Letters</i> , 2018, 18, 4831-4836.	9.1	40
7	Emergent quantum Hall effects below 50 mT in a two-dimensional topological insulator. <i>Science Advances</i> , 2020, 6, eaba4625.	10.3	24
8	Hexagonal silicon grown from higher order silanes. <i>Nanotechnology</i> , 2019, 30, 295602.	2.6	12