

Hryhoriy Polshyn

List of Publications by Year in Descending Order

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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

1,466
citations

8
h-index

11
g-index

11
ext. papers

2,279
ext. citations

19.8
avg, IF

5.14
L-index

#	Paper	IF	Citations
11	Topological charge density waves at half-integer filling of a moiré superlattice. <i>Nature Physics</i> , 2022 , 18, 42-47	16.2	5
10	Imaging orbital ferromagnetism in a moiré Chern insulator. <i>Science</i> , 2021 , 372, 1323-1327	33.3	25
9	Imaging and controlling vortex dynamics in mesoscopic superconductor-normal-metal-superconductor arrays. <i>Physical Review B</i> , 2021 , 103,	3.3	1
8	Intrinsic quantized anomalous Hall effect in a moiré heterostructure. <i>Science</i> , 2020 , 367, 900-903	33.3	377
7	Solids of quantum Hall skyrmions in graphene. <i>Nature Physics</i> , 2020 , 16, 154-158	16.2	19
6	Electrical switching of magnetic order in an orbital Chern insulator. <i>Nature</i> , 2020 , 588, 66-70	50.4	63
5	Tuning superconductivity in twisted bilayer graphene. <i>Science</i> , 2019 , 363, 1059-1064	33.3	814
4	Large linear-in-temperature resistivity in twisted bilayer graphene. <i>Nature Physics</i> , 2019 , 15, 1011-1016	16.2	127
3	Manipulating Multivortex States in Superconducting Structures. <i>Nano Letters</i> , 2019 , 19, 5476-5482	11.5	9
2	Quantitative Transport Measurements of Fractional Quantum Hall Energy Gaps in Edgeless Graphene Devices. <i>Physical Review Letters</i> , 2018 , 121, 226801	7.4	21
1	Imaging phase slip dynamics in micron-size superconducting rings. <i>Physical Review B</i> , 2018 , 97,	3.3	5