

Valerio Vitale

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8480923/publications.pdf>

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9
papers

1,011
citations

1163117

8
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

1519
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomistic Hartree theory of twisted double bilayer graphene near the magic angle. <i>Electronic Structure</i> , 2022, 4, 025001.	2.8	4
2	Flat band properties of twisted transition metal dichalcogenide homo- and heterobilayers of MoS_2 , MoSe_2 , WS_2 and WSe_2 . <i>2D Materials</i> , 2021, 8, 045010.	4.4	39
3	Flat bands, electron interactions, and magnetic order in magic-angle mono-trilayer graphene. <i>Physical Review Materials</i> , 2021, 5, .	2.4	14
4	Optical read-out of Coulomb staircases in a moiré superlattice via trapped interlayer trions. <i>Nature Nanotechnology</i> , 2021, 16, 1237-1243.	31.5	23
5	Wannier90 as a community code: new features and applications. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 165902.	1.8	807
6	Automated high-throughput Wannierisation. <i>Npj Computational Materials</i> , 2020, 6, .	8.7	39
7	Effect of bilayer stacking on the atomic and electronic structure of twisted double bilayer graphene. <i>Physical Review B</i> , 2020, 102, .	3.2	24
8	Critical role of device geometry for the phase diagram of twisted bilayer graphene. <i>Physical Review B</i> , 2020, 101, .	3.2	22
9	Hartree theory calculations of quasiparticle properties in twisted bilayer graphene. <i>Electronic Structure</i> , 2020, 2, 034001.	2.8	39