

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