

Louk Rademaker

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

957
citations

687363

13
h-index

752698

20
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23
all docs

23
docs citations

23
times ranked

1098
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-orbit coupling in transition metal dichalcogenide heterobilayer flat bands. Physical Review B, 2022, 105, .	3.2	29
2	How to Recognize the Universal Aspects of Mott Criticality?. Crystals, 2022, 12, 932.	2.2	4
3	Observation of flat bands in twisted bilayer graphene. Nature Physics, 2021, 17, 189-193.	16.7	144
4	Hofstadter subband ferromagnetism and symmetry-broken Chern insulators in twisted bilayer graphene. Nature Physics, 2021, 17, 478-481.	16.7	138
5	Gate-tunable imbalanced Kane-Mele model in encapsulated bilayer jacutingaite. Physical Review Materials, 2021, 5, .	2.4	6
6	Enhanced superconductivity in FeSe/SrTiO3 from the combination of forward scattering phonons and spin fluctuations. Physical Review B, 2021, 103, .	3.2	10
7	An Experimental Proposal to Study Collapse of the Wave Function in Traveling-Wave Parametric Amplifiers. Physica Status Solidi (B): Basic Research, 2021, 258, 2000567.	1.5	0
8	Scaling theory of few-particle delocalization. Physical Review B, 2021, 104, .	3.2	0
9	Slow Nonthermalizing Dynamics in a Quantum Spin Glass. Physical Review Letters, 2020, 125, 260405.	7.8	13
10	Stability and absence of a tower of states in ferrimagnets. Physical Review Research, 2020, 2, .	3.6	1
11	Topological flat bands and correlated states in twisted monolayer-bilayer graphene. Physical Review Research, 2020, 2, .	3.6	24
12	Charge smoothening and band flattening due to Hartree corrections in twisted bilayer graphene. Physical Review B, 2019, 100, .	3.2	55
13	Charge-transfer insulation in twisted bilayer graphene. Physical Review B, 2018, 98, .	3.2	92
14	Many-body localization from the perspective of Integrals of Motion. Annalen Der Physik, 2017, 529, 1600322.	2.4	52
15	Universality and critical behavior of the dynamical Mott transition in a system with long-range interactions. Scientific Reports, 2017, 7, 44044.	3.3	2
16	Phonon linewidth due to electron-phonon interactions with strong forward scattering in FeSe thin films on oxide substrates. Physical Review B, 2017, 96, .	3.2	13
17	Quantum Thermalization and the Expansion of Atomic Clouds. Scientific Reports, 2017, 7, 6118.	3.3	4
18	Explicit Local Integrals of Motion for the Many-Body Localized State. Physical Review Letters, 2016, 116, 010404.	7.8	125

#	ARTICLE	IF	CITATIONS
19	Avoiding Stripe Order: Emergence of the Supercooled Electron Liquid. Journal of Superconductivity and Novel Magnetism, 2016, 29, 601-604.	1.8	7
20	Impurity-bound states and Green's function zeros as local signatures of topology. Physical Review B, 2015, 92, .	3.2	165
21	Glassy Dynamics in Geometrically Frustrated Coulomb Liquids without Disorder. Physical Review Letters, 2015, 115, 025701.	7.8	55
22	Bilayer Excitons in Two-Dimensional Nanostructures for Greatly Enhanced Thermoelectric Efficiency. Physical Review Applied, 2014, 2, .	3.8	18