

Dominik Weckbecker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7702583/publications.pdf>

Version: 2024-02-01

9
papers

216
citations

1306789

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1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-energy theory for the graphene twist bilayer. <i>Physical Review B</i> , 2016, 93, .	1.1	64
2	Electronic structure of twisted graphene flakes. <i>Physical Review B</i> , 2013, 87, .	1.1	54
3	Perfect and Controllable Nesting in Minimally Twisted Bilayer Graphene. <i>Nano Letters</i> , 2020, 20, 971-978.	4.5	26
4	Nonperturbative theory of effective Hamiltonians for deformations in two-dimensional materials: Moiré systems and dislocations. <i>Physical Review B</i> , 2019, 100, .	1.1	20
5	Moiré edge states in twisted graphene nanoribbons. <i>Physical Review B</i> , 2018, 97, .	1.1	17
6	Controlling the Conductance of a Graphene-Molecule Nanojunction by Proton Transfer. <i>Nano Letters</i> , 2017, 17, 3341-3346.	4.5	15
7	Electron-phonon scattering and in-plane electric conductivity in twisted bilayer graphene. <i>Physical Review B</i> , 2016, 94, .	1.1	11
8	Dislocation and node states in bilayer graphene systems. <i>Physical Review B</i> , 2019, 99, .	1.1	5
9	Molecular Transistor Controlled through Proton Transfer. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 413-417.	2.1	4