

Yonatan Betancur-Ocampo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3804185/publications.pdf>

Version: 2024-02-01

11
papers

137
citations

1162367
8
h-index

1281420
11
g-index

11
all docs

11
docs citations

11
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Valley-dependent time evolution of coherent electron states in tilted anisotropic Dirac materials. Physical Review B, 2022, 105, .	1.1	9
2	Steering the current flow in twisted bilayer graphene. JPhys Materials, 2022, 5, 024003.	1.8	1
3	Generalized Hamiltonian for Kekulé graphene and the emergence of valley-cooperative Klein tunneling. Physical Review B, 2022, 105, .	1.1	9
4	Gradient-index electron optics in graphene p - n junctions. Physical Review B, 2021, 103, .	1.1	11
5	Anomalous Floquet tunneling in uniaxially strained graphene. Physical Review B, 2021, 103, .	1.1	10
6	Phosphorene pnp junctions as perfect electron waveguides. Journal of Applied Physics, 2020, 128, .	1.1	13
7	Phase-space representation of Landau and electron coherent states for uniaxially strained graphene. Physical Review B, 2020, 101, .	1.1	14
8	Electron Optics in Phosphorene pn Junctions: Negative Reflection and Anti-Super-Klein Tunneling. Nano Letters, 2019, 19, 7760-7769.	4.5	38
9	Perfect transmission of 3D massive Kane fermions in HgCdTe Veselago lenses. Journal of Physics Condensed Matter, 2018, 30, 035501.	0.7	8
10	Partial positive refraction in asymmetric Veselago lenses of uniaxially strained graphene. Physical Review B, 2018, 98, .	1.1	18
11	Controlling electron flow in anisotropic Dirac materials heterojunctions: a super-diverging lens. Journal of Physics Condensed Matter, 2018, 30, 435302.	0.7	9