

# 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

1162889  
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1281743  
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g-index

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docs citations

11  
times ranked

111  
citing authors

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