

Gonzalo Álvarez-Páez

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

733
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Broad spectral tuning of ultra-low-loss polaritons in a van der Waals crystal by intercalation. <i>Nature Materials</i> , 2020, 19, 964-968.	27.5	129
2	Twisted Nano-Optics: Manipulating Light at the Nanoscale with Twisted Phonon Polaritonic Slabs. <i>Nano Letters</i> , 2020, 20, 5323-5329.	9.1	126
3	Infrared Permittivity of the Biaxial van der Waals Semiconductor $\text{I}\pm\text{a}\text{MoO}_3$ from Near- and Far-Field Correlative Studies. <i>Advanced Materials</i> , 2020, 32, e1908176.	21.0	99
4	Analytical approximations for the dispersion of electromagnetic modes in slabs of biaxial crystals. <i>Physical Review B</i> , 2019, 100, .	3.2	67
5	Chemical switching of low-loss phonon polaritons in $\text{I}\pm\text{a}\text{MoO}_3$ by hydrogen intercalation. <i>Nature Communications</i> , 2020, 11, 2646.	12.8	54
6	Nanoscale-Confined Terahertz Polaritons in a van der Waals Crystal. <i>Advanced Materials</i> , 2021, 33, e2005777.	21.0	53
7	Enabling propagation of anisotropic polaritons along forbidden directions via a topological transition. <i>Science Advances</i> , 2021, 7, .	10.3	53
8	Planar refraction and lensing of highly confined polaritons in anisotropic media. <i>Nature Communications</i> , 2021, 12, 4325.	12.8	48
9	Active Tuning of Highly Anisotropic Phonon Polaritons in Van der Waals Crystal Slabs by Gated Graphene. <i>ACS Photonics</i> , 2022, 9, 383-390.	6.6	37
10	Focusing of in-plane hyperbolic polaritons in van der Waals crystals with tailored infrared nanoantennas. <i>Science Advances</i> , 2021, 7, eabj0127.	10.3	36
11	Active and Passive Tuning of Ultranarrow Resonances in Polaritonic Nanoantennas. <i>Advanced Materials</i> , 2022, 34, e2104954.	21.0	13
12	Extracting the Infrared Permittivity of SiO_2 Substrates Locally by Near-Field Imaging of Phonon Polaritons in a van der Waals Crystal. <i>Nanomaterials</i> , 2021, 11, 120.	4.1	7
13	A goodness-of-fit test for the functional linear model with functional response. <i>Scandinavian Journal of Statistics</i> , 2021, 48, 502-528.	1.4	6
14	Van der Waals Semiconductors: Infrared Permittivity of the Biaxial van der Waals Semiconductor $\text{I}\pm\text{a}\text{MoO}_3$ from Near- and Far-Field Correlative Studies (Adv. Mater. 29/2020). <i>Advanced Materials</i> , 2020, 32, 2070220.	21.0	5