

# Irene Dolado

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2416724/publications.pdf>

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1118  
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#	ARTICLE	IF	CITATIONS
1	Infrared hyperbolic metasurface based on nanostructured van der Waals materials. <i>Science</i> , 2018, 359, 892-896.	6.0	344
2	Boron nitride nanoresonators for phonon-enhanced molecular vibrational spectroscopy at the strong coupling limit. <i>Light: Science and Applications</i> , 2018, 7, 17172-17172.	7.7	257
3	Collective near-field coupling and nonlocal phenomena in infrared-phononic metasurfaces for nano-light canalization. <i>Nature Communications</i> , 2020, 11, 3663.	5.8	70
4	Nanoscale Guiding of Infrared Light with Hyperbolic Volume and Surface Polaritons in van der Waals Material Ribbons. <i>Advanced Materials</i> , 2020, 32, e1906530.	11.1	29
5	Enhanced Light-Matter Interaction in $^{10}\text{B}$ Monoisotopic Boron Nitride Infrared Nanoresonators. <i>Advanced Optical Materials</i> , 2021, 9, 2001958.	3.6	24
6	Phonon-Enhanced Mid-Infrared $\text{CO}_2$ Gas Sensing Using Boron Nitride Nanoresonators. <i>ACS Photonics</i> , 2022, 9, 34-42.	3.2	17
7	Active and Passive Tuning of Ultranarrow Resonances in Polaritonic Nanoantennas. <i>Advanced Materials</i> , 2022, 34, e2104954.	11.1	13