

# Nicolas Lorente

## List of Publications by Year in descending order

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36  
papers

1,266  
citations

430874

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docs citations

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times ranked

1594  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron Paramagnetic Resonance of Alkali Metal Atoms and Dimers on Ultrathin MgO. Nano Letters, 2022, 22, 4176-4181.	9.1	12
2	Superconducting Scanning Tunneling Microscope Tip to Reveal Sub-millielectronvolt Magnetic Energy Variations on Surfaces. Journal of Physical Chemistry Letters, 2021, 12, 2983-2989.	4.6	7
3	A theoretical review on the single-impurity electron spin resonance on surfaces. Progress in Surface Science, 2021, 96, 100625.	8.3	10
4	Bottom-up Fabrication and Atomic-Scale Characterization of Triply Linked, Laterally Extended Porphyrin Nanotapes**. Angewandte Chemie, 2021, 133, 16344-16350.	2.0	5
5	Bottom-up Fabrication and Atomic-Scale Characterization of Triply Linked, Laterally Extended Porphyrin Nanotapes**. Angewandte Chemie - International Edition, 2021, 60, 16208-16214.	13.8	25
6	Atomic manipulation of in-gap states in the $s$ -wave wide-band superconductors. Physical Review B, 2021, 104, .	3.2	3
7	Doublet-Singlet-Doublet Transition in a Single Organic Molecule Magnet On-Surface Constructed with up to 3 Aluminum Atoms. Nano Letters, 2021, 21, 8317-8323.	9.1	5
8	Challenges in the synthesis of corannulene-based non-planar nanographenes on Au(111) surfaces. Physical Chemistry Chemical Physics, 2021, 23, 10845-10851.	2.8	2
9	Calculations of in-gap states of ferromagnetic spin chains on $s$ -wave wide-band superconductors. Physical Review B, 2021, 104, .	3.2	3
10	All-electric electron spin resonance studied by means of Floquet quantum master equations. Physical Review B, 2021, 104, .	3.2	3
11	On-Surface Atom-by-Atom-Assembled Aluminum Binuclear Tetrabenzophenazine Organometallic Magnetic Complex. Nano Letters, 2020, 20, 384-388.	9.1	8
12	Inducing Open-Shell Character in Porphyrins through Surface-Assisted Phenalenyl Extension. Journal of the American Chemical Society, 2020, 142, 18109-18117.	13.7	41
13	The Kondo Effect of a Molecular Tip As a Magnetic Sensor. Nano Letters, 2020, 20, 8193-8199.	9.1	12
14	Vibron-assisted spin excitation in a magnetically anisotropic molecule. Nature Communications, 2020, 11, 1619.	12.8	9
15	Efficient Ab Initio Multiplet Calculations for Magnetic Adatoms on MgO. Journal of Physical Chemistry A, 2020, 124, 2318-2327.	2.5	11
16	Spin dependent transmission of nickelocene-Cu contacts probed with shot noise. Physical Review B, 2020, 101, .	3.2	12
17	Directionality in van der Waals Interactions: The Case of 4-Acetylbiphenyl Adsorbed on Au(111). Journal of Physical Chemistry C, 2020, 124, 4545-4551.	3.1	5
18	Cotunneling mechanism for all-electrical electron spin resonance of single adsorbed atoms. Physical Review B, 2019, 100, .	3.2	22

