

# Lucas M Arruda

## List of Publications by Year in descending order

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15  
papers

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citations

840776

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996975

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15  
docs citations

15  
times ranked

611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Thermal and Light-Induced Spin-State Switching of an Fe(II) Complex in Direct Contact with a Solid Surface. <i>ACS Nano</i> , 2015, 9, 8960-8966.	14.6	117
2	Evolution of cooperativity in the spin transition of an iron(II) complex on a graphite surface. <i>Nature Communications</i> , 2018, 9, 2984.	12.8	73
3	Vacuum-Evaporable Spin-Crossover Complexes in Direct Contact with a Solid Surface: Bismuth versus Gold. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1210-1219.	3.1	71
4	Vacuum-evaporable spin-crossover complexes: physicochemical properties in the crystalline bulk and in thin films deposited from the gas phase. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7870-7877.	5.5	65
5	Soft-x-ray-induced spin-state switching of an adsorbed Fe(II) spin-crossover complex. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 394003.	1.8	31
6	Europium Cyclooctatetraene Nanowire Carpets: A Low-Dimensional, Organometallic, and Ferromagnetic Insulator. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 911-917.	4.6	18
7	Effect of ligand methylation on the spin-switching properties of surface-supported spin-crossover molecules. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 114003.	1.8	18
8	A full gap above the Fermi level: the charge density wave of monolayer VS <sub>2</sub> . <i>Nature Communications</i> , 2021, 12, 6837.	12.8	16
9	Modifying the Magnetic Anisotropy of an Iron Porphyrin Molecule by an on-Surface Ring-Closure Reaction. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14547-14555.	3.1	15
10	Reversible Switching of Spiropyran Molecules in Direct Contact With a Bi(111) Single Crystal Surface. <i>Advanced Functional Materials</i> , 2017, 27, 1702280.	14.9	13
11	Highly Efficient and Bidirectional Photochromism of Spirooxazine on Au(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 8031-8036.	3.1	11
12	Surface-orientation- and ligand-dependent quenching of the spin magnetic moment of Co porphyrins adsorbed on Cu substrates. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12688-12696.	2.8	11
13	Thermal- and Light-Induced Spin-Crossover Characteristics of a Functional Iron(II) Complex at Submonolayer Coverage on HOPG. <i>Journal of Physical Chemistry C</i> , 2021, 125, 13925-13932.	3.1	9
14	Light-induced photoisomerization of a diarylethene molecular switch on solid surfaces. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 374001.	1.8	8
15	The temperature-dependent single-crystal Raman spectroscopy of a model dipeptide: l-Alanyl-l-alanine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 244-249.	3.9	6