Javier Navarro-Ruiz

List of Publications by Year
in descending order

9	103	1478458 6	1588975 8
papers	citations	h-index	g-index

11	11	11	106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computational Design of Pd Nanoclusters and Pd Single-Atom Catalysts Supported on O-Functionalized Graphene. ACS Applied Nano Materials, 2021, 4, 12235-12249.	5.0	9
2	Formamide Dehydration and Condensation on Acidic Montmorillonite: Mechanistic Insights from Ab-Initio Periodic Simulations. Lecture Notes in Computer Science, 2020, , 502-512.	1.3	0
3	Nucleobase Stacking at Clay Edges, a Favorable Interaction for RNA/DNA Oligomerization. ACS Earth and Space Chemistry, 2019, 3, 1023-1033.	2.7	5
4	Multiscale Computational Simulation of Amorphous Silicatesâ€™ Structural, Dielectric, and Vibrational Spectroscopic Properties. Minerals (Basel, Switzerland), 2018, 8, 353.	2.0	6
5	Prevalence of trans-Alkenes in Hydrogenation Processes on Metal Surfaces: A Density Functional Theory Study. Journal of Physical Chemistry C, 2018, 122, 25339-25348.	3.1	4
6	Relevance of silicate surface morphology in interstellar H₂formation. Insights from quantum chemical calculations. Monthly Notices of the Royal Astronomical Society, 2015, 453, 914-924.	4.4	23
7	Interstellar H adsorption and H₂formation on the crystalline (010) forsterite surface: a B3LYP-D2* periodic study. Physical Chemistry Chemical Physics, 2014, 16, 17447-17457.	2.8	28
8	B3LYP Periodic Study of the Physicochemical Properties of the Nonpolar (010) Mg-Pure and Fe-Containing Olivine Surfaces. Journal of Physical Chemistry A, 2014, 118, 5866-5875.	2.5	20
9	Surface Reaction of Acetylene with H-Terminated Silicon Surfaces. A Theoretical Study from Hybrid DFT-D2 Periodic Simulations. Journal of Physical Chemistry C, 2013, 117, 15130-15138.	3.1	6