

# J Ulises Reveles

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6843610/publications.pdf>

Version: 2024-02-01

16  
papers

782  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

694  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion Mobility Spectrometry Characterization of the Intermediate Hydrogen-Containing Gold Cluster Au <sub>7</sub> (PPh <sub>3</sub> ) <sub>3</sub> H <sub>5</sub> <sup>2+</sup> . Journal of Physical Chemistry Letters, 2021, 12, 2502-2508.	4.6	11
2	Ab Initio Molecular Dynamics Investigation of the Electronic and Structural Stability of Anionic O <sub>2</sub> <sup>-</sup> (H <sub>2</sub> O) <sub>n</sub> , <i>n</i> = 1-16 Clusters. Journal of Physical Chemistry A, 2019, 123, 7528-7535.	2.5	3
3	Influence of Interligand Interactions and Core-Charge Distribution on Gold Cluster Stability: Enthalpy Versus Entropy. Journal of Physical Chemistry C, 2019, 123, 24899-24911.	3.1	13
4	Electronic and Structural Study of Zn <sub>x</sub> S <sub>x</sub> [ <i>x</i> = 12, 16, 24, 28, 36, 48, 96, and 108] Cage Structures. Journal of Physical Chemistry A, 2017, 121, 3486-3493.	2.5	6
5	Hydrogen storage in bimetallic Ti-Al sub-nanoclusters supported on graphene. Physical Chemistry Chemical Physics, 2017, 19, 21174-21184.	2.8	16
6	Ti <sub>4</sub> - and Ni <sub>4</sub> -Doped Defective Graphene Nanoplatelets as Efficient Materials for Hydrogen Storage. Journal of Physical Chemistry C, 2016, 120, 5001-5009.	3.1	68
7	Water inhibits CO oxidation on gold cations in the gas phase. Structures and binding energies of the sequential addition of CO, H <sub>2</sub> O, O <sub>2</sub> , and N <sub>2</sub> onto Au <sup>+</sup> . Physical Chemistry Chemical Physics, 2016, 18, 28606-28616.	2.8	7
8	Electronic and Structural Properties of C <sub>60</sub> and Sc <sub>3</sub> N@C <sub>80</sub> Supported on Graphene Nanoflakes. Journal of Physical Chemistry C, 2016, 120, 26083-26092.	3.1	11
9	Structural changes of Pd <sub>13</sub> upon charging and oxidation/reduction. Journal of Chemical Physics, 2012, 136, 114505.	3.0	13
10	Magnetism of electrons in atoms and superatoms. Journal of Applied Physics, 2012, 112, 064313.	2.5	17
11	Designer magnetic superatoms. Nature Chemistry, 2009, 1, 310-315.	13.6	223
12	Highly efficient (Cs <sub>8</sub> V) superatom-based spin-polarizer. Applied Physics Letters, 2009, 95, .	3.3	26
13	H <sub>2</sub> O Nucleation around Au <sup>+</sup> . Journal of the American Chemical Society, 2007, 129, 15565-15571.	13.7	30
14	Equivalent delocalized internal coordinates. Computational and Theoretical Chemistry, 2006, 762, 171-178.	1.5	10
15	Multiple valence superatoms. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18405-18410.	7.1	197
16	Geometry optimization in density functional methods. Journal of Computational Chemistry, 2004, 25, 1109-1116.	3.3	131