

# J Ulises Reveles

## List of Publications by Year in descending order

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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	Designer magnetic superatoms. <i>Nature Chemistry</i> , 2009, 1, 310-315.	13.6	223
2	Multiple valence superatoms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18405-18410.	7.1	197
3	Geometry optimization in density functional methods. <i>Journal of Computational Chemistry</i> , 2004, 25, 1109-1116.	3.3	131
4	Ti <sub>4</sub> - and Ni <sub>4</sub> -Doped Defective Graphene Nanoplatelets as Efficient Materials for Hydrogen Storage. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5001-5009.	3.1	68
5	H <sub>2</sub> O Nucleation around Au <sup>+</sup> . <i>Journal of the American Chemical Society</i> , 2007, 129, 15565-15571.	13.7	30
6	Highly efficient (Cs8V) superatom-based spin-polarizer. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	26
7	Magnetism of electrons in atoms and superatoms. <i>Journal of Applied Physics</i> , 2012, 112, 064313.	2.5	17
8	Hydrogen storage in bimetallic Ti-Al sub-nanoclusters supported on graphene. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21174-21184.	2.8	16
9	Structural changes of Pd <sub>13</sub> upon charging and oxidation/reduction. <i>Journal of Chemical Physics</i> , 2012, 136, 114505.	3.0	13
10	Influence of Interligand Interactions and Core-Charge Distribution on Gold Cluster Stability: Enthalpy Versus Entropy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24899-24911.	3.1	13
11	Electronic and Structural Properties of C <sub>60</sub> and Sc <sub>3</sub> N@C <sub>80</sub> Supported on Graphene Nanoflakes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26083-26092.	3.1	11
12	Ion Mobility Spectrometry Characterization of the Intermediate Hydrogen-Containing Gold Cluster Au <sub>7</sub> (PPh <sub>3</sub> ) <sub>3</sub> ·7H <sub>2</sub> <sup>2+</sup> . <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2502-2508.	4.6	11
13	Equivalent delocalized internal coordinates. <i>Computational and Theoretical Chemistry</i> , 2006, 762, 171-178.	1.5	10
14	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> . <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 28606-28616.	2.8	7
15	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. <i>Journal of Physical Chemistry A</i> , 2017, 121, 3486-3493.	2.5	6
16	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. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7528-7535.	2.5	3