

# Angelo M Maniero

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

256  
citations

1307594

7  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

231  
citing authors

#	ARTICLE	IF	CITATIONS
1	A study of the electron structure of endohedrally confined atoms using a model potential. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 015003.	1.5	68
2	A new genetic algorithm to be used in the direct fit of potential energy curves to <i>ab initio</i> and spectroscopic data. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 085103.	1.5	38
3	Theoretical calculations of the structure and UV-vis absorption spectra of hydrated C60 fullerene. Carbon, 2006, 44, 2925-2930.	10.3	35
4	Time-dependent wave packet calculation of the LiH + H reactive scattering on a new potential energy surface. Chemical Physics Letters, 2009, 474, 18-22.	2.6	35
5	Full configuration interaction pseudopotential determination of the ground-state potential energy curves of Li2 and LiH. International Journal of Quantum Chemistry, 2005, 103, 711-717.	2.0	30
6	Theoretical calculations of a new potential energy surface for the H + Li2 reaction. Chemical Physics Letters, 2010, 490, 123-126.	2.6	16
7	Oscillating properties of a two-electron quantum dot in the presence of a magnetic field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 185001.	1.5	8
8	Theoretical-Experimental Study of Formic Acid Photofragmentation in the Valence Region. Journal of Physical Chemistry A, 2012, 116, 6693-6701.	2.5	7
9	Choice of atomic basis set for the study of two electrons in a harmonic anisotropic quantum dot using a configuration interaction approach. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 145004.	1.5	5
10	Effect of a laser field in the confinement potential of two electrons in a double quantum dot. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 095103.	1.5	5
11	Partitioning technique procedure revisited: Application to many-electron systems using the MÅller-Plesset Hamiltonian. International Journal of Quantum Chemistry, 2002, 90, 1586-1595.	2.0	3
12	On the oscillating properties of a two-electron quantum dot in the presence of a magnetic field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 11LT01.	1.5	3
13	A theoretical study on e-CO elastic collision using the configuration interaction method to describe the target. Brazilian Journal of Physics, 2005, 35, 945-949.	1.4	2
14	A theoretical procedure to treat elastic electron-molecule collision using the configuration-interaction method. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, L617-L624.	1.5	1
15	Elastic scattering of low-energy electrons by N2 including the effect of target electronic correlation. Chemical Physics, 2006, 320, 239-246.	1.9	0
16	Message from the QMCSA 2012 Chairs. , 2012, , .		0