Eberth Correa

List of Publications by Year
in descending order

22	93	1937685 4	1474206 9
papers	citations	h-index	g-index

23	23	23	51
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Field-theoretical renormalization group for a flat two-dimensional Fermi surface. Physical Review B, 2005, 71, .	3.2	32
2	Breakdown of the Fermi-liquid regime in the two-dimensional Hubbard model from a two-loop field-theoretical renormalization group approach. Physical Review B, 2008, 78, .	3.2	16
3	Quantum and classical study of vibrational states of Hâ€‰+2 and Hâ€‰+3 molecules. International Journal of Quantum Chemistry, 2003, 95, 149-152.	2.0	6
4	Two-loop renormalization group calculation of response functions for a two-dimensional flat Fermi surface. Physical Review B, 2008, 78, .	3.2	5
5	Spherical harmonics representation of the potential energy surface for the H2â‹¯H2 van der Waals complex. Journal of Molecular Modeling, 2020, 26, 277.	1.8	5
6	Theoretical study of the H + HCN â† H + HNC process. Journal of Molecular Modeling, 2017, 23, 169.	1.8	4
7	Renormalization group calculation of the uniform susceptibilities in low-dimensional systems. Journal of Physics A, 2006, 39, 7977-7992.	1.6	3
8	Insulating spin liquid in the lightly doped two-dimensional Hubbard model. Physical Review B, 2006, 73, .	3.2	3
9	A Functional Generalization of the Field-Theoretical Renormalization Group Approach for the Single-Impurity Anderson Model. Journal of Low Temperature Physics, 2012, 166, 192-207.	1.4	3
10	Fermi surface renormalization in two dimensions. Physica C: Superconductivity and Its Applications, 2004, 408-410, 254-256.	1.2	2
11	SUPERCONDUCTIVITY IN THE 2D ATTRACTIVE HUBBARD MODEL WITHIN A FUNCTIONAL FIELD-THEORETICAL RG. International Journal of Modern Physics B, 2011, 25, 3691-3706.	2.0	2
12	MOLECULAR DYNAMICS SIMULATION OF A TWO-DIMENSIONAL HEISENBERG FLUID. International Journal of Modern Physics C, 2012, 23, 1250026.	1.7	2
13	Rate constant calculations of the C2 + HCN â† CCCN+H addition via the Master Equation. Journal of Molecular Modeling, 2017, 23, 143.	1.8	2
14	Thermal rate constant for the C(³P) + OH(X²Î) â† CO(X¹Î£) + H(²S) reaction using stochastic energy grained master equation method. International Journal of Chemical Kinetics, 2019, 51, 590-601.	1.6	2
15	Isocyanoacetylene and cyanoacetylene formation study from C₂H₂ + CN reaction. International Journal of Chemical Kinetics, 2022, 54, 309-316.	1.6	2
16	Oscilador harmÃ´nico com massa variÃ¡vel e a segunda lei de Newton. Revista Brasileira De Ensino De Fisica, 2011, 33, 4307-4307.	0.2	1
17	Fermi surface renormalization and quantum confinement in the two-coupled chains model. European Physical Journal B, 2014, 87, 1.	1.5	1
18	Kinetics and mechanism of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si18.svg"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CH</mml:mtext></mml:mrow><mml:mrow><mml:mn>3</mml: with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si19.svg"><mml:mrow><mml:msub><mml:mrow><mml:mtext>H</mml:mtext></m. Chemical Physics Letters, 2019, 734, 136699.	2.6	1

#	Article	IF	Citations
19	Range, range strength and anisotropies of molecule-molecule interactions: Ab initio calculations, spherical harmonics expansions, and the second virial coefficient for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si164.svg"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:mo>â‹</mml:mo><mml:mi mathvariant="normal">F</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msu.	2.6	1
20	Graphical Visualization on Computational Simulation Using Shared Memory. Journal of Physics: Conference Series, 2014, 487, 012014.	0.4	0
21	Solution of the 1d SchrÃ¶dinger Equation for a Symmetric Well. Revista Brasileira De Ensino De Fisica, 2019, 41, .	0.2	0
22	A Simple Monte Carlo Simulation For the Two Dimensional Attractive Hubbard Model. Journal of Physics: Conference Series, 2020, 1483, 012002.	0.4	0