Ricardo M Ferullo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4545769/publications.pdf

Version: 2024-02-01

21 papers	256 citations	933447 10 h-index	996975 15 g-index
21 all docs	21 docs citations	21 times ranked	344 citing authors

#	Article	IF	Citations
1	Aluminum adsorption on graphene: Theoretical study of dispersion effects. Journal of Theoretical and Computational Chemistry, 2019, 18, 1950019.	1.8	3
2	Hydrogenated polycyclic aromatic hydrocarbons (H_nPAHs) as catalysts for hydrogenation reactions in the interstellar medium: a quantum chemical model. Physical Chemistry Chemical Physics, 2019, 21, 12012-12020.	2.8	12
3	Water dissociation at the Au/Î±-Fe2O3(0001) interface. Molecular Catalysis, 2018, 446, 10-22.	2.0	6
4	Interaction of atomic hydrogen with anthracene and polyacene from density functional theory. Chemical Physics Letters, 2016, 648, 25-30.	2.6	7
5	Interaction of aluminum dimer with defective graphene. Computational and Theoretical Chemistry, 2015, 1059, 27-34.	2.5	11
6	Adsorption of 2-propanol on MgO surface: A combined experimental and theoretical study. Applied Surface Science, 2015, 327, 268-276.	6.1	14
7	DFT study on the interaction between atomic aluminum and graphene. Journal of Theoretical and Computational Chemistry, 2014, 13, 1450055.	1.8	7
8	Formation of nitric oxide dimers on MgO-supported gold particles. Surface Science, 2012, 606, 1948-1953.	1.9	5
9	Interaction of NO with Au nanoparticles supported on (100) terraces and topological defects of MgO. Surface Science, 2011, 605, 81-88.	1.9	11
10	DFT study of isocyanate chemisorption on Cu(100). Surface Science, 2011, 605, 1202-1208.	1.9	10
11	On the performance of van der Waals corrected-density functional theory in describing the atomic hydrogen physisorption on graphite. Chemical Physics Letters, 2010, 500, 283-286.	2.6	25
12	Chemisorption of isocyanate (NCO) on the Pd(100) surface at different coverages. Surface Science, 2010, 604, 442-450.	1.9	10
13	CO interaction with Au atoms adsorbed on terrace, edge and corner sites of the MgO(100) surface. Electronic structure and vibrational analysis from DFT. Surface Science, 2009, 603, 1262-1269.	1.9	15
14	Formation of Ag2, Au2 and AgAu particles on MgO(100): DFT study on the role of support-induced charge transfer in metalâ€“metal interactions. Applied Surface Science, 2009, 255, 7380-7384.	6.1	10
15	Adsorption of NO on Au atoms and dimers supported on MgO(100): DFT studies. Surface Science, 2008, 602, 1669-1676.	1.9	17
16	DFT study of NH3 dissociation on Si(111)-7Ã—7. The role of intermolecular interactions. Surface Science, 2007, 601, 1870-1875.	1.9	4
17	Theoretical study of N2O2 interaction with BaO(100) surface. Computational and Theoretical Chemistry, 2007, 818, 57-64.	1.5	6
18	Oxygen vacancies and peroxo groups on regular and low-coordinated sites of MgO, CaO, SrO, and BaO surfaces. Surface Science, 2006, 600, 1147-1154.	1.9	46

#	Article	IF	Citations
19	A quantum-chemical study of CO adsorption on small Cu particles supported on reduced SiO2. Journal of Molecular Catalysis A, 2005, 234, 121-127.	4.8	8
20	NCO formation from CO and NH species over Rh2. Journal of Molecular Catalysis A, 2004, 212, 359-364.	4.8	8
21	NCO adsorption over SiO2 and Cu/SiO2 cluster models from density functional theory. Journal of Molecular Catalysis A, 2004, 221, 155-162.	4.8	21