Irma ChacÃ³n

List of Publications by Year
in descending order

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13 papers	265 citations	1040056 9 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	428 citing authors

#	Article	IF	Citations
1	Synergistic effect of propargyl alcohol, octadecylamine, and 1,3-dibutyl thiourea for API P110 alloys in acetic and formic acidic solutions used in oil well acidizing. Journal of Molecular Liquids, 2018, 256, 548-557.	4.9	11
2	Interaction of polyelectrolyte complex between sodium alginate and chitosan dimers with a single glyphosate molecule: A DFT and NBO study. Carbohydrate Polymers, 2018, 198, 51-60.	10.2	40
3	Effect of the Metalâ€“Support Interaction on the Adsorption of NO on Pd₄/Î³-Al₂O₃: A Density Functional Theory and Natural Bond Orbital Study. Journal of Physical Chemistry C, 2017, 121, 14147-14155.	3.1	3
4	Evaluation of single-point equations to determine intrinsic viscosity of sodium alginate and chitosan with high deacetylation degree. Polymer Testing, 2017, 63, 427-433.	4.8	21
5	The Effect of Gamma-Al2O3Support on the NO Adsorption on Pd4Cluster. Journal of the Brazilian Chemical Society, 2016, , .	0.6	2
6	DFT study of ethanol dehydration catalysed by hematite. RSC Advances, 2016, 6, 40408-40417.	3.6	10
7	New polyelectrolyte complex from pectin/chitosan and montmorillonite clay. Carbohydrate Polymers, 2016, 146, 123-130.	10.2	66
8	Experimental and theoretical studies on the complexes between cisplatin and guanidinoacetic acid. Polyhedron, 2015, 102, 313-320.	2.2	3
9	Molecular structure, natural bond analysis, vibrational, and electronic spectra of aspartateguanidoacetatenickel(II), [Ni(Asp)(GAA)]Â·H2O: DFT quantum mechanical calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 1041-1051.	3.9	12
10	Density Functional Theory studies on interactions of phosphoryl ligands with a pentaaqua Ca2+ complex: Bond interaction analysis. Computational and Theoretical Chemistry, 2012, 999, 7-12.	2.5	2
11	Title is missing!. ScienceAsia, 2011, 37, 247.	0.5	31
12	Density Functional Theory Study of the Adsorption of Formaldehyde on Pd₄ and on Pd₄/Î³-Al₂O₃ Clusters. Journal of Physical Chemistry A, 2008, 112, 8929-8937.	2.5	29
13	Density Functional Theory Study of Benzene Adsorption on Small Pd and Pt Clusters. Journal of Physical Chemistry C, 2007, 111, 11068-11076.	3.1	35