

# Irma ChacÃ³n

## List of Publications by Year in descending order

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13  
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docs citations

13  
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428  
citing authors

#	ARTICLE	IF	CITATIONS
1	New polyelectrolyte complex from pectin/chitosan and montmorillonite clay. Carbohydrate Polymers, 2016, 146, 123-130.	10.2	66
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	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
4	Title is missing!. ScienceAsia, 2011, 37, 247.	0.5	31
5	Density Functional Theory Study of the Adsorption of Formaldehyde on Pd <sub>4</sub> and on Pd <sub>4</sub> /Al <sub>2</sub> O <sub>3</sub> Clusters. Journal of Physical Chemistry A, 2008, 112, 8929-8937.	2.5	29
6	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
7	Molecular structure, natural bond analysis, vibrational, and electronic spectra of aspartateguanidoacetatenickel(II), [Ni(Asp)(GAA)]·H <sub>2</sub> O: DFT quantum mechanical calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 1041-1051.	3.9	12
8	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
9	DFT study of ethanol dehydration catalysed by hematite. RSC Advances, 2016, 6, 40408-40417.	3.6	10
10	Experimental and theoretical studies on the complexes between cisplatin and guanidinoacetic acid. Polyhedron, 2015, 102, 313-320.	2.2	3
11	Effect of the Metal-Support Interaction on the Adsorption of NO on Pd <sub>4</sub> /Al <sub>2</sub> O <sub>3</sub> : A Density Functional Theory and Natural Bond Orbital Study. Journal of Physical Chemistry C, 2017, 121, 14147-14155.	3.1	3
12	Density Functional Theory studies on interactions of phosphoryl ligands with a pentaqua Ca <sup>2+</sup> complex: Bond interaction analysis. Computational and Theoretical Chemistry, 2012, 999, 7-12.	2.5	2
13	The Effect of Gamma-Al <sub>2</sub> O <sub>3</sub> Support on the NO Adsorption on Pd <sub>4</sub> Cluster. Journal of the Brazilian Chemical Society, 2016, , .	0.6	2