

# Youghourta Belhocine

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9037168/publications.pdf>

Version: 2024-02-01

9  
papers

138  
citations

1163117  
8  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale study of the structure and hydrogen storage capacity of an aluminum metal-organic framework. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 15271-15282.	7.1	25
2	Structural, electronic, and energetic investigations of acrolein adsorption on B36 borophene nanosheet: a dispersion-corrected DFT insight. <i>Journal of Molecular Modeling</i> , 2020, 26, 128.	1.8	21
3	Inclusion complexation of chloroquine with $\beta$ - and $\gamma$ -cyclodextrin: Theoretical insights from the new B97-3c composite method. <i>Journal of Molecular Structure</i> , 2021, 1227, 129696.	3.6	21
4	Structural and energetic investigation on the host/guest inclusion process of benzyl isothiocyanate into $\beta$ -cyclodextrin using dispersion-corrected DFT calculations. <i>Carbohydrate Research</i> , 2020, 491, 107980.	2.3	18
5	First-principles investigation of hydrogen storage on lead(II)-based metal-organic framework. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 2711-2719.	7.1	13
6	Balance between physical and chemical interactions of second-row diatomic molecules with graphene sheet. <i>Superlattices and Microstructures</i> , 2017, 102, 45-55.	3.1	12
7	DFT-D4 Insight into the Inclusion of Amphetamine and Methamphetamine in Cucurbit[7]uril: Energetic, Structural and Biosensing Properties. <i>Molecules</i> , 2021, 26, 7479.	3.8	11
8	A Dispersion Corrected DFT Investigation of the Inclusion Complexation of Dexamethasone with $\beta$ -Cyclodextrin and Molecular Docking Study of Its Potential Activity against COVID-19. <i>Molecules</i> , 2021, 26, 7622.	3.8	9
9	A DFT investigation of the host-guest interactions between boron-based aromatic systems and $\beta$ -cyclodextrin. <i>Structural Chemistry</i> , 2022, 33, 195-206.	2.0	8