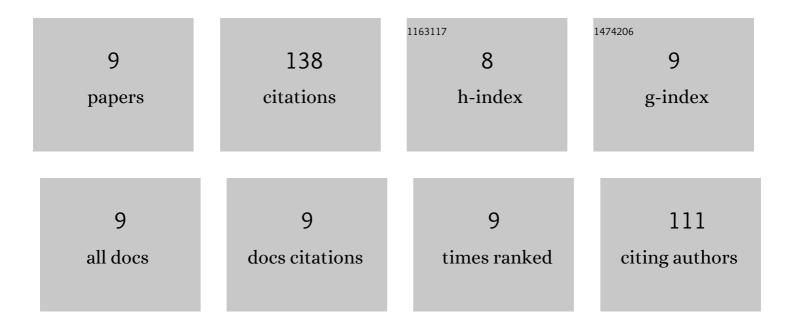
## Youghourta Belhocine

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Multiscale study of the structure and hydrogen storage capacity of an aluminum metal-organic framework. International Journal of Hydrogen Energy, 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. Journal of Molecular Modeling, 2020, 26, 128.	1.8	21
3	Inclusion complexation of chloroquine with $\hat{I}_{\pm}$ and $\hat{I}^2$ -cyclodextrin: Theoretical insights from the new B97-3c composite method. Journal of Molecular Structure, 2021, 1227, 129696.	3.6	21
4	Structural and energetic investigation on the host/guest inclusion process of benzyl isothiocyanate into β-cyclodextrin using dispersion-corrected DFT calculations. Carbohydrate Research, 2020, 491, 107980.	2.3	18
5	First-principles investigation of hydrogen storage on lead(II)-based metal-organic framework. International Journal of Hydrogen Energy, 2016, 41, 2711-2719.	7.1	13
6	Balance between physical and chemical interactions of second-row diatomic molecules with graphene sheet. Superlattices and Microstructures, 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. Molecules, 2021, 26, 7479.	3.8	11
8	A Dispersion Corrected DFT Investigation of the Inclusion Complexation of Dexamethasone with β-Cyclodextrin and Molecular Docking Study of Its Potential Activity against COVID-19. Molecules, 2021, 26, 7622.	3.8	9
9	A DFT investigation of the host–guest interactions between boron-based aromatic systems and β-cyclodextrin. Structural Chemistry, 2022, 33, 195-206.	2.0	8