Saber Gueddida

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7124760/publications.pdf

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		1477746	1372195
10	125	6	10
papers	citations	h-index	g-index

10	10	10	127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of halogenation on the optical and electronic properties of tetrathienoanthracene and tetrathionoacridine derivatives: A DFT study. Computational Condensed Matter, 2021, 26, e00528.	0.9	1
2	Competitive adsorption of phenol and toluene onto silica-supported transition metal clusters for biofuel purification. Molecular Systems Design and Engineering, 2021, 6, 817-824.	1.7	7
3	Ab initio investigation of the adsorption of phenolic compounds, CO, and H<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e943" altimg="si45.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>O over metallic cluster/silica catalysts for hydrodeoxygenation process. Applied Surface Science, 2021, 567, 150790.	3.1	11
4	Selective adsorption of glucose towards itaconic acid on amorphous silica surfaces: Insights from density functional theory calculations. Journal of Molecular Liquids, 2021, 343, 117586.	2.3	5
5	Adsorption of methylene blue on silica nanoparticles: Modelling analysis of the adsorption mechanism via a double layer model. Journal of Molecular Liquids, 2020, 319, 114348.	2.3	28
6	Interaction between transition metals (Co, Ni, and Cu) systems and amorphous silica surfaces: A DFT investigation. Applied Surface Science, 2020, 533, 147422.	3.1	20
7	Assessing the Potential of Amorphous Silica Surfaces for the Removal of Phenol from Biofuel: A Density Functional Theory Investigation. Journal of Physical Chemistry C, 2020, 124, 20262-20269.	1.5	11
8	Grafting of iron on amorphous silica surfaces from ab initio calculations. Journal of Chemical Physics, 2020, 152, 214706.	1.2	13
9	A theoretical investigation of the effect of fluorination and bromination on the optoelectronic properties of tetrathienophenazine derivatives. Computational Materials Science, 2020, 177, 109578.	1.4	6
10	Atomistic description of phenol, CO and H2O adsorption over crystalline and amorphous silica surfaces for hydrodeoxygenation applications. Applied Surface Science, 2019, 494, 721-730.	3.1	23