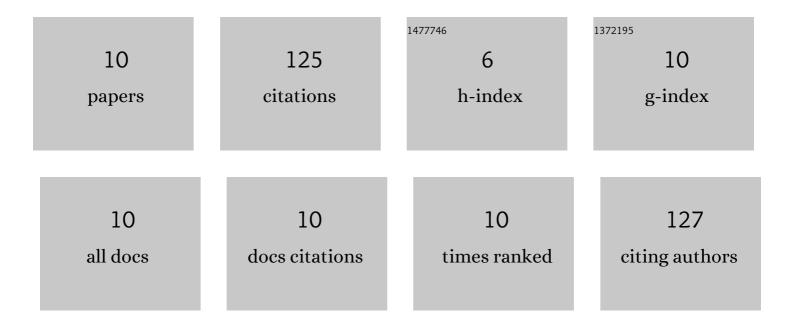
Saber Gueddida

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7124760/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	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
3	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
4	Grafting of iron on amorphous silica surfaces from <i>ab initio</i> calculations. Journal of Chemical Physics, 2020, 152, 214706.	1.2	13
5	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
6	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:mrow </mml:msub>O over metallic churter for budge degragements on process Applied Surface Science 2021 567 150700</mml:math 	3.1	11
7	cluster/silica catalysts for hydrodeoxygenation process. Applied Surface Science, 2021, 567, 150790. 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
8	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
9	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
10	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