

# Saber Gueddida

## List of Publications by Year in descending order

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

Version: 2024-02-01

10  
papers

125  
citations

1477746

6  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of methylene blue on silica nanoparticles: Modelling analysis of the adsorption mechanism via a double layer model. <i>Journal of Molecular Liquids</i> , 2020, 319, 114348.	2.3	28
2	Atomistic description of phenol, CO and H <sub>2</sub> O adsorption over crystalline and amorphous silica surfaces for hydrodeoxygenation applications. <i>Applied Surface Science</i> , 2019, 494, 721-730.	3.1	23
3	Interaction between transition metals (Co, Ni, and Cu) systems and amorphous silica surfaces: A DFT investigation. <i>Applied Surface Science</i> , 2020, 533, 147422.	3.1	20
4	Grafting of iron on amorphous silica surfaces from <i>ab initio</i> calculations. <i>Journal of Chemical Physics</i> , 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. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20262-20269.	1.5	11
6	Ab initio investigation of the adsorption of phenolic compounds, CO, and H <sub>2</sub> O over metallic cluster/silica catalysts for hydrodeoxygenation process. <i>Applied Surface Science</i> , 2021, 567, 150790.	3.1	11
7	Competitive adsorption of phenol and toluene onto silica-supported transition metal clusters for biofuel purification. <i>Molecular Systems Design and Engineering</i> , 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. <i>Computational Materials Science</i> , 2020, 177, 109578.	1.4	6
9	Selective adsorption of glucose towards itaconic acid on amorphous silica surfaces: Insights from density functional theory calculations. <i>Journal of Molecular Liquids</i> , 2021, 343, 117586.	2.3	5
10	Effect of halogenation on the optical and electronic properties of tetrathienoanthracene and tetrathienoacridine derivatives: A DFT study. <i>Computational Condensed Matter</i> , 2021, 26, e00528.	0.9	1