

# Nastaran Askari Ardehjani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8300091/publications.pdf>

Version: 2024-02-01

8  
papers

115  
citations

1307366

7  
h-index

1719901

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of O <sub>3</sub> , SO <sub>2</sub> and NO <sub>2</sub> molecules on the surface of pure and Fe-doped silicon carbide nanosheets: A computational study. Applied Surface Science, 2018, 462, 685-692.	3.1	26
2	Theoretical study of ozone adsorption on the surface of Fe, Co and Ni doped boron nitride nanosheets. Applied Surface Science, 2018, 444, 642-649.	3.1	25
3	Exploring the adsorption of CO toxic gas on pristine and M-doped (M = Ti, Cr, Fe, Ni and Zn) GaN nanosheets. New Journal of Chemistry, 2019, 43, 15280-15292.	1.4	18
4	Adsorption behaviour of NO, NO <sub>2</sub> , CO and CS <sub>2</sub> molecules on the surface of carbon-doped gallium nitride nanosheet: A DFT study. Surface Science, 2022, 717, 121988.	0.8	14
5	DFT investigation of metal doped graphene capacity for adsorbing of ozone, nitrogen dioxide and sulfur dioxide molecules. Adsorption, 2019, 25, 661-667.	1.4	11
6	Theoretical investigation of nitric oxide adsorption on the surface of pure and metal (Ti, Cr, Fe, Ni and) Tj ETQq0 0 0 rgBT /Overlock 10 T 120, 114075.	1.3	11
7	Adsorption performance of M-doped (M = Ti and Cr) gallium nitride nanosheets towards SO <sub>2</sub> and NO <sub>2</sub> : a DFT-D calculation. RSC Advances, 2020, 10, 27805-27814.	1.7	9
8	Adsorption performance of TM doped (TM = Fe, Ni, Cr and Zn) silicon carbide nanotubes towards formaldehyde: a DFT-M06-L study. Molecular Physics, 0, , .	0.8	1