

Nastaran Askari Ardehjani

List of Publications by Year in descending order

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8
papers

115
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1307366

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citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption behaviour of NO, NO ₂ , CO and CS ₂ molecules on the surface of carbon-doped gallium nitride nanosheet: A DFT study. <i>Surface Science</i> , 2022, 717, 121988.	0.8	14
2	Adsorption performance of M-doped (M = Ti and Cr) gallium nitride nanosheets towards SO ₂ and NO ₂ : a DFT-D calculation. <i>RSC Advances</i> , 2020, 10, 27805-27814.	1.7	9
3	Theoretical investigation of nitric oxide adsorption on the surface of pure and metal (Ti, Cr, Fe, Ni and Zn) doped GaN nanosheets. <i>Journal of Theoretical Chemistry</i> , 2021, 120, 114075.	1.3	11
4	Exploring the adsorption of CO toxic gas on pristine and M-doped (M = Ti, Cr, Fe, Ni and Zn) GaN nanosheets. <i>New Journal of Chemistry</i> , 2019, 43, 15280-15292.	1.4	18
5	DFT investigation of metal doped graphene capacity for adsorbing of ozone, nitrogen dioxide and sulfur dioxide molecules. <i>Adsorption</i> , 2019, 25, 661-667.	1.4	11
6	Theoretical study of ozone adsorption on the surface of Fe, Co and Ni doped boron nitride nanosheets. <i>Applied Surface Science</i> , 2018, 444, 642-649.	3.1	25
7	Adsorption of O ₃ , SO ₂ and NO ₂ molecules on the surface of pure and Fe-doped silicon carbide nanosheets: A computational study. <i>Applied Surface Science</i> , 2018, 462, 685-692.	3.1	26
8	Adsorption performance of TM doped (TM = Fe, Ni, Cr and Zn) silicon carbide nanotubes towards formaldehyde: a DFT-M06-L study. <i>Molecular Physics</i> , 2021, 246, 107701.	0.8	1