

Forough Kalantari Fotooh

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

86
citations

1684188
5
h-index

1474206
9
g-index

13
all docs

13
docs citations

13
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Density functional study of Al/N co-doped (10,0) zigzag single-walled carbon nanotubes as CO sensor. Computational Materials Science, 2014, 82, 497-502.	3.0	23
2	Computational study of super cell Al-substituted single-walled carbon nanotubes as CO sensor. Computational Materials Science, 2012, 58, 45-50.	3.0	18
3	A DFT study of the structural and electronic properties of periodic forms of aniline and pyrrole polymers and aniline-pyrrole copolymer. Journal of Molecular Modeling, 2018, 24, 148.	1.8	13
4	Interaction of Lead Metal with Single Walled AlN Nanotube: A Computational Study. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 1274-1280.	3.7	6
5	Density functional calculations of nickel, palladium and cadmium adsorption onto (10,0) single-walled carbon nanotube. Journal of Molecular Modeling, 2019, 25, 185.	1.8	5
6	Theoretical Study of the Effect of Simultaneous Doping with Silicon, on Structure and Electronic Properties of Adamantane. Russian Journal of Physical Chemistry B, 2019, 13, 1-8.	1.3	5
7	Methane adsorption on the surface of metal (Fe, Ni, Pd) decorated SWCNT: A density functional theory (DFT) study. Surface Science, 2021, 713, 121913.	1.9	5
8	Synthesis, characterization, and application of monodisperse poly L-Dopa microspheres. Turkish Journal of Chemistry, 2018, 42, 1370-1383.	1.2	3
9	H ₂ S adsorption on pristine and metal-decorated (8, 0) SWCNT: a first principle study. Journal of Molecular Modeling, 2021, 27, 143.	1.8	3
10	Theoretical Study of Interaction Between Methanol and Metal Encapsulated Single Walled Carbon Nanotubes. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 465-476.	3.7	2
11	Combined experimental and theoretical investigation of optical and structural properties of poly aniline derivatives. Chemical Papers, 2021, 75, 9-25.	2.2	2
12	H ₃ PW ₁₂ O ₄₀ catalyzed new and multicomponent one-pot synthesis of 6-benzo[<i>a</i>]phenazin-5-ol derivatives of highly functionalized oxazoles via Robinson-Gabriel-type reaction. Inorganic and Nano-Metal Chemistry, 0, , 1-15.	1.6	1
13	A Simple and Efficient One-Pot Route for the Synthesis of 3-[1-Aryl(Alkyl)-2-Pyridin-2-yl-Ethyl]-4-Hydroxy-6-Methyl-2H-Pyran-2-Ones under Catalyst-Free Conditions. Polycyclic Aromatic Compounds, 2020, , 1-6.	2.6	0