

Xin He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4111144/publications.pdf>

Version: 2024-02-01

8

papers

317

citations

1478505

6

h-index

1720034

7

g-index

8

all docs

8

docs citations

8

times ranked

186

citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic properties of Ptn ($n=4, 13, 15$) nanoclusters decorated MoSe ₂ monolayer and its effect on C ₂ H ₂ adsorption: First principles study. Applied Surface Science, 2021, 563, 150375.	6.1	11
2	A DFT study of dissolved gas (C ₂ H ₂ , H ₂ , CH ₄) detection in oil on CuO-modified BNNT. Applied Surface Science, 2020, 500, 144030.	6.1	123
3	Adsorption properties of pristine and Co-doped TiO ₂ (100) toward dissolved gas analysis in transformer oil. Applied Surface Science, 2020, 507, 145163.	6.1	79
4	First-Principles Study on the Potential of Monolayer Ti ₂ N as an Adsorbent for Dissolved H ₂ and C ₂ H ₂ Gases in Oil. ACS Applied Nano Materials, 2020, 3, 12346-12354.	5.0	6
5	Comparison of sensing and electronic properties of C ₂ H ₂ on different transition metal oxide nanoparticles (Fe ₂ O ₃ , NiO, TiO ₂) modified BNNT (10, 0). Applied Surface Science, 2020, 521, 146463.	6.1	59
6	TiO ₂ nanotubes based gas-sensing materials for SF ₆ decomposition products detection: A review. , 2020, , .		0
7	Adsorption of SF ₆ Decomposition Components on Pt-Doped Graphyne Monolayer: A DFT Study. IEEE Access, 2019, 7, 124026-124033.	4.2	9
8	Pt Cluster Modified h-BN for Gas Sensing and Adsorption of Dissolved Gases in Transformer Oil: A Density Functional Theory Study. Nanomaterials, 2019, 9, 1746.	4.1	30