

Ather Hassan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7077808/publications.pdf>

Version: 2024-02-01

18
papers

287
citations

1040056

9
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Radio Refractivity in the Troposphere Over the Big Cities of Pakistan. Journal of Geovisualization and Spatial Analysis, 2022, 6, 1.	4.3	2
2	Prediction of atomically thin two-dimensional single monolayer SnGe with high carrier mobility: a DFT study. New Journal of Chemistry, 2022, 46, 5368-5373.	2.8	2
3	COVID-19 persuaded lockdown impact on local environmental restoration in Pakistan. Environmental Monitoring and Assessment, 2022, 194, 272.	2.7	2
4	Significantly improved electrochemical characteristics of nickel sulfide nanoplates using graphene oxide thin film for supercapacitor applications. Journal of Energy Storage, 2021, 33, 102091.	8.1	24
5	A new 2D Si ₃ X(X=S, O) direct band gap semiconductor with anisotropic carrier mobility. Surface Science, 2021, 704, 121736.	1.9	4
6	Monetization of the environmental damage caused by fossil fuels. Environmental Science and Pollution Research, 2021, 28, 21204-21211.	5.3	89
7	Optoelectronic and solar cell applications of ZnO nanostructures. Results in Surfaces and Interfaces, 2021, 2, 100003.	2.4	15
8	Evaluation of adverse effects of particulate matter on human life. Heliyon, 2021, 7, e05968.	3.2	10
9	Ab-initio study of molybdenum carbide (Mo ₂ C) as an adsorption-based filter. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 392, 127119.	2.1	4
10	Ab-initio characterization of B ₄ C ₃ monolayer as a toxic gases sensing material. Applied Surface Science, 2021, 544, 148877.	6.1	14
11	Strategy to enhance the electrochemical characteristics of lanthanum sulfide nanorods for supercapacitor applications. Journal of Nanoparticle Research, 2021, 23, 1.	1.9	10
12	Enhanced photocatalytic Activity of Ferromagnetic Fe-doped NiO nanoparticles. Optik, 2020, 202, 163637.	2.9	36
13	Structural, magnetic and electrical investigations of Fe _{1-x} Mn _x (0 ≤ x ≤ 0.39) alloy nanowires via electrodeposition in AAO templates. Solid State Sciences, 2020, 107, 106351.	3.2	3
14	Ferrimagnetic to antiferromagnetic transition and complex impedance analysis of Cr-doped magnesium ferrite nanoparticles. Journal of Materials Science: Materials in Electronics, 2020, 31, 8578-8588.	2.2	6
15	A comparative study of magnetic, photocatalytic and dielectric properties of NiO nanoparticles synthesized by sol-gel and composite hydroxide mediated method. Ceramics International, 2019, 45, 17289-17297.	4.8	27
16	Photocatalytic activity and two-magnon behavior in nickel oxide nanoparticles with different silica concentration. Journal of Applied Physics, 2019, 125, .	2.5	9
17	Investigation of gamma irradiation effects on the properties of CdS/p-Si heterostructure. Materials Science in Semiconductor Processing, 2019, 93, 44-49.	4.0	12
18	Solar light triggered photocatalytic performance of WO ₃ nanostructures; waste water treatment. Materials Research Express, 2018, 5, 115025.	1.6	18