

Ather Hassan

List of Publications by Year in descending order

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18
papers

287
citations

1040056

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h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Monetization of the environmental damage caused by fossil fuels. Environmental Science and Pollution Research, 2021, 28, 21204-21211.	5.3	89
2	Enhanced photocatalytic Activity of Ferromagnetic Fe-doped NiO nanoparticles. Optik, 2020, 202, 163637.	2.9	36
3	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
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	Solar light triggered photocatalytic performance of WO ₃ nanostructures; waste water treatment. Materials Research Express, 2018, 5, 115025.	1.6	18
6	Optoelectronic and solar cell applications of ZnO nanostructures. Results in Surfaces and Interfaces, 2021, 2, 100003.	2.4	15
7	Ab-initio characterization of B4C3 monolayer as a toxic gases sensing material. Applied Surface Science, 2021, 544, 148877.	6.1	14
8	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
9	Evaluation of adverse effects of particulate matter on human life. Heliyon, 2021, 7, e05968.	3.2	10
10	Strategy to enhance the electrochemical characteristics of lanthanum sulfide nanorods for supercapacitor applications. Journal of Nanoparticle Research, 2021, 23, 1.	1.9	10
11	Photocatalytic activity and two-magnon behavior in nickel oxide nanoparticles with different silica concentration. Journal of Applied Physics, 2019, 125, .	2.5	9
12	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
13	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
14	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
15	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
16	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
17	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
18	COVID-19 persuaded lockdown impact on local environmental restoration in Pakistan. Environmental Monitoring and Assessment, 2022, 194, 272.	2.7	2