

# Hira Affan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1674802/publications.pdf>

Version: 2024-02-01

7  
papers

87  
citations

2258059

3  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulating the $\beta$ -ray and neutron attenuation properties of lithium borate glasses doped barite: efficient and deterministic analysis using relevant simulation codes. <i>Journal of Materials Research and Technology</i> , 2022, 17, 679-699.	5.8	3
2	Explaining the temperature effects on the magnetization dynamics of non-interacting antiferromagnetic nanoparticles across wide ranges of frequencies and damping. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 560, 169635.	2.3	2
3	Confirming the SERS enhancement at large mapping area using self-assembly of silver nanocube at liquid-liquid cyclohexane/water interface. <i>Journal of Molecular Liquids</i> , 2021, 326, 115365.	4.9	10
4	Computational and experimental investigations on electronic and optical response of oxygenated MoS <sub>2</sub> . <i>Physica Scripta</i> , 2021, 96, 125871.	2.5	3
5	Comparison of operator splitting schemes for the numerical solution of the Allen-Cahn equation. <i>AIP Advances</i> , 2019, 9, .	1.3	7
6	Analysis of Homotopy Perturbation Method for Solving Fractional Order Differential Equations. <i>Mathematics</i> , 2019, 7, 40.	2.2	62
7	Study of front instability in advection–reaction–diffusion systems. <i>International Journal of Modern Physics B</i> , 2017, 31, 1750191.	2.0	0