

Hira Affan

List of Publications by Year in descending order

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