Ramesh Kumar

List of Publications by Year
in descending order

15 papers	163 citations	1478505 6 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	75 citing authors

#	Article	IF	Citations
1	Structural, electronic and topological properties of NaCaBi and KBaBi compounds. Journal of Physics and Chemistry of Solids, 2022, 161, 110416.	4.0	3
2	Band gap engineering of 2H-MX2 (M=Mo; X =S, Se, Te) monolayers using strain effect. Materials Today: Proceedings, 2022, 54, 677-681.	1.8	6
3	Theoretical study of highly efficient $CH_3NH_3SnI_3$ based perovskite solar cell with $CuInS_2$ quantum dot. Semiconductor Science and Technology, 2022, 37, 025010.	2.0	3
4	Ab-initio study of topological phase tuning in Half-Heusler YPdBi compound. Physica B: Condensed Matter, 2022, 640, 414056.	2.7	4
5	Surface engineering of Pt thin films by low energy heavy ion irradiation. Applied Surface Science, 2021, 540, 148338.	6.1	8
6	Investigation of CH3NH3PbI3 and CH3NH3SnI3 based perovskite solar cells with CuInSe2 nanocrystals. Optik, 2021, 246, 167839.	2.9	7
7	Roughening and sputtering kinetics of Pt thin films at different angles of ion irradiation. Materials Letters, 2021, 303, 130474.	2.6	3
8	Structural, electronic and elastic properties of topological pyrite-type OsSe2 semimetal. Materials Today: Proceedings, 2021, 46, 5823-5826.	1.8	1
9	Investigating the impact of layer properties on the performance of p-graphene/CH3NH3PbI3/n-cSi solar cell using numerical modelling. Superlattices and Microstructures, 2020, 140, 106468.	3.1	13
10	Graphene as charge transport layers in lead free perovskite solar cell. Materials Research Express, 2019, 6, 115611.	1.6	8
11	Fowler Nordheim Plot Analysis of Degradation in P3HT:PCBM Thin Film MIM Devices. Macromolecular Research, 2019, 27, 1045-1049.	2.4	1
12	Asymptotic Study to the N-Dimensional Radial Schrödinger Equation for the Quark-Antiquark System. Communications in Theoretical Physics, 2013, 59, 528-532.	2.5	53
13	Energy Spectra of the Coulomb Perturbed Potential in N-Dimensional Hilbert Space. Chinese Physics Letters, 2012, 29, 060306.	3.3	10
14	Reply to Comment on 'Series solutions to theN-dimensional radial Schrödinger equation for the quark–antiquark interaction potential'. Physica Scripta, 2012, 86, 027002.	2.5	4
15	Series solutions to the$N$-dimensional radial Schrödinger equation for the quark–antiquark interaction potential. Physica Scripta, 2012, 85, 055008.	2.5	39