

Ramesh Kumar

List of Publications by Year in descending order

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