

S.No.	Reference	Year of Publication	Impact Factor (Thomson Reuter)
1.	P. Sharma, G. Mathur, S.R. Dhakate, S. Chand, N. Goswami, S.K. Sharma, and A. Mathur, "Evaluation of physicochemical and biological properties of Chitosan / Poly (vinyl alcohol) polymer blend membranes and their correlation for Vero cell growth", Carbohydr. Polym., vol. 137, pp. 576-583, 2016.	2016	7.182
2.	V. Sharma, S. Sharda, Neha. Sharma, S. C. Katyal, and P. Sharma, "Chemical ordering and electronic properties of lone pair chalcogenide semiconductors", Prog. Solid. State Ch., vol. 54, pp. 31-44, 2019.	2019	6.353
3.	P. Tripathi, A.Bhatnagar, A. Ramesh, A. K. Vishwakarma, S. Singh, D. B. Baimare, A. D. Deshmukh, B. K. Gupta, and O.N. Srivastava, "Radially aligned CNTs derived carbon hollow cylinder architecture for efficient energy storage", Electrochim. Acta, vol. 354, pp.136650, 2020.	2020	6.216
4.	N. Goswami and P. Sen, "Water-driven Stabilization of Cadmium Sulphide Nanoparticles", Appl. Surf. Sci., vol. 425, pp. 576-584, 2017.	2017	6.182
5.	M. Tripathi, A. Bhatnagar, N. M. Mubarak, J. N. Sahu, and P. Ganesan, "RSM optimization of microwave pyrolysis parameters to produce OPS char with high yield and large BET surface area", Fuel, vol. 277, pp.118184, 2020.	2020	5.578
6.	A.P.S. Chauhan and K. Chawla, "Comparative Studies on Graphite and Carbon Black Powders and their Dispersions", J. Mol. Liq., vol. 221, pp. 292-297, 2016.	2016	5.065
7.	S. Singh, A. Bhatnagar, V. Shukla, A. K Vishwakarma, P. K Soni, S. K Verma, MA Shaz, ASK Sinha, and O.N Srivastava, "Ternary transition metal alloy FeCoNi nanoparticles on graphene as new catalyst for hydrogen sorption in MgH ₂ ", Int. J. Hydrog. Energy, vol.45, pp.774-786,2020.	2020	4.939
8.	S.Chauhan, M. Kumar, H.Pandey, S.Chhoker, and S.C.Katyal, "Ca–Li substitution driven structural, dynamics of electron density, magnetic and optical properties of BiFeO ₃ nanoparticles", J. Alloys Compd., vol. 811, pp. 151965-151967, 2019.	2019	4.650
9.	S. Joshi, V.B. Kamble, M..Kumar, A.M. Umarji, and G. Srivastava, "Nickel Substitution Induced Effects on Gas Sensing Properties of Cobalt Ferrite Nanoparticles", J. Alloys Compd., vol. 654, pp. 460-466, 2016.	2016	4.650
10.	M. Kumar, M. Arora, S. Chauhan, and S. Joshi, "Raman spectroscopy probed spin-two phonon coupling and improved magnetic and optical properties in Dy and Zr substituted BiFeO ₃ nanoparticles", J. Alloys Compd. , vol. 692, pp. 236-242, 2017.	2017	4.650

11.	S. Sharma and R.K. Dwivedi, "Substitutionally driven phase transition and enhanced multiferroic and electrical properties of $(1-x)\text{BiFeO}_3 - (x)\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3$ ceramics ($0.0 \leq x \leq 1.00$)", J. Alloys Compd., vol. 692, pp. 770 – 773, 2017.	2017	4.650
12.	V. Pal, A. Kumar, O.P. Thakur, R.K. Dwivedi, and N.E. Prasad, "Preparation, microstructure and relax or ferroelectric characteristics of BLNT–BCT lead-free piezoceramics", J. Alloys Compd., vol. 714, pp. 725-735, 2017.	2017	4.650
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14.	S. Sharma and S. Chhoker, "Efficient light harvesting using simple porphyrin-oxide pervoskite system", Sci. Rep., vol.10, pp.1-11, 2020.	2020	3.998
15.	P. Chowdhury "In silico investigation of phytoconstituents from Indian medicinal herb 'Tinospora cordifolia (giloy)' against SARS-CoV-2 (COVID-19) by molecular dynamics approach", J. Biomol. Struct. Dyn. , vol. 39, pp.1803968, 2020.	2020	3.92
16.	P. Bhandari, V. Malik, and S.R. Ahmad, "Critical behavior of the two-dimensional Coulomb glass at zero temperature", Phys. Rev. B, vol. 95, pp. 184203, 2017.	2017	3.575
17.	S. Nasa, and S.P. Purohit, "Linear and third order nonlinear optical properties of GaAs quantum dot in terahertz region", Physica E, vol. 118, pp.113913, 2020.	2020	3.57
18.	S. Bhardwaj, A.Pal, K. Chatterjee, T. H. Rana , G.Bhattacharya, S.S.Roy , P. Chowdhury , G. D. Sharma and S.Biswas, "Significant enhancement of power conversion efficiency of dye-sensitized solar cells by the incorporation of TiO_2 -Au nanocomposite in TiO_2 photoanode", J. Mater. Sci., vol. 53, pp. 8460-8473, 2018.	2018	3.533
19.	A.Panwar, V.Malik, S. Neeleshwar, and A.Bagga, "Probing the path for achieving a broad temperature plateau of the figure of merit in thermoelectric nanocomposite materials", Nanotechnology, vol. 31, pp. 035405, 2019.	2019	3.551
20.	M. Das, B. Sen, A. Ray, A. Pathak, "Lower order and higher order entanglement in four-wave mixing process", Ann. Phys. (Berlin) , vol. 530, pp. 1700160, 2018.	2018	3.317
21.	K. Mandal, A. Verma "Higher-order nonclassicality in photon added and subtracted qudit states", Ann. Phys. (Berlin), vol.532, pp.10, 2020.	2020	3.317

22.	P. Malpani, N. Alam, K. Thapliyal, A. Pathak, V. Narayanan, S. Banerjee, "Lower- and higher-order nonclassical properties of photon added and subtracted displaced Fock states," Ann. Phys. (Berlin), vol. 531, pp. 1800318, 2019.	2019	3.317
23.	S.Sharma, M. Kumar, and S.Chhoker, "Parameters dependent synthesis of zinc stannate nanowires using CVD and its porphyrin dye loaded optical studies", Vacuum, vol.160, pp. 201-208, 2019.	2019	2.906
24.	P. Bhandari, and V. Malik, "Effect of increasing disorder on domains of the 2d Coulomb glass", J Phys-Condens Mat. vol. 29, pp. 485402, 2017.	2017	2.707
25.	H. Verma, K. Mishra, and D. K. Rai, "Sodium ion conducting nanocomposite polymer electrolyte membrane for sodium ion batteries", J Solid State Electrochem., vol. 24, pp. 521-532, 2020.	2020	2.646
26.	S.S. Pundir, K. Mishra, and D.K. Rai, "Ion transport studies in nanocomposite polymer electrolyte membrane of PVA-[C ₄ C ₁ Im][HSO ₄]-SiO ₂ ", J Solid State Electrochem., vol 22, pp. 1801-1815, 2018.	2018	2.646
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