

3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the year

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Thermoplasmonic study of Au _x Ag _(1-x) alloy nanospheres	SS Verma	Physics	Optical and Quantum Electronics	2023	0306-8919	
Phase stability and thermoelectricity in topological Dirac semimetal Na ₃ Bi	Pradeep Bhatia, M M Sinha, S S Verma	Physics	materials science in semiconductor processing	2023	1369-8001	
LiNbCoX (X = Al, Ga) quaternary Heusler compounds for high-temperature thermoelectric properties: a computational approach	Jaspal Singh, Amrit Pal Singh, M M Sinha, S S Verma	Physics	Bulletin of Materials Science	2023	2504707	
Topological Phase Transition and Lattice Dynamical Properties of Half-Heusler XPtBi (X = Gd, Nd)	Megha Goyal, M M Sinha	Physics	Physica Status Solidi (B): Basic Research	2023	3701972	
Investigation of Plasmonic Properties of Egg-like Multilayer Structures	Pradeep Bhatia, M M Sinha, S S Verma	Physics	Plasmonics	2023	15571955	
Effects of a magnetic field on the dielectric properties of PLT–BNCFO composites, Emerging	Indu Sharma Shruti Mahajan Vishal Arora, Kanika Aggarwal	Physics	Emerging Materials Research	2023	2046-0147	
Establishment of magnet-dielectric and Magneto-resistance in composite of PLT and Ba based U type hexaferrite	Kanika Aggarwal, Shubhpreet Kaur	Physics	<i>Journal of Advanced Dielectrics</i>	2023	2010135X	