

Prince Sharma

List of Publications by Year in descending order

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15
docs citations

15
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive review on topological superconducting materials and interfaces. Superconductor Science and Technology, 2022, 35, 083003.	3.5	26
2	Exploration of terahertz from time-resolved ultrafast spectroscopy in single-crystal Bi ₂ Se ₃ topological insulator. Journal of Materials Science: Materials in Electronics, 2020, 31, 7959-7967.	2.2	15
3	Ultrafast excited-state dynamics of SnSe ₂ –SnSe composite thin film. AIP Advances, 2021, 11, .	1.3	12
4	Metal doping in topological insulators- a key for tunable generation of terahertz. Solid State Communications, 2020, 319, 114005.	1.9	11
5	Modeling of magneto-conductivity of bismuth selenide: a topological insulator. SN Applied Sciences, 2021, 3, 1.	2.9	11
6	Giant photoresponsivity of transfer free grown fluorographene – MoS ₂ heterostructured ultra-stable transistors. Materials Today, 2021, 50, 69-78.	14.2	11
7	SnAs: A 4K weak type-II superconductor with non-trivial band topology. Solid State Communications, 2021, 340, 114531.	1.9	10
8	Topological insulator Bi ₂ Se ₃ as a tunable crystal for terahertz frequency generation. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	7
9	Comprehensive analysis of Terahertz frequency response of Bi ₂ Se ₃ and Bi ₂ Te ₃ single crystals using Terahertz time-domain spectroscopy. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 272, 115355.	3.5	7
10	Structural and weak antilocalization analysis of topological single-crystal SnSb ₂ Te ₄ . Journal of Alloys and Compounds, 2022, 895, 162553.	5.5	6
11	Structural and superconducting analysis of topologically non-trivial alloy of Sn _{1-x} Sb _x (x=0.4, 0.5,) Tj ETQq1 1 0.784314 rgBT ₃ Overload	4.0	3
12	Comprehensive Study of the Topological Surface States through Ultrafast Pump–Probe Spectroscopy. Journal of Physical Chemistry C, 2022, 126, 11138-11147.	3.1	3
13	Excited-state dynamics of structurally characterized crystal of Sn _x Sb _{1-x} . Journal of Materials Science, 2021, 56, 1527-1536.	3.7	2
14	Temperature-dependent evolution of topological surface states. Solid State Sciences, 2022, 125, 106829.	3.2	1
15	Ultrafast probing of indium doping on SnTe topological insulator. Physica B: Condensed Matter, 2022, 631, 413656.	2.7	0