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List of Publications by Year
in descending order

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Version: 2024-02-01

22 papers	362 citations	759233 12 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	213 citing authors

#	Article	IF	Citations
1	Optimized thermoelectric performance in thin (Bi2Se3)1â^'x(Bi2Te3)x alloyed films. Journal of Alloys and Compounds, 2022, 898, 162888.	5.5	15
2	Outstanding optical properties of thermally grown (Bi2Se3)1-x (Bi2Te3)x thin films. Materials Science in Semiconductor Processing, 2022, 143, 106557.	4.0	5
3	Heat treatment effects on the structural and optical properties of thin Bi2(Se1-xTex)3 films. Ceramics International, 2022, , .	4.8	1
4	Electrical and thermoelectrical properties of Bi2â^'xNaxTe3 alloys. Journal of Alloys and Compounds, 2022, 920, 165952.	5.5	9
5	Effect of surfactant concentration on the morphology and thermoelectric power factor of PbTe nanostructures prepared by a hydrothermal route. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 125, 114396.	2.7	6
6	Effects of transition metal element doping on the structural and thermoelectric properties of n-type Bi2-xAgxSe3 alloys. Journal of Alloys and Compounds, 2021, 851, 156887.	5.5	25
7	Effects of spark plasma sintering on enhancing the thermoelectric performance of Hfâ€"Ti doped VFeSb half-Heusler alloys. Journal of Physics and Chemistry of Solids, 2021, 150, 109848.	4.0	13
8	Manipulation of optical properties in thin tetradymite layers. Optical Materials, 2021, 115, 111026.	3.6	3
9	Optical properties of thin Bi2Te3 films synthesized by different techniques. Superlattices and Microstructures, 2021, 155, 106909.	3.1	11
10	Enhanced thermoelectric figure of merit in Bi-containing Sb2Te3 bulk crystalline alloys. Journal of Physics and Chemistry of Solids, 2020, 138, 109262.	4.0	29
11	Transport and thermoelectric properties of Hf-doped FeVSb half-Heusler alloys. Journal of Alloys and Compounds, 2020, 820, 153413.	5.5	32
12	Correlation of structural and optical properties in as-prepared and annealed Bi2Se3 thin films. Journal of Materials Processing Technology, 2019, 264, 76-83.	6.3	27
13	Magnetic anisotropy and stress-magnetoimpedance (S-MI) in current-annealed Co-rich glass-coated microwires with positive magnetostriction. Journal of Magnetism and Magnetic Materials, 2019, 474, 296-300.	2.3	15
14	Thermoelectric properties of Te doped bulk Bi₂Se₃system. Materials Research Express, 2018, 5, 035514.	1.6	32
15	Temperature effects on magnetization processes and magnetoimpedance in low magnetostrictive amorphous microwires. Journal of Magnetism and Magnetic Materials, 2018, 459, 147-153.	2.3	22
16	Characterization of thin Bi2Te3-based films and effects of heat treatment on their optical properties. Journal of Alloys and Compounds, 2018, 765, 1072-1081.	5.5	18
17	Effect of Stress on Magnetic Properties of Annealed Glass-Coated Co₇₁Fe₅B₁₁Si₁₀Cr₃ Amorphous Microwires. IEEE Transactions on Magnetics, 2017, 53, 1-6.	2.1	18
18	Temperature Effects on the Magnetoimpedance in Glass-Coated Amorphous Wires. IEEE Transactions on Magnetics, 2017, 53, 1-5.	2.1	3

#	Article	IF	Citations
19	Structural and optical properties of nano-powder-based (Sb1â^'xBix)2Te3thin films. Materials Research Express, 2017, 4, 085029.	1.6	7
20	Characterization and optical properties of bismuth chalcogenide films prepared by pulsed laser deposition technique. Materials Science in Semiconductor Processing, 2017, 57, 210-219.	4.0	29
21	Optical and thermoelectric properties of nano-particles based Bi 2 (Te 1â^'x Se x) 3 thin films. Superlattices and Microstructures, 2017, 101, 609-624.	3.1	31
22	Effect of compositional dependence on physicochemical properties of Bi2Se3 doped system. Materials Science in Semiconductor Processing, 2016, 52, 1-7.	4.0	11