

Vengatesh Panneerselvam

List of Publications by Year in descending order

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18
papers

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328
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium inserted ZnSnN ₂ thin films for solar absorber: n to p-type conversion. <i>Materials Today Chemistry</i> , 2022, 25, 100957.	3.5	5
2	Ba-acceptor doping in ZnSnN ₂ by reactive RF magnetron sputtering: (002) faceted Ba ²⁺ ZnSnN ₂ films. <i>Journal of Alloys and Compounds</i> , 2021, 855, 157380.	5.5	9
3	Effect of substrate temperature on thermally evaporated CdS/CZTS for solar cell fabrication. <i>Materials Today: Proceedings</i> , 2021, 47, A8-A12.	1.8	2
4	Effect of substrate temperature on reactive RF magnetron sputtered SnO ₂ thin films for photovoltaic applications. <i>Materials Today: Proceedings</i> , 2021, 47, 1035-1039.	1.8	1
5	Highly crystalline methylammonium lead iodide films: Phase transition from tetragonal to cubic structure by thermal annealing. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021, 39, 022801.	2.1	1
6	Impact of Cu addition on the optoelectronic properties of Zn ₃ N ₂ thin films: n to p-type transitions. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 265, 115039.	3.5	2
7	Temperature-dependent phase transition of CuZnS thin films and its effects on morphological, optical and electrical properties. <i>Thin Solid Films</i> , 2021, 733, 138810.	1.8	3
8	Fabrication of p-type cubic β -CuI by solid iodination process for energy conversion and storage applications. <i>Materials Today: Proceedings</i> , 2020, 23, 34-38.	1.8	1
9	Vibrational modes, chemical states and thermal stability of mechanochemically synthesized methylammonium lead iodide (CH ₃ NH ₃ PbI ₃) perovskites. <i>Materials Letters</i> , 2019, 241, 140-143.	2.6	3
10	Preferentially oriented CuCdS ₂ thin films and thickness effects on structural, optical and electrical properties. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	3
11	Optoelectronic and electrochemical behaviour of β -CuI thin films prepared by solid iodination process. <i>Progress in Natural Science: Materials International</i> , 2019, 29, 533-540.	4.4	16
12	Tailoring optoelectronic properties of earth abundant ZnSnN ₂ by combinatorial RF magnetron sputtering. <i>Journal of Alloys and Compounds</i> , 2019, 772, 348-358.	5.5	19
13	Investigation on structural and optoelectronic properties of in-situ post growth annealed ZnSnN ₂ thin films. <i>Materials Science in Semiconductor Processing</i> , 2019, 89, 234-239.	4.0	7
14	Fabrication of planar heterojunction oxide solar cells by radio frequency magnetron sputtering. <i>Materials Letters</i> , 2018, 220, 197-200.	2.6	8
15	Role of copper/vanadium on the optoelectronic properties of reactive RF magnetron sputtered NiO thin films. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1299-1312.	3.1	13
16	Highly transparent zinc nitride thin films by RF magnetron sputtering with enhanced optoelectronic behavior. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018, 232-235, 33-40.	3.5	9
17	Auto-combustion synthesis and electrochemical studies of La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O _{3-δ} λ -Ag ⁺ Ce _{0.8} Sm _{0.1} Gd _{0.1} O _{1.90} nanocomposite cathode for intermediate temperature solid oxide fuel cells. <i>Ceramics International</i> , 2018, 44, 21188-21196.	4.8	27
18	Hierarchically Ordered Self-Lubricating Superhydrophobic Anodized Aluminum Surfaces with Enhanced Corrosion Resistance. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 1516-1526.	8.0	106