Vengatesh Panneerselvam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3327432/publications.pdf

Version: 2024-02-01

18	235	1163117 8	940533 16
papers	citations	h-index	g-index

18	18	18	328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchically Ordered Self-Lubricating Superhydrophobic Anodized Aluminum Surfaces with Enhanced Corrosion Resistance. ACS Applied Materials & Interfaces, 2015, 7, 1516-1526.	8.0	106
2	Auto-combustion synthesis and electrochemical studies of La0.6Sr0.4Co0.2Fe0.8O3-Î´ â€“ Ce0.8Sm0.1Gd0.1O1.90 nanocomposite cathode for intermediate temperature solid oxide fuel cells. Ceramics International, 2018, 44, 21188-21196.	4.8	27
3	Tailoring optoelectronic properties of earth abundant ZnSnN2 by combinatorial RF magnetron sputtering. Journal of Alloys and Compounds, 2019, 772, 348-358.	5.5	19
4	Optoelectronic and electrochemical behaviour of Î³-CuI thin films prepared by solid iodination process. Progress in Natural Science: Materials International, 2019, 29, 533-540.	4.4	16
5	Role of copper/vanadium on the optoelectronic properties of reactive RF magnetron sputtered NiO thin films. Applied Nanoscience (Switzerland), 2018, 8, 1299-1312.	3.1	13
6	Highly transparent zinc nitride thin films by RF magnetron sputtering with enhanced optoelectronic behavior. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2018, 232-235, 33-40.	3.5	9
7	Ba-acceptor doping in ZnSnN2 by reactive RF magnetron sputtering: (002) faceted Baâ€“ZnSnN2 films. Journal of Alloys and Compounds, 2021, 855, 157380.	5.5	9
8	Fabrication of planar heterojunction oxide solar cells by radio frequency magnetron sputtering. Materials Letters, 2018, 220, 197-200.	2.6	8
9	Investigation on structural and optoelectronic properties of in-situ post growth annealed ZnSnN2 thin films. Materials Science in Semiconductor Processing, 2019, 89, 234-239.	4.0	7
10	Lithium inserted ZnSnN2 thin films for solar absorber: n to p-type conversion. Materials Today Chemistry, 2022, 25, 100957.	3.5	5
11	Vibrational modes, chemical states and thermal stability of mechanochemically synthesized methylammonium lead iodide (CH3NH3PbI3) perovskites. Materials Letters, 2019, 241, 140-143.	2.6	3
12	Preferentially oriented CuCdS2 thin films and thickness effects on structural, optical and electrical properties. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	3
13	Temperature-dependent phase transition of CuZnS thin films and its effects on morphological, optical and electrical properties. Thin Solid Films, 2021, 733, 138810.	1.8	3
14	Effect of substrate temperature on thermally evaporated CdS/CZTS for solar cell fabrication. Materials Today: Proceedings, 2021, 47, A8-A12.	1.8	2
15	Impact of Cu addition on the optoelectronic properties of Zn3N2 thin films: n to p-type transitions. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 265, 115039.	3.5	2
16	Fabrication of p-type cubic Î³-CuI by solid iodination process for energy conversion and storage applications. Materials Today: Proceedings, 2020, 23, 34-38.	1.8	1
17	Effect of substrate temperature on reactive RF magnetron sputtered SnO2 thin films for photovoltaic applications. Materials Today: Proceedings, 2021, 47, 1035-1039.	1.8	1
18	Highly crystalline methylammonium lead iodide films: Phase transition from tetragonal to cubic structure by thermal annealing. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, 022801.	2.1	1