

Sergiu Vatavu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

103
citations

1478505

6
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescence studies of CdTe films and junctions. Thin Solid Films, 2007, 515, 6107-6111.	1.8	33
2	The copper influence on the PL spectra of CdTe thin film as a component of the CdS/CdTe heterojunction. Thin Solid Films, 2009, 517, 2195-2201.	1.8	15
3	The analysis of current flow mechanism in CdS/CdTe heterojunction. Thin Solid Films, 2007, 515, 6179-6183.	1.8	12
4	Photoluminescence studies of CdTe/SnO ₂ and CdTe/CdS heterojunctions: The influence of oxygen and the CdCl ₂ heat treatment. Thin Solid Films, 2011, 519, 7176-7179.	1.8	11
5	Radiative recombination mechanisms in CdTe thin films deposited by elemental vapor transport. Thin Solid Films, 2015, 582, 139-145.	1.8	11
6	A comparative study of (ZnO, In ₂ O ₃ : SnO ₂ , SnO ₂)/CdS/CdTe/(Cu)/Ni heterojunctions. Thin Solid Films, 2013, 535, 244-248.	1.8	10
7	Charge carrier transport in ZnO/CdS/CdTe/(Cu)/Ni heterojunctions. Thin Solid Films, 2013, 535, 241-243.	1.8	6
8	Thermal Transport Evolution Due to Nanostructural Transformations in Ga-Doped Indium-Tin-Oxide Thin Films. Nanomaterials, 2021, 11, 1126.	4.1	3
9	Photoluminescence studies of the interface of CdS/CdTe heterojunctions. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1299-1302.	0.8	2
10	Low-temperature Photoluminescence Studies of CdTe Thin Films Deposited on CdS/ZnO/Glass Substrates. Materials Research Society Symposia Proceedings, 2013, 1538, 261-267.	0.1	0
11	The investigation of TCO/CdS/CdTe heterojunctions by C-U and C-f measurements: Experiment and modeling. , 2013, , .		0