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List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

223
citations

932766

10
h-index

1058022

14
g-index

32
all docs

32
docs citations

32
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Refractive index controlled by film morphology and free carrier density in undoped ZnO through sol-pH variation. <i>Optik</i> , 2018, 158, 1139-1146.	1.4	28
2	Magnetic and structural approach for understanding the electrochemical behavior of $\text{LiNi}_0.33\text{Co}_0.33\text{Mn}_0.33\text{O}_2$ positive electrode material. <i>Electrochimica Acta</i> , 2013, 111, 567-574.	2.6	21
3	Effects of Na_2SO_4 on the optical and structural properties of $\text{Cu}_2\text{ZnSnS}_4$ thin films synthesized using co-electrodeposition technique. <i>Optical Materials</i> , 2018, 75, 471-482.	1.7	18
4	On the sol pH and the structural, optical and electrical properties of ZnO thin films. <i>Superlattices and Microstructures</i> , 2016, 93, 297-302.	1.4	16
5	Li concentration dependence of structural properties and optical band gap of Li-doped ZnO films. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	14
6	$\text{LiNi}_0.1\text{Mn}_0.1\text{Co}_0.8\text{O}_2$ electrode material: Structural changes upon lithium electrochemical extraction. <i>Electrochimica Acta</i> , 2010, 55, 5180-5185.	2.6	12
7	The $\text{LiNi}_0.2\text{Mn}_0.2\text{Co}_0.6\text{O}_2$ electrode materials: A structural and magnetic study. <i>Materials Research Bulletin</i> , 2012, 47, 1004-1009.	2.7	12
8	Intersubband energies in $\text{Al}_{1-y}\text{In}_y\text{N}/\text{Ga}_{1-x}\text{In}_x\text{N}$ heterostructures with lattice constant close to aGaN. <i>Superlattices and Microstructures</i> , 2012, 52, 70-77.	1.4	11
9	Effects of swelling on the effective mechanical and electrical properties of a carbon black-filled polymer. <i>Polymer Bulletin</i> , 2019, 76, 2765-2776.	1.7	11
10	Delithiated $\text{Li}_y\text{Co}_0.8\text{Ni}_0.1\text{Mn}_0.1\text{O}_2$ cathode materials for lithium-ion batteries: Structural, magnetic and electrochemical studies. <i>Solid State Ionics</i> , 2016, 289, 207-213.	1.3	10
11	Electrical properties of highly boron-implanted polycrystalline silicon after rapid or conventional thermal annealing. <i>Journal of Applied Physics</i> , 1989, 66, 4301-4304.	1.1	9
12	Double two-photon absorption in an asymmetric stepped quantum well in the terahertz range. <i>Superlattices and Microstructures</i> , 2019, 130, 560-568.	1.4	8
13	Optical properties of GaSe, characterization and simulation. <i>Materials Today: Proceedings</i> , 2021, 37, 3789-3792.	0.9	8
14	Synthesis of lithium doped zinc oxide by sol gel. <i>Journal of Physics: Conference Series</i> , 2016, 758, 012019.	0.3	7
15	Self-compensation reduction as first step of p-type ZnO synthesis. <i>Superlattices and Microstructures</i> , 2020, 147, 106689.	1.4	6
16	Theoretical and experimental operating wavelength of GaAs/ $\text{Al}_0.25\text{Ga}_0.75\text{As}$ IR photodetectors. <i>EPJ Applied Physics</i> , 2009, 45, 20301.	0.3	5
17	Electrically inactive grain boundaries in rapid thermal annealed boron-implanted polycrystalline silicon films. <i>Applied Physics Letters</i> , 1990, 56, 2536-2538.	1.5	4
18	Magnetization and magnetic susceptibility of Gd based PbS. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2001, 81, 194-197.	1.7	3

#	ARTICLE	IF	CITATIONS
19	Study of theoretical intersubband absorption in a multilevel superlattice as a function of temperature and doping. EPJ Applied Physics, 2010, 52, 20302.	0.3	3
20	Towards a stoichiometric electrodeposition of SnS. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	3
21	Detailed analysis of the intersubband absorption in a GaAs stepped quantum well for quadratic detection and second harmonic generation. Physica B: Condensed Matter, 2022, 639, 413955.	1.3	3
22	Valence Band Resonant Levels in p-Type $\text{Pb}_{1-x}\text{Eu}_x\text{Se}$. Physica Status Solidi A, 2002, 191, 217-222.	1.7	2
23	A review on $\text{LiNi}_x\text{Co}_{1-x}\text{Mn}_x\text{O}_2$ ($0.1 \leq x \leq 0.33$) cathode materials for rechargeable Li-ion batteries. Materials Today: Proceedings, 2021, 37, 3921-3927.	0.9	2
24	Chelating agent effect on optical properties of SnS films and an output characteristics simulation of based solar cells. Materials Today: Proceedings, 2021, , .	0.9	2
25	Enhanced mobility in SOI films annealed by rapid thermal annealing. Applied Surface Science, 1989, 36, 572-578.	3.1	1
26	Conduction and scattering mechanisms in potential modulated inversion layers. Journal of Applied Physics, 1991, 69, 1463-1468.	1.1	1
27	Electrical conduction in inversion layers modulated by a long-range potential. Physical Review B, 1992, 46, 16156-16159.	1.1	1
28	Hall effect anomalies in n-type $\text{Pb}_{1-x}\text{Eu}_x\text{Se}$ layers grown on silicon. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 3496-3501.	0.8	1
29	Effect of lithium salt precursors on the physical properties of ZnO-Li thin films. Thin Solid Films, 2021, 725, 138644.	0.8	1
30	Temperature annealing effect on structural and optical properties of ZnO thin films prepared by sol-gel method. MATEC Web of Conferences, 2013, 5, 04007.	0.1	0
31	Investigation of (Mg-Al) co-doped Zinc oxide thin films for photovoltaic harvesting energy devices. , 2015, , .		0
32	Low temperature mobility controlled by charged dislocations and neutral defects in $\text{Pb}_{1-x}\text{Eu}_x\text{Se}$ layers grown by MBE. Materials Science in Semiconductor Processing, 2016, 41, 378-381.	1.9	0