

abdelmajid Almaggoussi

List of Publications by Citations

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31
papers

163
citations

8
h-index

11
g-index

32
ext. papers

190
ext. citations

2.8
avg, IF

2.53
L-index

#	Paper	IF	Citations
31	Refractive index controlled by film morphology and free carrier density in undoped ZnO through sol-pH variation. <i>Optik</i> , 2018 , 158, 1139-1146	2.5	19
30	Magnetic and structural approach for understanding the electrochemical behavior of LiNi _{0.33} Co _{0.33} Mn _{0.33} O ₂ positive electrode material. <i>Electrochimica Acta</i> , 2013 , 111, 567-574	6.7	19
29	On the sol pH and the structural, optical and electrical properties of ZnO thin films. <i>Superlattices and Microstructures</i> , 2016 , 93, 297-302	2.8	15
28	Effects of Na ₂ SO ₄ on the optical and structural properties of Cu ₂ ZnSnS ₄ thin films synthesized using co-electrodeposition technique. <i>Optical Materials</i> , 2018 , 75, 471-482	3.3	13
27	The Li Ni _{0.2} Mn _{0.2} Co _{0.6} O ₂ electrode materials: A structural and magnetic study. <i>Materials Research Bulletin</i> , 2012 , 47, 1004-1009	5.1	12
26	Intersubband energies in Al _{1-x} In _y N/Ga _{1-x} In _x N heterostructures with lattice constant close to aGaN. <i>Superlattices and Microstructures</i> , 2012 , 52, 70-77	2.8	11
25	LiNi _{0.1} Mn _{0.1} Co _{0.8} O ₂ electrode material: Structural changes upon lithium electrochemical extraction. <i>Electrochimica Acta</i> , 2010 , 55, 5180-5185	6.7	10
24	Delithiated Li _y Co _{0.8} Ni _{0.1} Mn _{0.1} O ₂ cathode materials for lithium-ion batteries: Structural, magnetic and electrochemical studies. <i>Solid State Ionics</i> , 2016 , 289, 207-213	3.3	8
23	Electrical properties of highly boron-implanted polycrystalline silicon after rapid or conventional thermal annealing. <i>Journal of Applied Physics</i> , 1989 , 66, 4301-4304	2.5	7
22	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	2.6	6
21	Synthesis of lithium doped zinc oxide by sol gel. <i>Journal of Physics: Conference Series</i> , 2016 , 758, 012019	0.3	6
20	Double two-photon absorption in an asymmetric stepped quantum well in the terahertz range. <i>Superlattices and Microstructures</i> , 2019 , 130, 560-568	2.8	5
19	Effects of swelling on the effective mechanical and electrical properties of a carbon black-filled polymer. <i>Polymer Bulletin</i> , 2019 , 76, 2765-2776	2.4	5
18	Theoretical and experimental operating wavelength of GaAs/Al _{0.25} Ga _{0.75} As IR photodetectors. <i>EPJ Applied Physics</i> , 2009 , 45, 20301	1.1	4
17	Electrically inactive grain boundaries in rapid thermal annealed boron-implanted polycrystalline silicon films. <i>Applied Physics Letters</i> , 1990 , 56, 2536-2538	3.4	4
16	Self-compensation reduction as first step of p-type ZnO synthesis. <i>Superlattices and Microstructures</i> , 2020 , 147, 106689	2.8	4
15	Study of theoretical intersubband absorption in a multilevel superlattice as a function of temperature and doping. <i>EPJ Applied Physics</i> , 2010 , 52, 20302	1.1	2

14	Valence Band Resonant Levels in p-Type Pb _{1-x} EuxSe. <i>Physica Status Solidi A</i> , 2002 , 191, 217-222		2
13	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	3.1	2
12	A review on Li _{1-x} Co _{1-x} MnxO ₂ (0.1 ≤ x ≤ 0.33) cathode materials for rechargeable Li-ion batteries. <i>Materials Today: Proceedings</i> , 2021 , 37, 3921-3927	1.4	2
11	Hall effect anomalies in n-type Pb _{1-x} EuxSe layers grown on silicon. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007 , 204, 3496-3501	1.6	1
10	Conduction and scattering mechanisms in potential modulated inversion layers. <i>Journal of Applied Physics</i> , 1991 , 69, 1463-1468	2.5	1
9	Electrical conduction in inversion layers modulated by a long-range potential. <i>Physical Review B</i> , 1992 , 46, 16156-16159	3.3	1
8	Enhanced mobility in SOI films annealed by rapid thermal annealing. <i>Applied Surface Science</i> , 1989 , 36, 572-578	6.7	1
7	Chelating agent effect on optical properties of SnS films and an output characteristics simulation of based solar cells. <i>Materials Today: Proceedings</i> , 2021 ,	1.4	1
6	Optical properties of GaSe, characterization and simulation. <i>Materials Today: Proceedings</i> , 2021 , 37, 3789-3792	1.4	1
5	Towards a stoichiometric electrodeposition of SnS. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1	2.6	1
4	Detailed analysis of the intersubband absorption in a GaAs stepped quantum well for quadratic detection and second harmonic generation. <i>Physica B: Condensed Matter</i> , 2022 , 413955	2.8	0
3	Low temperature mobility controlled by charged dislocations and neutral defects in Pb _{1-x} EuxSe layers grown by MBE. <i>Materials Science in Semiconductor Processing</i> , 2016 , 41, 378-381	4.3	
2	Temperature annealing effect on structural and optical properties of ZnO thin films prepared by sol-gel method. <i>MATEC Web of Conferences</i> , 2013 , 5, 04007	0.3	
1	Effect of lithium salt precursors on the physical properties of ZnO-Li thin films. <i>Thin Solid Films</i> , 2021 , 725, 138644	2.2	