

abdelmajid Almaggoussi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | 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 |
| 30 | 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 |
| 29 | Effect of lithium salt precursors on the physical properties of ZnO-Li thin films. <i>Thin Solid Films</i> , 2021 , 725, 138644 | 2.2 | |
| 28 | Optical properties of GaSe, characterization and simulation. <i>Materials Today: Proceedings</i> , 2021 , 37, 3789-3792 | 1.4 | 1 |
| 27 | A review on LiNixCo1-xMnxO2 (0.1 ≤ x ≤ 0.33) cathode materials for rechargeable Li-ion batteries. <i>Materials Today: Proceedings</i> , 2021 , 37, 3921-3927 | 1.4 | 2 |
| 26 | Towards a stoichiometric electrodeposition of SnS. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1 | 2.6 | 1 |
| 25 | Self-compensation reduction as first step of p-type ZnO synthesis. <i>Superlattices and Microstructures</i> , 2020 , 147, 106689 | 2.8 | 4 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | Effects of Na2SO4 on the optical and structural properties of Cu2ZnSnS4 thin films synthesized using co-electrodeposition technique. <i>Optical Materials</i> , 2018 , 75, 471-482 | 3.3 | 13 |
| 20 | 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 |
| 19 | Low temperature mobility controlled by charged dislocations and neutral defects in Pb1-xEuxSe layers grown by MBE. <i>Materials Science in Semiconductor Processing</i> , 2016 , 41, 378-381 | 4.3 | |
| 18 | Synthesis of lithium doped zinc oxide by sol gel. <i>Journal of Physics: Conference Series</i> , 2016 , 758, 012019 | 0.3 | 6 |
| 17 | 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 |
| 16 | Delithiated LiyCo0.8Ni0.1Mn0.1O2 cathode materials for lithium-ion batteries: Structural, magnetic and electrochemical studies. <i>Solid State Ionics</i> , 2016 , 289, 207-213 | 3.3 | 8 |
| 15 | Magnetic and structural approach for understanding the electrochemical behavior of LiNi0.33Co0.33Mn0.33O2 positive electrode material. <i>Electrochimica Acta</i> , 2013 , 111, 567-574 | 6.7 | 19 |

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|----|---|-----|----|
| 14 | 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 | |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | Valence Band Resonant Levels in p-Type Pb _{1-x} EuxSe. <i>Physica Status Solidi A</i> , 2002 , 191, 217-222 | | 2 |
| 6 | 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 |
| 5 | Electrical conduction in inversion layers modulated by a long-range potential. <i>Physical Review B</i> , 1992 , 46, 16156-16159 | 3.3 | 1 |
| 4 | Conduction and scattering mechanisms in potential modulated inversion layers. <i>Journal of Applied Physics</i> , 1991 , 69, 1463-1468 | 2.5 | 1 |
| 3 | 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 |
| 2 | Enhanced mobility in SOI films annealed by rapid thermal annealing. <i>Applied Surface Science</i> , 1989 , 36, 572-578 | 6.7 | 1 |
| 1 | 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 |