

# Julio Mass

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

396  
citations

1478505

6  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

539  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Effect of high substrate temperature on Al-doped ZnO thin films grown by pulsed laser deposition. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 103, 9-15.      | 3.5 | 301       |
| 2  | Growth of ZnO nanowires through thermal oxidation of metallic zinc films on CdTe substrates. <i>Journal of Alloys and Compounds</i> , 2011, 509, 5400-5407.   | 5.5 | 15        |
| 3  | Cathodoluminescence study of ZnO wafers cut from hydrothermal crystals. <i>Journal of Crystal Growth</i> , 2008, 310, 1000-1005.  | 1.5 | 14        |
| 4  | Luminescence of pure and doped ZnO films synthesised by thermal annealing on GaSb single crystals. <i>Superlattices and Microstructures</i> , 2007, 42, 145-151.  | 3.1 | 13        |
| 5  | Cathodoluminescence characterization of hydrothermal ZnO crystals. <i>Superlattices and Microstructures</i> , 2005, 38, 223-230.  | 3.1 | 11        |
| 6  | Identification of Explosive Substances Through Improved Signals Obtained by a Portable Raman Spectrometer. <i>Spectroscopy Letters</i> , 2012, 45, 413-419.   | 1.0 | 11        |
| 7  | Cathodoluminescence study of defects created by Vickers indentation in hydrothermal ZnO crystals. <i>Journal of Materials Research</i> , 2007, 22, 3526-3530.   | 2.6 | 5         |
| 8  | Cathodoluminescence study of visible luminescence in hydrothermal ZnO crystals. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 88, 95-98.   | 2.3 | 5         |
| 9  | Cathodoluminescence study of extended defects in hydrothermal ZnO crystals. <i>Superlattices and Microstructures</i> , 2007, 42, 306-313.   | 3.1 | 4         |
| 10 | Structural and optical characterization of pure ZnO films synthesised by thermal annealing on GaSb single crystals. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 1527-1531.     | 0.8 | 4         |
| 11 | Influence of different surface treatments on multicrystalline silicon wafers for defect characterization by LBIC. <i>Journal of Materials Science</i> , 2012, 47, 5470-5476.  | 3.7 | 3         |
| 12 | Preparation and characterization of Fe <sub>50</sub> Co <sub>50</sub> nanostructured alloy. <i>Journal of Physics: Conference Series</i> , 2014, 480, 012012.   | 0.4 | 3         |
| 13 | Residual Strain and Electrical Activity of Defects in Multicrystalline Silicon Solar Cells. <i>Acta Physica Polonica A</i> , 2014, 125, 1013-1016.  | 0.5 | 3         |
| 14 | Cathodoluminescence study of e <sup>-</sup> irradiated and plastically deformed ZnO crystals. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 1580-1582.                           | 0.8 | 2         |
| 15 | Systematic study of inorganic functionalization of ZnO nanorods by Sol-Gel method. <i>Journal of Physics: Conference Series</i> , 2017, 786, 012022.  | 0.4 | 2         |
| 16 | Trapping activity on multicrystalline Si wafers studied by combining fast PL imaging and high resolved electrical techniques. , 2013, , .   |     | 0         |
| 17 | Effects of texturization due to chemical etching and laser on the optical properties of multicrystalline silicon for applications in solar cells. <i>Journal of Physics: Conference Series</i> , 2016, 687, 012008. | 0.4 | 0         |