# M E Calixto

List of Publications by Year
in descending order



| 26 | 424 | 1040056 9 | 713466 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 26 | 26 | 26 | 454 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Semiconducting Cu2Se thin films obtained by electrochemical deposition for possible applications in thermoelectric systems. MRS Advances, 2022, 7, 1-4. | 0.9 | 3 |
| 2 | Growth of highly c-axis oriented ZnO thin films by spray pyrolysis for piezoelectric applications. Materials Science in Semiconductor Processing, 2022, 144, 106585. | 4.0 | 3 |
| 3 | Band gap tuning of Cu(In,Ga)Se2 thin films by electrodeposition and their subsequent selenization using a rapid thermal annealing system. Journal of Solid State Electrochemistry, 2021, 25, 591-601. | 2.5 | 2 |
| 4 | Harnessing the Aqueous Chemistry of Silicon: Self-Assembling Porous Silicon/Silica Microribbons. ACS Applied Materials & Interfaces, 2019, 11, 27162-27169. | 8.0 | 2 |
| 5 | Structural, morphology and optical properties of NaYF4 thin films doped with trivalent lanthanide ions. Journal of Materials Science: Materials in Electronics, 2019, 30, 4855-4866. | 2.2 | 10 |
| 6 | CaF2 thin films obtained by electrochemical processes and the effect of Tb3+ doping concentration on their structural and optical properties. Journal of Solid State Electrochemistry, 2018, 22, 2465-2472. | 2.5 | 7 |
| 7 | Synthesis and Characterization of CaF2 Thin Films Doped with Tb3+. MRS Advances, 2017, 2, 147-152. | 0.9 | 0 |
| 8 | Electrodeposition and characterization of one-dimensional CuInSe2 nanostructures in mesoporous silicon templates. Open Material Sciences, 2016, 3, . | 0.8 | 4 |
| 9 | Nanostructured CuInSe2 by electrodeposition with the assistance of porous silicon templates. Materials Chemistry and Physics, 2015, 163, 362-368. | 4.0 | 2 |
| 10 | Applications of porous silicon formed by electrochemical etching using an electrolyte based on HF:formaldehyde. Applied Physics A: Materials Science and Processing, 2013, 111, 1077-1083. | 2.3 | 1 |
| 11 | Effective electrochemical n-type doping of ZnO thin films for photovoltaic window applications. Materials Research Society Symposia Proceedings, 2013, 1538, 215-220. | 0.1 | 0 |
| 12 | Preparation and characterization of electrodeposited CuInSe<inf>2</inf> thin films on flexible substrates for solar cell applications. , 2012, , . | | 1 |
| 13 | Photovoltaic structures based on Cu(In, Ga)Se<inf>2</inf> thin films prepared by thermal co-evaporation. , 2011, , . | | 0 |
| 14 | Optical and electrical characterization of AgInS2 thin films deposited by spray pyrolysis. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 174, 253-256. | 3.5 | 15 |
| 15 | Structural, optical, and electrical properties of tin sulfide thin films grown by spray pyrolysis. Thin Solid Films, 2009, 517, 2497-2499. | 1.8 | 104 |
| 16 | Study of chemical bath deposited CdS bi-layers and their performance in CdS/CdTe solar cell applications. Thin Solid Films, 2008, 516, 7004-7007. | 1.8 | 15 |
| 17 | On the doping problem of CdTe films: The bismuth case. Thin Solid Films, 2008, 516, 7013-7015. | 1.8 | 5 |
| 18 | X-ray diffraction and compositional studies of AgInS2 thin films obtained by spray pyrolysis. Journal of Materials Science, 2008, 43, 6848-6852. | 3.7 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Electrodeposition of CuInSe2 absorber layers from pH buffered and non-buffered sulfate-based solutions. Thin Solid Films, 2008, 516, 2188-2194. | 1.8 | 43 |
| 20 | Controlling Growth Chemistry and Morphology of Single-Bath Electrodeposited Cu(In,Ga)Se[sub 2] Thin Films for Photovoltaic Application. Journal of the Electrochemical Society, 2006, 153, G521. | 2.9 | 105 |
| 21 | Porous CdS:CdO composite structure formed by screen printing and sintering of CdS in air. Thin Solid Films, 2000, 360, 128-132. | 1.8 | 25 |
| 22 | Poly-3-methylthiophene/ solar cell formed by electrodeposition and processing. Semiconductor Science and Technology, 1998, 13, 1459-1462. | 2.0 | 23 |
| 23 | A 10% Cuâ€‰(â€‰Inâ€‰,â€‰Gaâ€‰)â€‰Se2 Based Photovoltaic Structure Formed by Electrodeposition and Subsequent Thermal Processing. Journal of the Electrochemical Society, 1998, 145, 3613-3615. | 2.9 | 10 |
| 24 | Characterization of co-electrodeposited and selenized CIS (CuInSe2) thin films. Thin Solid Films, 1997, 298, 92-97. | 1.8 | 22 |
| 25 | Electro/electroless deposition and characterization of Cuî—¸In precursors for CIS (CuInSe2) films. Journal of Crystal Growth, 1996, 169, 287-292. | 1.5 | 8 |
| 26 | Semiconducting CuIn(SX,Se1â^'X)2 thin-film solar cells modeling using SCAPS-1D. MRS Advances, 0, , . | 0.9 | 5 |