

## ARTICULOS ÚLTIMOS CINCO AÑOS

Lucia Dos Santos-Gómez; Jose Manuel Porraz-Vázquez; Jose Barrado; Francisco Martín; Enrique R. Losilla

An easy and innovative method to obtain high efficiency cathodes for Solid Oxide Fuel Cells.

*Submitted to Journal of Power Sources*

Spectrally selective CuS solar absorber coatings on stainless steel and aluminum

Cuevas A., Romero R., Dalchiele E., Ramos-Barrado J. R., Martín F., Leinen D.

*Submitted to Surface and Interface Analysis / Impact factor: 1.393*

M.C. López-Escalante, F. Martín, M. Gabas and JR. Ramos-Barrado

Grouping by bulk resistivity of mono-crystalline Silicon wafers of the production line of solar cells and its influence on the manufacturing of modules

*Submitted Solar Energy/ Impact factor: 3.54*

Polyolefin as encapsulant material in PV modules

M.C. López-Escalante, L. J. Caballero, F. Martín, M. Gabás, A. Cuevas and J.R. Ramos-Barrado

*Acepted Solar Energy Materials and Solar Cells / Impact factor: 5.471*

Differences between GaAs/GaInP and GaAs/AlInP interfaces grown by MOVPE revealed by depth profiling and angle-resolved X-ray photoelectron spectroscopies

M.C. López-Escalante, M Gabás, I. García, E. Barrigón, I. Rey-Stolle, C. Algora, S. Palanco and

J. R. Ramos-Barrado

*Acepted Applied Surface Science / Impact factor: 2.711*

L. dos Santos-Gómez, E. R. Losilla, F. Martín, J. R. Ramos-Barrado, D.

Marrero-López

Novel microstructural strategies to enhance the electrochemical performance of La<sub>0.8</sub>Sr<sub>0.2</sub>MnO<sub>3</sub>-□

Cathodes.

*ACS Applied Materials and Interfaces, 7 (2015) 7197-7205/ Impact factor 6.723*

E. Ochoa-Martinez; C. Vázquez; I. Hoces; I. Freire; J C Jimeno; J.R. Ramos Barrado

Fabrication and characterization of thin silicon solar cells produced by in-line spray coating

*RSC Advances 5 (2015)71379-71386 / DOI: 10.1039/C5RA12398D / Impact factor 5.261*

G. Riveros, C Garín; D Ramírez; E A Dalchiele; R A Marotti; J Pereyra; E Spera; H Gómez; P Grez; F Martín; J R Ramos-Barrado

Delafossite CuFeO<sub>2</sub> thin films electrochemically grown from a DMSO based solution

*Electrochimica Acta, 164 (2015) 297-306 DOI 10.1016/j.electacta.2015.02.226 / Impact factor: 4.086*

M.C.López-Escalante, MªCarmen Fernandez, R.Sierras, J.R.Ramos-Barrado  
Industrial solar cell tester: study and improvement of I-V curves and analysis of the measurement uncertainty energy

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Kim J.W, Ramos-Barrado J.R., Jeon D.K.

An energy-efficient transmission scheme for real time data in wireless sensor networks

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