

PUBLICACIONES JOURNAL

2021

1. J-F. Lelièvre, R. Couderc, N. Pinochet, L. Sicot, D. Munoz, R. Kopecek, **P. Ferrada, A. Marzo, D. Olivares**, F. Valencia, E. Urrejola. "Desert Label Development for Improved Reliability and Durability of Photovoltaic Modules in Harsh Desert Conditions". *Solar Energy Materials and Solar Cells*, 2021. DOI: <https://doi.org/10.1016/j.solmat.2021.111508>.
2. **Fabiola Pineda, Abdiel Mallco, Flavio De Barbieri, Claudia Carrasco, Mauro Henriquez, Edward Fuentealba, Angel G. Fernández**, "Corrosion evaluation by electrochemical real-time tracking of VM12 martensitic steel in a ternary molten salt mixture with lithium nitrates for CSP plants," *Sol. Energy Mater. Sol. Cells*, vol. 231, p. 111302, Oct. 2021.
3. **D. Olivares, P. Ferrada*, A. Marzo**, K. Pinto, D. Espinoza, J. **Rabanal-Arabach, C. Portillo, E. Fuentealba**, J. Llanos. Study of the Effects of Soiling on PV Devices using the Spin-Coating Technique in Accelerated Indoor Exposures. *Solar Energy* 2021.
4. O. Behar, R. Peña, S. Kouro, W. Kraacht, **E. Fuentealba**, L. Moran, D. Sbarbaro. The use of solar energy in the copper mining processes: A comprehensive review. *Cleaner Engineering and Technology*. Vol. 4, October 2021. <https://doi.org/10.1016/j.clet.2021.100259>
5. Jonathan Correa-Puerta, **Pablo Ferrada**, Patricio Häberle, Daniel Díaz-Almeida, Asier Sanz, Oihana Zubillaga, **Aitor Marzo, Carlos Portillo**, Valeria del Campo. Comparing the effects of ultraviolet radiation on four different encapsulants. *Solar Energy* 228 (2021) 625–635. <https://doi.org/10.1016/j.solener.2021.10.003> for photovoltaic applications in the Atacama Desert
6. **Aitor Marzo**, Jesús Ballestrín, Joaquín Alonso-Montesinos, **Pablo Ferrada**, Jesús Polo, Gabriel López and Javier Barbero. *Field Quality Control of Spectral Solar Irradiance Measurements by Comparison with Broadband Measurements*. *Sustainability* 2021, 13, 10585. <https://doi.org/10.3390/su131910585>.
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8. Gabriel López, Diego Ramírez, Joaquín Alonso-Montesinos, Juan Sarmiento, Jesús Polo, Nuria Martín-Chivelet, **Aitor Marzo**, Francisco Javier Batlles and **Pablo Ferrada**. *Design of a Low-Cost Multiplexer*

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 13. M. Trigo-Gonzalez, **M. Cortés**, J. Alonso-Montesinos, M. Martínez-Durbán, **P. Ferrada, J. Rabanal, C. Portillo**, G. López, F.J. Batlles. Development and Comparison of PV Production Estimation Models for mc-Si Technologies in Chile and Spain. *Journal of Cleaner Production* 125360, 2020. DOI: <https://doi.org/10.1016/j.jclepro.2020.125360>.
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