

List of publications of Ander Gonzalez

List fulfilling the [Guide for applicants 2019](#)'s requirements

3. Articles published in peer-review journals

1. **Gonzalez, A.**, Goikolea, E., Barrena, J. A., & Mysyk, R. (2016). Review on supercapacitors: Technologies and materials *Renewable & sustainable energy reviews*, 58, 1189-1206. doi:10.1016/j.rser.2015.12.249

4. Articles published in conference proceedings

1. **Gonzalez, A.**, Chau, T. K., Lopez Erauskin, R., Iu, H. H. C., Fernando, T., & Gyselinck, J. (2018). Nonlinear MIMO Control of Interleaved Three-port Boost Converter by means of State-feedback Linearization Abstract session presented at .
<https://dipot.ulb.ac.be/dspace/bitstream/2013/277315/3/PID5416261.pdf>
2. **Gonzalez, A.**, Lopez Erauskin, R., & Gyselinck, J. (2018). Grid-tied Modular and Scalable Photovoltaic Distributed Maximum Power Point Tracking System with Storage at Module Level Using Non-Isolated Three-Port Converters Abstract session presented at .
<https://dipot.ulb.ac.be/dspace/bitstream/2013/277314/3/PID5406637.pdf>
3. **Gonzalez, A.**, Lopez Erauskin, R., & Gyselinck, J. (2017). Interleaved three-port boost converter for photovoltaic systems including storage Abstract session presented at .
<https://dipot.ulb.ac.be/dspace/bitstream/2013/277313/3/PID4863505.pdf>
4. **Gonzalez, A.**, & Gyselinck, J. (2016). Comparison of averaged modeling approaches considering a bidirectional boost converter Abstract session presented at .
https://dipot.ulb.ac.be/dspace/bitstream/2013/275006/3/gonzalez_yrs2016.pdf
5. **Gonzalez, A.**, Mollet, Y., Geury, T., Lopez Erauskin, R., & Gyselinck, J. (2015, October 19). Advanced Active Front-end Rectifier Control for Grid Emulator Application *Proceedings of the 5th Solar Integration Workshop*. Energynautics GmbH.
<https://dipot.ulb.ac.be/dspace/bitstream/2013/220561/3/Gonzalez2015AdvancedActive.pdf>
6. Lopez Erauskin, R., Geury, T., **Gonzalez, A.**, Gyselinck, J., Hervás, M. E., & Fabre, A. (2015, October 19). Testing the Enhanced Functionalities of Commercial PV Inverters Under Realistic Atmospheric and Abnormal Grid Conditions In U. Betancourt & T. Ackermann (Eds.), *Proceedings of the 5th Solar Integration Workshop, International Workshop on Integration of Solar Power into Power System*. Energynautics GmbH.
<https://dipot.ulb.ac.be/dspace/bitstream/2013/221621/3/Lopez-Erauskin2015TestingEnhanced.pdf>