

# PUBLICATIONS LIST LISTE DES PUBLICATIONS

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## In English

130. P. Murkut, C. Jiménez, A. Sekkat, C. Crivello, V. H. Nguyen, D. Muñoz Rojas, [Investigation of the optical, electrical, and elemental properties upon annealing of spatial atomic layer deposited \(SALD\) Al-doped ZnO thin films](#), Proc. SPIE 11687, Oxide-based Materials and Devices XII, 116871<sup>E</sup>, 5 March 2021.
129. M. Pappalardo, T. Reverdy, Explaining the performance gap in a French energy efficient building: [Persistent misalignment between building design, space occupancy and operation practices](#), *Energy Research & Social Science*, vol. 10, December 2020.
128. C. Pajot, N. Artiges, B. Delinchant, Y. Marechal, [Building Reduced Model for MILP Optimization: Application to Demand Response of Residential Buildings](#), BS2019 Rome.
127. M. S. Shahid, B. Delinchant, B. Roussillon, F. Wurtz, D. Llerena, A. Fadhuile, N. Artiges, **Designing and Experimenting Nudge Signals to Act on the Energy Signature of Households for Implementing Indirect Energy Flexibility**, BS2021 Bruges.
126. D. T. Papanastasiou, A. Schultheiss, D. Muñoz-Rojas, C. Celle, A. Carella, J.-P. Simonato, D. Bellet, [Transparent Heaters : a Review](#), *Advanced Functionnal Materials*, 20 March 2020.
125. M. Pappalardo, T. Reverdy, **Sociotechnical Analysis of Occupancy and Operation Practices in High Energy Performance Buildings**, *ERSS* (submitted).
124. J. Resende et al., **Planar and Transparent Memristive devices based on TiO<sub>2</sub> coated Silver Nanowire Networks with Tuneable Switching Voltage**, *Small* (submitted).
123. A. Sekkat et al., **Open-air Printing of Cu<sub>2</sub>O Thin Films with Hole Mobility up to 92 cm<sup>2</sup>V<sup>-1</sup>s<sup>-1</sup>: Application to All-Oxide Semitransparent Solar Harvesters**, *ACS Energy Letter* (submitted).
122. P. Gaffuri, E. Stolyarova, D. Llerena, E. Appert, M. Consonni, S. Robin, V. Consonni, **Perspectives on the Removal of Critical Materials in White LED Lighting for Low Energy Consumption: Technology and Consumer Issues**, *Renewable and Sustainable Energy Reviews* (submitted).
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119. P. Gaffuri, E. Stolyarova, D. Llerena, E. Appert, M. Consonni, S. Robin, V. Consonni, **Potential substitutes for critical materials in white LEDs: technological challenges and market oppotunities**, *Renewable & Sustainable Energy Reviews*, 2021.
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116. N. Tixier, [Cutting the city in Half: Ambiances, Transects and Projects](#), in C. Duarte & E. Pinheiro (dir.), *Architecture, Subjectivity and Culture. Scenarios and transversal paths for research*, Rio de Janeiro, Éd. PROARQ/RRioBooks, 2020.
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