

## LMDC - Publications internationales 2014

### Pôle 1

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- Delinière R., Aubert J.-E., Rojat F., Gasc-Barbier M., Physical, mineralogical and mechanical characterization of ready-mixed clay plaster, *Building and Environment*, Vol.80, 11-17, 2014
- Duplan F., Abou-Chakra A., Turatsinze A., Escadeillas G., Brulé S., Masse F., Prediction of modulus of elasticity based on micromechanics theory and application to low-strength mortars, *Construction and Building Materials*, Vol. 50, 437-447, 2014
- Mahieux P.-Y., Aubert J.-E., Escadeillas G., Measson M., Quantification of Hydraulic Phase Contained in a Basic Oxygen Furnace Slag, *Journal of Materials in Civil Engineering*, Vol.26 (4), 593-598, 2014
- Maillard P., Aubert J.-E., Effects of the anisotropy of extruded earth bricks on their hygrothermal properties, *Construction and Building Materials*, Vol.63, 56-61, 2014
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- Verdier T., Coutand M., Bertron A., Roques C., A review of indoor microbial growth across building materials and sampling and analysis methods, *Building and Environment*, Vol.80, 136-149, 2014
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- Vololonirina O., Coutand M., Perrin B., Characterization of hygrothermal properties of wood-based products - Impact of moisture content and temperature, *Construction and Building Materials*, Vol.63, 223-233, 2014

## **Pôle 2**

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- Bertron A., Jacquemet N., Erable B., Sablayrolles C., Escadeillas G., Albretch A., Reactivity of nitrate and organic acids at the concrete-bitumen interface of a nuclear waste repository cell, *Nuclear Engineering and Design*, Vol. 268, 51-57, 2014
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### **Pôle 3**

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### **Hors Laboratoire**

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- Duquesne M., Toutain J., Sempey A., Ginestet S., Palomo E., Modeling of a nonlinear thermochemical energy storage by adsorption on zeolites, *Applied Thermal Engineering*, Vol.71 (1), 469-480, 2014
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