

Publication list Jan Carmeliet

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2. Hygromechanics of softwood cellulosic nanocomposite with intermolecular interactions at fiber-matrix interface investigated with molecular dynamics, C Zhang, M Chen, B Coasne, S Keten, D Derome, J Carmeliet, *Composites Part B: Engineering*, Volume 228, 1 January 2022, 109449

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4. Estimating hourly lighting load profiles of rural households in East Africa applying a data-driven characterization of occupant behavior and lighting devices ownership, C Dominguez, K Orehounig, J Carmeliet, *Development Engineering*, Volume 6, 2021, 100073
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9. Smart wetting of permeable pavements as an evaporative-cooling measure for improving the urban climate during heat waves, A. Kubilay, A. Ferrari, D. Derome, J. Carmeliet, *Journal of Building Physics* 45 (1), 36-66. 021, [DOI: 10.1177/1744259120968586](https://doi.org/10.1177/1744259120968586)
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