

Nano-structured optical fibers made of glass-ceramics, and phase separated and metallic particle-containing glasses

Veber, A., Lu, Z., Vermillac, M., Pigeonneau, F., Blanc, W. & Petit, L., 2019, In : *Fibers*. 7, 12, 29 p.

Research output: Contribution to journal › Review Article › Scientific › peer-review

Urban social housing resilience to excess summer heat

Mavrogianni, A., Taylor, J., Davies, M., Thoua, C. & Kolm-Murray, J., 4 May 2015, In : *Building Research and Information*. 43, 3, p. 316-333 18 p.

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Tuulettuvien yläpohjien lämpö- ja kosteustekninen toiminta nykyisessä ja tulevaisuuden ilmastossa

Laukkarinen, A., Oct 2015, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 107 p.

Research output: Book/Report › Master's Thesis › Scientific

ÄKK Loppuraportti: rakennusten ääniolosuhteiden käyttäjälähtöinen kehittäminen

Hongisto, V. & Kylliäinen, M., 2015, Helsinki: Finnish Institute of Occupational Health. 40 p.

Research output: Book/Report › Commissioned report › Professional

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Research output: Book/Report › Commissioned report › Professional

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Research output: Book/Report › Commissioned report › Professional

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Research output: Book/Report › Book › Professional

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Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Professional

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Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Professional

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Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen

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Puuvälipohjien akustiset ominaisuudet

Latvanne, P. & Kylliäinen, M., 22 Oct 2015, *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, p. 567-572 6 p.
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Raudoitteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädätin avulla

Köliö, A., Hohti, H., Pakkala, T., Laukkarinen, A., Lahdensivu, J. & Mattila, J., 20 Oct 2015, *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere..* Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, p. 195-202 8 p. (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; no. 4).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja

Vinha, J., Hedman, M., Sirén, K., Harsia, P., Pentti, M., Teriö, O., Heljo, J., Laukkarinen, A., Annala, P., Kaasalainen, H., Jokisalo, J. & Pihlajamaa, P., 20 Oct 2015, *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Vinha, J. & Ruuska, T. (eds.). Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, p. 487-496 10 p. (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; no. 4).

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific

Practical experiences from several moisture performance assessments

Annala, P. J., Lahdensivu, J., Suonketo, J. & Pentti, M., 2016, *Recent developments in building diagnosis techniques.* Delgado, J. (ed.). Porto, Portugal: Springer Science+Business Media, Vol. 5. p. 1-20 20 p. (Building Pathology and Rehabilitation; vol. 5).

Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

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Editorial to "The best papers from the 32nd International Symposium on Automation and Robotics in Construction and Mining (ISARC 2015)"

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Research output: Contribution to journal > Editorial > Scientific

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Di Buò, B., Selänpää, J., Länsivaara, T. T. & D'ignazio, M., 2020, In : *Canadian Geotechnical Journal.* 57, 8, p. 1261-1262 2 p.

Research output: Contribution to journal > Comment/debate > Scientific

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Tuominen, E., Vinha, J. & Raunima, T., 2019, In : *MATEC Web of Conferences.* 282, 6 p., 02053.

Research output: Contribution to journal > Conference article > Scientific > peer-review

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Research output: Contribution to journal > Conference article > Scientific > peer-review

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Research output: Contribution to journal > Conference article > Scientific > peer-review

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Research output: Contribution to journal > Conference article > Scientific > peer-review

A generic method to optimize a redundant serial robotic manipulator's structure

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Research output: Contribution to journal > Article > Scientific > peer-review

Airtightness of residential buildings in Finland

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Consideration of energy consumption, energy costs, and space occupancy in Finnish daycare centres and school buildings

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Evaluating retrofit options in a historical city center: Relevance of bio-based insulation and the need to consider complex urban form in decision-making

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Initial axial stiffness of welded RHS T joints

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Mapping indoor overheating and air pollution risk modification across Great Britain: A modelling study

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Modeling of hygrothermal behavior for green facade's concrete wall exposed to nordic climate using artificial intelligence and global sensitivity analysis

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Precision refurbishment of buildings: A façade refurbishment case study

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Pre-use phase LCA of a multi-story residential building: Can greenhouse gas emissions be used as a more general environmental performance indicator?

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Radon, fungal spores and MVOCs reduction in crawl space house: A case study and crawl space development by hygrothermal modelling

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Recycling lithium mine tailings in the production of low temperature (700–900°C) ceramics: Effect of ladle slag and sodium compounds on the processing and final properties

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Relationships among Civil Engineering Students' Approaches to Learning, Perceptions of the Teaching-Learning Environment, and Study Success

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Role and nature of systemic innovations in construction and real estate sector

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Surrogate modeling for initial rotational stiffness of welded tubular joints

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Techno-economic evaluation of integrating torrefaction with anaerobic digestion

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The assessment of constructability: BIM cases

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The corrosion rate in reinforced concrete facades exposed to outdoor environment

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The effect of matrix type on ageing of thick vinyl ester glass-fibre-reinforced laminates

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The effect of steel grade on weight and cost of warren-type welded tubular trusses

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The impact of occupancy patterns, occupant-controlled ventilation and shading on indoor overheating risk in domestic environments

Mavrogianni, A., Davies, M., Taylor, J., Chalabi, Z., Biddulph, P., Oikonomou, E., Das, P. & Jones, B., 1 Jan 2014, In : Building and Environment. 78, p. 183-198 16 p.

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The relative importance of input weather data for indoor overheating risk assessment in dwellings

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Uncertainty in the early phase of a municipal building refurbishment project-A case study in Finland

Uotila, U., Saari, A. & Junnonen, J. M., 1 Aug 2020, In : Buildings. 10, 8, 18 p., 137.

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Understanding fundamental and practical ingredients of construction project data management

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Utilizing mixed-mineralogy ferroan magnesite tailings as the source of magnesium oxide in magnesium potassium phosphate cement

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Utilizing the innovation potential of suppliers in construction projects

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Research output: Contribution to journal › Article › Scientific › peer-review

Variation of CPTu-based transformation models for undrained shear strength of Finnish clays

Knuuti, M. & Lämsivaara, T., 2 Oct 2019, In : Georisk. 13, 4, p. 262-270 9 p.

Research output: Contribution to journal › Article › Scientific › peer-review