

Strategy formation in construction firms

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

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Research output: Book/Report > Commissioned report > Professional

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

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

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

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Research output: Book/Report > Book > Professional

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

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

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

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

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Research output: Book/Report › Commissioned report › Professional

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WIN-WINTER - Nordic winter road maintenance research program. Preliminary study: Project report

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

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Tuulettuvien yläpohjien lämpö- ja kosteustekninen toiminta nykyisessä ja tulevaisuuden ilmastossa

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

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

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

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Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja

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

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

Puurunkoisten tuuletettujen yläpohjien kosteustekninen toiminta

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

Airtightness of residential buildings in Finland

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

Improving the thermal performance of concrete-sandwich envelopes in relation to the moisture behaviour of building structures in boreal conditions

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

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

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Surrogate modeling for initial rotational stiffness of welded tubular joints

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

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

Validation of the method to evaluate the corrosion propagation stage by hygrothermal simulation

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

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

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Research output: Book/Report > Book > Professional

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

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

The effect of climate change on the amount of wind driven rain on concrete facades

Pakkala, T., Lemberg, A.-M. & Lahdensivu, J., May 2016, *Proceedings of the CIB World Building Congress 2016: Vol 2 : Environmental opportunities and challenges, Constructing commitment and acknowledging human experiences*. Prins, M., Wamelink, H., Giddings, B., Ku, K. & Feenstra, M. (eds.). Tampere: Tampere University of Technology. Department of Civil Engineering, Vol. 2. p. 153-165 13 p.

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

Effects of strain rate and confining pressure on the compressive behavior of Kuru granite

Hokka, M., Black, J., Tklich, D., Fourmeau, M., Kane, A., Hoang, N. H., Li, C. C., Chen, W. W. & Kuokkala, V-T., 1 May 2016, In : International Journal of Impact Engineering. 91, p. 183-193 11 p.

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

Energy saving in working hydraulics of long booms in heavy working vehicles

Immonen, P., Ponomarev, P., Åman, R., Ahola, V., Uusi-Heikkilä, J., Laurila, L., Handroos, H., Niemelä, M., Pyrhönen, J. & Huhtala, K., 1 May 2016, In : Automation in Construction. 65, p. 125-132 8 p.

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

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Research output: Book/Report > Book > Professional

The effect of climate change on freeze-thaw durability of concrete structures in Finland

Pakkala, T., Lemberg, A-M. & Lahdensivu, J., Jun 2016, p. 53. 1 p.

Research output: Other conference contribution > Paper, poster or abstract > Scientific

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

Stress relaxation in tempered glass caused by heat soak testing

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

Solar Panel Breakage During Heavy Rain Caused by Thermal Stress

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

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

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

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Research output: Contribution to journal > Editorial > Scientific

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Asp, O. & Laaksonen, A., 3 Nov 2016, In : Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering. 26, 4, p. 357-364 8 p.

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

Multicriteria selection in concept design of a divertor remote maintenance port in the EU DEMO reactor using an AHP participative approach

Carfora, D., Gironimo, G. D., Esposito, G., Huhtala, K., Määttä, T., Mäkinen, H., Micciché, G. & Mozzillo, R., 15 Nov 2016, In : Fusion Engineering and Design. 112, p. 324-331 8 p.

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

Designers' performance evaluation in construction projects

Kärnä, S. & Junnonen, J. M., 1 Jan 2017, In : ENGINEERING, CONSTRUCTION AND ARCHITECTURAL MANAGEMENT. 24, 1, p. 154-169 16 p.

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

The corrosion rate in reinforced concrete facades exposed to outdoor environment

Köliö, A., Pakkala, T. A., Hohti, H., Laukkarinen, A., Lahdensivu, J., Mattila, J. & Pentti, M., Feb 2017, In : Materials and Structures. 50, 23

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

Overheating in English dwellings: comparing modelled and monitored large-scale datasets

Symonds, P., Taylor, J., Mavrogianni, A., Davies, M., Shrubsole, C., Hamilton, I. & Chalabi, Z., 17 Feb 2017, In : Building Research and Information. 45, 1-2, p. 195-208 14 p.

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

Effect of energy measures on the values of energy efficiency indicators in Finnish daycare and school buildings

Sekki, T., Airaksinen, M. & Saari, A., 15 Mar 2017, In : Energy and Buildings. 139, p. 124-132 9 p.

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

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

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

Sarlin, E., Sironen, R., Pärnänen, T., Lindgren, M., Kanerva, M. & Vuorinen, J., 15 May 2017, In : Composite Structures. 168, p. 840-850

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

Carbon dioxide permeability of building materials and their impact on bedroom ventilation need

Niemelä, T., Vinha, J., Lindberg, R., Ruuska, T. & Laukkarinen, A., 1 Jul 2017, In : Journal of Building Engineering. 12, p. 99-108 10 p.

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

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

Kivelä, T., Mattila, J. & Puura, J., 1 Sep 2017, In : Automation in Construction. 81, p. 172-179 8 p.

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

Julkisivujen ja parvekkeiden talvikorjausohje

Pakkala, T., Lahdensivu, J., Köliö, A. & Annala, P., Oct 2017, *Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 24.-26.10.2017, Tampere*. Vinha, J. & Kivioja, H. (eds.). Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, p. 179-184 6 p. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

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

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

Salmisto, A., Postareff, L. & Nokelainen, P., 1 Oct 2017, In : Journal of Professional Issues in Engineering Education and Practice. 143, 4, 04017010.

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

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Laukkarinen, A., Heiskanen, R. & Vinha, J., 24 Oct 2017, *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Vinha, J. & Kivioja, H. (eds.). Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Vol. 1. p. 71-76 6 p. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

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

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

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

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

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

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

Initial in-plane rotational stiffness of welded RHS T joints with axial force in main member

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

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Core Project Team As a Management Entity for Construction Projects

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

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

An approach to combining related notifications in large-scale building management systems with a rehabilitation facility case study

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

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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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Alkali-silica reaction in finnish swimming pools

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

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

Huokoisten puukuitu- ja kipsilevytuulensuojalevyjen homeutumisherkyys

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

Ilmakehän pitkäaaltainen säteily rakennusfysikaalisissa laskentatarkasteluissa

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

Koulujen ja päiväkotien sisäilman lämpötilan, suhteellisen kosteuden ja hiilidioksidipitoisuuden mittaukset COMBI-hankkeessa

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Modelling the stressed skin effect by using shell elements with meta-material model

Pajunen, S., Hautala, J. & Heinisuo, M., 2019, In : Magazine of Civil Engineering. 86, 2, p. 20-29 10 p.
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Nano-structured optical fibers made of glass-ceramics, and phase separated and metallic particle-containing glasses

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

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

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Societal impact as Cost-Benefit Analysis: Comparative analysis of two research infrastructures

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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

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

Ismailov, A., Merilaita, N., Solismaa, S., Karhu, M. & Levänen, E., 20 Jan 2020, In : Construction and building materials. 231, 117098.

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Rybakov, V. A., Ananeva, I. A., Pichugin, E. D. & Garifullin, M., 1 Mar 2020, In : Magazine of Civil Engineering. 94, 2, p. 11-20 10 p.

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

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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