

- Uotila, U, Saari, A & Junnonen, JM 2020, 'Uncertainty in the early phase of a municipal building refurbishment project-A case study in Finland', *Buildings*, vol. 10, no. 8, 137. <https://doi.org/10.3390/BUILDINGS10080137>
- Kivioja, H & Vinha, J 2020, 'Hot-box measurements to investigate the internal convection of highly insulated loose-fill insulation roof structures', *Energy and Buildings*, vol. 216, 109934. <https://doi.org/10.1016/j.enbuild.2020.109934>
- Liljamo, T, Liimatainen, H, Pöllänen, M & Utriainen, R 2020, 'People's current mobility costs and willingness to pay for Mobility as a Service offerings', *Transportation Research Part A: Policy and Practice*, vol. 136, pp. 99-119. <https://doi.org/10.1016/j.tra.2020.03.034>
- Rybakov, VA, Ananeva, IA, Pichugin, ED & Garifullin, M 2020, 'Heat protective properties of enclosure structure from thin-wall profiles with foamed concrete', *Magazine of Civil Engineering*, vol. 94, no. 2, pp. 11-20. <https://doi.org/10.18720/MCE.94.2>
- Ismailov, A, Merilaita, N, Solismaa, S, Karhu, M & Levänen, E 2020, 'Utilizing mixed-mineralogy ferroan magnesite tailings as the source of magnesium oxide in magnesium potassium phosphate cement', *Construction and building materials*, vol. 231, 117098. <https://doi.org/10.1016/j.conbuildmat.2019.117098>
- May Tzuc, O, Rodríguez Gamboa, O, Aguilar Rosel, R, Che Poot, M, Edelman, H, Jiménez Torres, M & Bassam, A 2020, 'Modeling of hygrothermal behavior for green facade's concrete wall exposed to nordic climate using artificial intelligence and global sensitivity analysis', *Journal of Building Engineering*, vol. 33, 101625. <https://doi.org/10.1016/j.jobe.2020.101625>
- Di Buò, B, Selänpää, J, Länsivaara, TT & D'ignazio, M 2020, 'Reply to the discussion by koutsoftas on "evaluation of sample quality from different sampling methods in finnish soft sensitive clays"¹', *Canadian Geotechnical Journal*, vol. 57, no. 8, pp. 1261-1262. <https://doi.org/10.1139/cgj-2019-0754>
- Fedorik, F, Heiskanen, R, Laukkarinen, A & Vinha, J 2019, 'Impacts of multiple refurbishment strategies on hygrothermal behaviour of basement walls', *Journal of Building Engineering*, vol. 26, 100902. <https://doi.org/10.1016/j.jobe.2019.100902>
- Lemougna, PN, Yliniemi, J, Ismailov, A, Levänen, E, Tanskanen, P, Kinnunen, P, Roning, J & Illikainen, M 2019, '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', *Construction and building materials*, vol. 221, pp. 332-344. <https://doi.org/10.1016/j.conbuildmat.2019.06.078>
- Knuuti, M & Länsivaara, T 2019, 'Variation of CPTu-based transformation models for undrained shear strength of Finnish clays', *Georisk*, vol. 13, no. 4, pp. 262-270. <https://doi.org/10.1080/17499518.2019.1644525>
- Tulonen, J, Siitonen, T & Laaksonen, A 2019, 'Behaviour of riveted stringer-to-floorbeam connections in cyclic load tests to failure', *Journal of Constructional Steel Research*, vol. 160, pp. 101-109. <https://doi.org/10.1016/j.jcsr.2019.05.018>
- Bączkiewicz, J, Pajunen, S, Malaska, M & Heinisuo, M 2019, 'Parametric study on temperature distribution of square hollow section joints', *Journal of Constructional Steel Research*, vol. 160, pp. 490-498. <https://doi.org/10.1016/j.jcsr.2019.05.049>
- Magaziniq, A, Bedolla, JS, Lasheras, NC & Mäkinen, S 2019, Societal impact as Cost-Benefit Analysis: Comparative analysis of two research infrastructures. in *2019 IEEE International Conference on Engineering, Technology and Innovation, ICE/ITMC 2019*. IEEE, IEEE International Conference on Engineering, Technology and Innovation, Valbonne Sophia-Antipolis, France, 17/06/19. <https://doi.org/10.1109/ICE.2019.8792600>
- Sanchez-Guevara, C, Núñez Peiró, M, Taylor, J, Mavrogianni, A & Neila González, J 2019, 'Assessing population vulnerability towards summer energy poverty: Case studies of Madrid and London', *Energy and Buildings*, vol. 190, pp. 132-143. <https://doi.org/10.1016/j.enbuild.2019.02.024>

Garifullin, M, Bronzova, M, Pajunen, S, Mela, K & Heinisuo, M 2019, 'Initial axial stiffness of welded RHS T joints', *Journal of Constructional Steel Research*, vol. 153, pp. 459-472. <https://doi.org/10.1016/j.jcsr.2018.10.025>

Emami, N, Heinonen, J, Marteinsson, B, Säynäjoki, A, Junnonen, JM, Laine, J & Junnila, S 2019, 'A life cycle assessment of two residential buildings using two different LCA database-software combinations: Recognizing uniformities and inconsistencies', *Buildings*, vol. 9, no. 1, 20. <https://doi.org/10.3390/buildings9010020>

Claude, S, Ginestet, S, Bonhomme, M, Escadeillas, G, Taylor, J, Marincioni, V, Korolija, I & Altamirano, H 2019, 'Evaluating retrofit options in a historical city center: Relevance of bio-based insulation and the need to consider complex urban form in decision-making', *Energy and Buildings*, vol. 182, pp. 196-204. <https://doi.org/10.1016/j.enbuild.2018.10.026>

Lahdensivu, J & Kekäläinen, P 2019, Alkali-silica reaction in finnish swimming pools. in W Derkowski, P Krajewski, P Gwozdziwicz, M Pantak & L Hojdys (eds), *Proceedings of the fib Symposium 2019: Concrete - Innovations in Materials, Design and Structures*. fib Symposium Proceedings, International Federation for Structural Concrete, pp. 2006-2013, fib Symposium, 1/01/00.

Tuominen, E, Vinha, J & Raunima, T 2019, 'Behavior of capacitive humidity sensors in monitoring the drying of concrete walls', *MATEC Web of Conferences*, vol. 282, 02053. <https://doi.org/10.1051/mateconf/201928202053>

Tuominen, E, Vinha, J, Tuominen, O, Vääntinen, K & Vainio, M 2019, Betonin kosteustekniset materiaaliominaisuudet ja mittausmenetelmän kehittäminen. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 111-116, Rakennusfysiikka, 1/01/00.

Tiainen, T, Mela, K & Heinisuo, M 2019, Buckling length assessment with finite element approach. in F Wald & M Jandera (eds), *Stability and Ductility of Steel Structures - Proceedings of the International Colloquia on Stability and Ductility of Steel Structures, 2019*. CRC Press/Balkema, pp. 1145-1150, International Colloquia on Stability and Ductility of Steel Structures, Prague, Czech Republic, 11/09/19.

Tuominen, E & Vinha, J 2019, 'Calculation method to determine capillary properties of building materials with automatic free water intake test', *MATEC Web of Conferences*, vol. 282, 02037. <https://doi.org/10.1051/mateconf/201928202037>

Tuominen, E, Laukkarinen, A, Kauppinen, A, Raunima, T & Vinha, J 2019, COMBI-hankkeen paine-eromittausten yhteenveto. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 139-144, Tampere, Finland, 28/10/19.

Vinha, J & Laukkarinen, A 2019, COMBI-hankkeen suositukset korkeatasoisten ja kosteusturvallisten palvelurakennusten toteuttamiseksi - COMBI 8. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 217-222, Tampere, Finland, 28/10/19.

Ruusala, A, Laukkarinen, A & Vinha, J 2019, 'Comparison between calculated and billed building energy consumption values of schools and daycare centers', *MATEC Web of Conferences*, vol. 282, 02085. <https://doi.org/10.1051/mateconf/201928202085>

Tuominen, E, Ruusala, A, Laukkarinen, A, Pätsi, S, Pessi, A-M & Vinha, J 2019, Huokoisten puukuitu- ja kipsilevytuulensuojalevyjen homehtumisherkkyyden. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 517-524, Tampere, Finland, 28/10/19.

Jokela, T, Laukkarinen, A & Vinha, J 2019, Ilmakehän pitkäaaltoinen säteily rakennusfysiikallisissa laskentatarkasteluissa. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 55-60, Tampere, Finland, 28/10/19.

Tuominen, E, Raunima, T, Vinha, J & Sekki, P 2019, Kapasitiivisten kosteusantureiden käyttäytyminen betoniseiniä ja kipsivalulattioiden kuivumisen seurannassa. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 103-110, Tampere, Finland, 28/10/19.

Jokela, T, Laukkarinen, A & Vinha, J 2019, Kipsilevytuulensuojallisten puurunkoisten ulkoseinärakenteiden rakennusfysiikallinen toiminta. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 61-66, Tampere, Finland, 28/10/19.

Laukkarinen, A, Kauppinen, A, Tuominen, E, Raunima, T & Vinha, J 2019, Koulujen ja päiväkotien sisäilman lämpötilan, suhteellisen kosteuden ja hiilidioksidipitoisuuden mittaukset COMBI-hankkeessa. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 133-138, Tampere, Finland, 28/10/19.

Pajunen, S, Hautala, J & Heinisuo, M 2019, 'Modelling the stressed skin effect by using shell elements with meta-material model', *Magazine of Civil Engineering*, vol. 86, no. 2, pp. 20-29. <https://doi.org/10.18720/MCE.86.3>

Veber, A, Lu, Z, Vermillac, M, Pigeonneau, F, Blanc, W & Petit, L 2019, 'Nano-structured optical fibers made of glass-ceramics, and phase separated and metallic particle-containing glasses', *Fibers*, vol. 7, no. 12. <https://doi.org/10.3390/fib7120105>

Knuuti, M & Lämsävaara, T 2019, Performance of Variable Partial Factor approach in a slope design. in *13th International Conference on Applications of Statistics and Probability in Civil Engineering (ICASP13), Seoul, South Korea, May 26-30, 2019*. 13th International Conference on Applications of Statistics and Probability in Civil Engineering, ICASP 2019, Seoul, Korea, Republic of, 26/05/19. <https://doi.org/10.22725/ICASP13.475>

Tuominen, E, Vinha, J & Naskali, J 2019, Puuelementtien välisen sauman tiivistys kumitiivisteellä. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 125-129, Rakennusfysiikka, 1/01/00.

Moisio, T, Laukkarinen, A & Vinha, J 2019, Puurunkoisten ulkoseiniä liitosten lämpö- ja kosteustekninen toiminta. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 67-74, Tampere, Finland, 28/10/19.

Moisio, T, Laukkarinen, A & Vinha, J 2019, Rakennuksen ulkovaipan yli vaikuttavien paine-erojen määrittäminen rakennusfysiikallisia laskentatarkasteluja varten. in J Vinha & T Raunima (eds), *Rakennusfysiikka 2019: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 28.-30.10.2019, Tampere*. vol. Seminaarijulkaisu 6, Tampereen yliopisto, Rakennustekniikka, Tampere, pp. 49-54, Tampere, Finland, 28/10/19.

Alanen, J, Ruiz Morales, E, Muhammad, A, Saarinen, H & Minkkinen, J 2019, 'Remote diagnostics application software for remote handling equipment', *Fusion Engineering and Design*. <https://doi.org/10.1016/j.fusengdes.2019.01.125>

Haavisto, J, Kerokoski, O & Laaksonen, A 2019, Second-order analysis of prestressed concrete columns. in W Derkowski, P Krajewski, P Gwozdziwicz, M Pantak & L Hojdys (eds), *Proceedings of the fib Symposium 2019: Concrete - Innovations in Materials, Design and Structures*. FIB symposium proceedings, International Federation for Structural Concrete, pp. 1068-1074, fib Symposium, 1/01/00.

Tuominen, E, Tuominen, O, Vainio, M, Ruuska, T & Vinha, J 2019, 'Thermal and moisture properties of calcium silicate insulation boards', *MATEC Web of Conferences*, vol. 282, 02065. <https://doi.org/10.1051/mateconf/201928202065>

Havula, J, Garifullin, M, Heinisuo, M, Mela, K & Pajunen, S 2018, 'Moment-rotation behavior of welded tubular high strength steel T joint', *Engineering Structures*, vol. 172, pp. 523-537. <https://doi.org/10.1016/j.engstruct.2018.06.029>

Laukkarinen, A, Kero, P & Vinha, J 2018, 'Condensation at the exterior surface of windows', *Journal of Building Engineering*, vol. 19, pp. 592-601. <https://doi.org/10.1016/j.jobte.2018.06.014>

Keskikuru, T, Salo, J, Huttunen, P, Kokotti, H, Hyttinen, M, Halonen, R & Vinha, J 2018, 'Radon, fungal spores and MVOCs reduction in crawl space house: A case study and crawl space development by hygrothermal modelling', *Building and Environment*, vol. 138, pp. 1-10. <https://doi.org/10.1016/j.buildenv.2018.04.026>

Oluoti, K, Doddapaneni, TRKC & Richards, T 2018, 'Investigating the kinetics and biofuel properties of *Alstonia congensis* and *Ceiba pentandra* via torrefaction', *Energy*, vol. 150, pp. 134-141. <https://doi.org/10.1016/j.energy.2018.02.086>

Evchina, Y & Martinez Lastra, JL 2018, 'An approach to combining related notifications in large-scale building management systems with a rehabilitation facility case study', *Automation in Construction*, vol. 87, pp. 106-116. <https://doi.org/10.1016/j.autcon.2017.12.020>

Orell, O, Vuorinen, J, Jokinen, J, Kettunen, H, Hytönen, P, Turunen, J & Kanerva, M 2018, 'Characterization of elastic constants of anisotropic composites in compression using digital image correlation', *Composite Structures*, vol. 185, pp. 176-185. <https://doi.org/10.1016/j.compstruct.2017.11.008>

Garifullin, M, Bronzova, MK, Heinisuo, M, Mela, K & Pajunen, S 2018, 'Cold-formed RHS T joints with initial geometrical imperfections', *Magazine of Civil Engineering*, vol. 80, no. 4, pp. 81-94. <https://doi.org/10.18720/MCE.80.8>

Keinänen, M & Kähkönen, K 2018, 'Core Project Team As a Management Entity for Construction Projects', *In_bo: Ricerche e progetti per il territorio, la città e l'architettura. Construction Management*, vol. 9, no. 13, pp. 208-217.

Rantala, T, Kerokoski, O, Nurmikolu, A & Laaksonen, A 2018, Fatigue loading tests of concrete railway sleepers. in *High Tech Concrete: Where Technology and Engineering Meet - Proceedings of the 2017 fib Symposium*. Springer International Publishing, pp. 1445-1452, fib Symposium, 1/01/00. https://doi.org/10.1007/978-3-319-59471-2_166

Pakkala, T, Lahdensivu, J, Köliö, A & Annala, P 2018, *Julkisivujen ja parvekkeiden talvikorjaus 2018*. BY Tekniset ohjeet , no. 70, Suomen Betoniyhdistys r.y., Vaasa.

Doddapaneni, TRKC, Praveenkumar, R, Tolvanen, H, Rintala, J & Konttinen, J 2018, 'Techno-economic evaluation of integrating torrefaction with anaerobic digestion', *Applied Energy*, vol. 213, pp. 272-284. <https://doi.org/10.1016/j.apenergy.2018.01.045>

Sariola, R 2018, 'Utilizing the innovation potential of suppliers in construction projects', *Construction Innovation*, vol. 18, no. 2. <https://doi.org/10.1108/CI-06-2017-0050>

Garifullin, M, Pajunen, S, Mela, K, Heinisuo, M & Havula, J 2017, 'Initial in-plane rotational stiffness of welded RHS T joints with axial force in main member', *Journal of Constructional Steel Research*, vol. 139, pp. 353-362. <https://doi.org/10.1016/j.jcsr.2017.09.033>

Tiainen, T, Mela, K, Jokinen, T & Heinisuo, M 2017, 'The effect of steel grade on weight and cost of warren-type welded tubular trusses', *Proceedings of the Institution of Civil Engineers: Structures and Buildings*, vol. 170, no. 11, 1600112, pp. 855-873. <https://doi.org/10.1680/jstbu.16.00112>

Annala, P, Lahdensivu, J, Suonketo, J, Pentti, M, Laukkarinen, A & Vinha, J 2017, Kosteusvaurioiden vakavuus kuntien rakennuksissa. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 135-140, Rakennusfysiikka, 1/01/09.

Laukkarinen, A, Heiskanen, R & Vinha, J 2017, Maanvastaisten seinien lämpö- ja kosteustekninen toiminta. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 71-76, Rakennusfysiikka, 1/01/09.

Kauppinen, A, Kiviste, M, Pirhonen, J & Vinha, J 2017, Paine-erot Pirkanmaan ja Helsingin julkisissa palvelurakennuksissa. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 215-221, Rakennusfysiikka, 1/01/09.

Laukkarinen, A, Musakka, S, Penttilä, O, Teriö, O & Vinha, J 2017, Puukerrostalon työmaavaiheen lämpö- ja kosteusolosuhteiden mittaukset. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 167-172, Rakennusfysiikka, 1/01/09.

Teriö, O, Penttilä, O, Laukkarinen, A, Musakka, S & Vinha, J 2017, Puukerrostalorakentamisen kosteudenhallinta. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. vol. 1, Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 173-178, Rakennusfysiikka, 1/01/09.

Salmisto, A, Postareff, L & Nokelainen, P 2017, 'Relationships among Civil Engineering Students' Approaches to Learning, Perceptions of the Teaching-Learning Environment, and Study Success', *Journal of Professional Issues in Engineering Education and Practice*, vol. 143, no. 4, 04017010. [https://doi.org/10.1061/\(ASCE\)EI.1943-5541.0000343](https://doi.org/10.1061/(ASCE)EI.1943-5541.0000343)

Pakkala, T, Lahdensivu, J, Köliö, A & Annala, P 2017, Julkisivujen ja parvekkeiden talvikorjausohje. in J Vinha & H Kivioja (eds), *Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 24-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka., Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, Tampere, pp. 179-184, Rakennusfysiikka, 1/01/09.

Kivelä, T, Mattila, J & Puura, J 2017, 'A generic method to optimize a redundant serial robotic manipulator's structure', *Automation in Construction*, vol. 81, pp. 172-179. <https://doi.org/10.1016/j.autcon.2017.06.006>

Niemelä, T, Vinha, J, Lindberg, R, Ruuska, T & Laukkarinen, A 2017, 'Carbon dioxide permeability of building materials and their impact on bedroom ventilation need', *Journal of Building Engineering*, vol. 12, pp. 99-108. <https://doi.org/10.1016/j.jobe.2017.05.009>

Sarlin, E, Sironen, R, Pärnänen, T, Lindgren, M, Kanerva, M & Vuorinen, J 2017, 'The effect of matrix type on ageing of thick vinyl ester glass-fibre-reinforced laminates', *Composite Structures*, vol. 168, pp. 840-850. <https://doi.org/10.1016/j.compstruct.2017.02.086>

Sekki, T, Airaksinen, M & Saari, A 2017, 'Effect of energy measures on the values of energy efficiency indicators in Finnish daycare and school buildings', *Energy and Buildings*, vol. 139, pp. 124-132. <https://doi.org/10.1016/j.enbuild.2017.01.005>

Lappalainen, K & Valkealahti, S 2017, 'Output power variation of different PV array configurations during irradiance transitions caused by moving clouds', *Applied Energy*, vol. 190, pp. 902-910. <https://doi.org/10.1016/j.apenergy.2017.01.013>

Symonds, P, Taylor, J, Mavrogianni, A, Davies, M, Shrubsole, C, Hamilton, I & Chalabi, Z 2017, 'Overheating in English dwellings: comparing modelled and monitored large-scale datasets', *Building Research and Information*, vol. 45, no. 1-2, pp. 195-208. <https://doi.org/10.1080/09613218.2016.1224675>

Köliö, A, Pakkala, TA, Hohti, H, Laukkarinen, A, Lahdensivu, J, Mattila, J & Pentti, M 2017, 'The corrosion rate in reinforced concrete facades exposed to outdoor environment', *Materials and Structures*, vol. 50, no. 23. <https://doi.org/10.1617/s11527-016-0920-7>

Kärnä, S & Junnonen, JM 2017, 'Designers' performance evaluation in construction projects', *ENGINEERING, CONSTRUCTION AND ARCHITECTURAL MANAGEMENT*, vol. 24, no. 1, pp. 154-169. <https://doi.org/10.1108/ECAM-06-2015-0101>

Carfora, D, Gironimo, GD, Esposito, G, Huhtala, K, Määttä, T, Mäkinen, H, Micciché, G & Mozzillo, R 2016, 'Multicriteria selection in concept design of a divertor remote maintenance port in the EU DEMO reactor using an AHP participative approach', *Fusion Engineering and Design*, vol. 112, pp. 324-331. <https://doi.org/10.1016/j.fusengdes.2016.08.023>

Asp, O & Laaksonen, A 2016, 'Instrumentation and fe analysis of a large-span culvert built under a railway, in Finland', *Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering*, vol. 26, no. 4, pp. 357-364. <https://doi.org/10.2749/101686616X14555429843807>

Malaska, M & Heikkilä, R 2016, 'Editorial to "The best papers from the 32nd International Symposium on Automation and Robotics in Construction and Mining (ISARC 2015)"', *Automation in Construction*, vol. 71, pp. 1. <https://doi.org/10.1016/j.autcon.2016.08.045>

Sekki, T, Andelin, M, Airaksinen, M & Saari, A 2016, 'Consideration of energy consumption, energy costs, and space occupancy in Finnish daycare centres and school buildings', *Energy and Buildings*, vol. 129, pp. 199-206. <https://doi.org/10.1016/j.enbuild.2016.08.015>

Mikkonen, A & Karvinen, R 2016, Solar Panel Breakage During Heavy Rain Caused by Thermal Stress. in *Engineered Transparency 2016: Glass in Architecture and Structural Engineering*. Wiley, ENGINEERED TRANSPARENCY INTERNATIONAL CONFERENCE, 1/01/00.

Hilliaho, K, Nordquist, B, Wallentén, P, Hamid, AA & Lahdensivu, J 2016, 'Energy saving and indoor climate effects of an added glazed facade to a brick wall building: Case study', *Journal of Building Engineering*, vol. 7, pp. 246-262. <https://doi.org/10.1016/j.jobe.2016.07.004>

Schneider, J, Hilcken, J, Aronen, A, Karvinen, R, Olesen, JF & Nielsen, J 2016, 'Stress relaxation in tempered glass caused by heat soak testing', *Engineering Structures*, vol. 122, pp. 42-49. <https://doi.org/10.1016/j.engstruct.2016.04.024>

Lahdensivu, J, Annala, P & Pikkuvirta, J 2016, *Eriste- ja levyrappaus 2016, by 57*. BY. Tekniset ohjeet, no. 57, Suomen Betoniyhdistys r.y., Helsinki.

Pakkala, T, Lemberg, A-M & Lahdensivu, J 2016, 'The effect of climate change on freeze-thaw durability of concrete structures in Finland' Paper presented at OCEANEXT : Interdisciplinary Conference, 8/06/16, pp. 53.

Hokka, M, Black, J, Tkalic, D, Fourmeau, M, Kane, A, Hoang, NH, Li, CC, Chen, WW & Kuokkala, V-T 2016, 'Effects of strain rate and confining pressure on the compressive behavior of Kuru granite', *International Journal of Impact Engineering*, vol. 91, pp. 183-193. <https://doi.org/10.1016/j.ijimpeng.2016.01.010>

Immonen, P, Ponomarev, P, Åman, R, Ahola, V, Uusi-Heikkilä, J, Laurila, L, Handroos, H, Niemelä, M, Pyrhönen, J & Huhtala, K 2016, 'Energy saving in working hydraulics of long booms in heavy working vehicles', *Automation in Construction*, vol. 65, pp. 125-132. <https://doi.org/10.1016/j.autcon.2015.12.015>

Pakkala, T, Lemberg, A-M & Lahdensivu, J 2016, The effect of climate change on the amount of wind driven rain on concrete facades. in M Prins, H Wamelink, B Giddings, K Ku & M Feenstra (eds), *Proceedings of the CIB World Building Congress 2016: Vol 2 : Environmental opportunities and challenges, Constructing commitment and acknowledging human experiences*. vol. 2, Tampere University of Technology. Department of Civil Engineering, Tampere, pp. 153-165, CIB World Building Congress, 1/01/00.

Taylor, J, Davies, M, Mavrogianni, A, Shrubsole, C, Hamilton, I, Das, P, Jones, B, Oikonomou, E & Biddulph, P 2016, 'Mapping indoor overheating and air pollution risk modification across Great Britain: A modelling study', *Building and Environment*, vol. 99, pp. 1-12. <https://doi.org/10.1016/j.buildenv.2016.01.010>

Annala, P, Lahdensivu, J, Lemberg, A-M, Pikkuvirta, J & Pakkala, T 2016, *Tuulettuvat julkisivut 2016, by 64*. Suomen Betoniyhdistys r.y., Helsinki.

Heinonen, J, Säynäjoki, A, Junnonen, JM, Pöyry, A & Junnila, S 2016, 'Pre-use phase LCA of a multi-story residential building: Can greenhouse gas emissions be used as a more general environmental performance indicator?', *Building and Environment*, vol. 95, pp. 116-125. <https://doi.org/10.1016/j.buildenv.2015.09.006>

Kurvinen, A & Sorri, J 2016, Bus Transportation Accessibility - Does It Impact Housing Values? in S Nenonen & J-M Junnonen (eds), *Proceedings of the CIB World Building Congress 2016: Understanding impacts and functioning of different solutions*. vol. IV, Tampere University of Technology. Department of Civil Engineering, Tampere, pp. 321-331, CIB WORLD BUILDING CONGRESS, 1/01/00.

Hilliaho, K, Köliö, A, Pakkala, T, Lahdensivu, J & Vinha, J 2016, 'Effects of added glazing on Balcony indoor temperatures: Field measurements', *Energy and Buildings*, vol. 128, pp. 458-472. <https://doi.org/10.1016/j.enbuild.2016.07.025>

Annala, PJ, Lahdensivu, J, Suonketo, J & Pentti, M 2016, Practical experiences from several moisture performance assessments. in J Delgado (ed.), *Recent developments in building diagnosis techniques*. vol. 5, Building Pathology and Rehabilitation, vol. 5, Springer Science+Business Media, Porto, Portugal, pp. 1-20. <https://doi.org/10.1007/978-981-10-0466-7>

Garifullin, MR, Barabash, AV, Naumova, EA, Zhuvak, OV, Jokinen, T & Heinisuo, M 2016, 'Surrogate modeling for initial rotational stiffness of welded tubular joints', *Magazine of Civil Engineering*, vol. 63, no. 3, pp. 53-76. <https://doi.org/10.5862/MCE.63.4>

Ylinen, A, Mäkinen, J & Kouhia, R 2016, Two models for hydraulic cylinders in flexible multibody simulations. in *Computational Methods for Solids and Fluids: Multiscale Analysis, Probability Aspects and Model Reduction*. Computational Methods in Applied Sciences, vol. 41, Springer, pp. 463-493. https://doi.org/10.1007/978-3-319-27996-1_17

Ilomets, S, Kalamees, T & Lahdensivu, J 2016, Validation of the method to evaluate the corrosion propagation stage by hygrothermal simulation. in *CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future*. Czech Technical University in Prague, pp. 1113-1120, CENTRAL EUROPE TOWARDS SUSTAINABLE BUILDING CONFERENCE, 1/01/00.

Fedorik, F, Malaska, M, Hannila, R & Haapala, A 2015, 'Improving the thermal performance of concrete-sandwich envelopes in relation to the moisture behaviour of building structures in boreal conditions', *Energy and Buildings*, vol. 107, pp. 226-233. <https://doi.org/10.1016/j.enbuild.2015.08.020>

Vinha, J, Manelius, E, Korpi, M, Salminen, K, Kurnitski, J, Kiviste, M & Laukkarinen, A 2015, 'Airtightness of residential buildings in Finland', *Building and Environment*, vol. 93, no. P2, pp. 128-140. <https://doi.org/10.1016/j.buildenv.2015.06.011>

Hongisto, V, Kylliäinen, M & Hyönä, J 2015, ÄKK-hankkeen suositukset tulevaisuuden ääneneristysmääräyksiä koskien. in *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, pp. 561-566, Rakennusfysiikka, 1/01/00.

Kovalainen, V & Kylliäinen, M 2015, Menetelmä parvekelasien ääneneristävyyden mitoittamiseksi liikennemelualueilla. in *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, pp. 617-622, Rakennusfysiikka, 1/01/00.

Junttila, H, Laukkarinen, A & Vinha, J 2015, Puurunkoisten tuuletettujen yläpohjien kosteustekninen toiminta. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu, no. 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, pp. 77-82, Rakennusfysiikka, 1/01/00.

Latvanne, P & Kylliäinen, M 2015, Puuvälipohjien akustiset ominaisuudet. in *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, pp. 567-572, Rakennusfysiikka, 1/01/00.

Hilliaho, K, Nordquist, B & Wallentén, P 2015, Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu 4, no. 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, Tampere, pp. 509-516, Rakennusfysiikka, 1/01/00.

Laukkarinen, A & Hilliaho, K 2015, Lasitetun parvekkeen lämpötilan ja lämpöhäviöiden laskenta. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu, no. 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, pp. 181-186, Rakennusfysiikka, 1/01/00.

Köliö, A, Hohti, H, Pakkala, T, Laukkarinen, A, Lahdensivu, J & Mattila, J 2015, Raudoitteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädätin avulla. in *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu, no. 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, pp. 195-202, Rakennusfysiikka, 1/01/00.

Vinha, J, Hedman, M, Sirén, K, Harsia, P, Pentti, M, Teriö, O, Heljo, J, Laukkarinen, A, Annila, P, Kaasalainen, H, Jokisalo, J & Pihlajamaa, P 2015, Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja. in J Vinha & T Ruuska (eds), *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu, no. 4, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, pp. 487-496, Rakennusfysiikka, 1/01/00.

Jones, B, Das, P, Chalabi, Z, Davies, M, Hamilton, I, Lowe, R, Mavrogianni, A, Robinson, D & Taylor, J 2015, 'Assessing uncertainty in housing stock infiltration rates and associated heat loss: English and UK case studies', *Building and Environment*, vol. 92, pp. 644-656. <https://doi.org/10.1016/j.buildenv.2015.05.033>

Niemi, H, Kylliäinen, M, Jäppinen, J & Lindqvist, M 2015, Acoustics of vanished 19th century concert halls in Helsinki. in *9th International conference on Auditorium Acoustics 2015*. vol. 37, Institute of Acoustics, pp. 182-189, International Conference on Auditorium Acoustics, United Kingdom, 19/12/20.

Niemi, H, Kylliäinen, M, Jäppinen, J & Lindqvist, M 2015, Auralization of vanished 19th century concert halls in Helsinki. in *9th International Conference on Auditorium Acoustics 2015*. vol. 37, Institute of Acoustics, pp. 470-477, International Conference on Auditorium Acoustics, United Kingdom, 19/12/20.

Laukkarinen, A 2015, *Tuulettuvien yläpohjien lämpö- ja kosteustekninen toiminta nykyisessä ja tulevaisuuden ilmastossa*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka.

Sekki, T, Airaksinen, M & Saari, A 2015, 'Impact of building usage and occupancy on energy consumption in Finnish daycare and school buildings', *Energy and Buildings*, vol. 105, pp. 247-257. <https://doi.org/10.1016/j.enbuild.2015.07.036>

Gashti, EHN, Malaska, M & Kujala, K 2015, 'Analysis of thermo-active pile structures and their performance under groundwater flow conditions', *Energy and Buildings*, vol. 105, pp. 1-8. <https://doi.org/10.1016/j.enbuild.2015.07.026>

Carfora, D, Di Gironimo, G, Järvenpää, J, Huhtala, K, Määttä, T & Siuko, M 2015, 'Divertor remote handling for DEMO: Concept design and preliminary FMECA studies', *Fusion Engineering and Design*, vol. 98-99, pp. 1437-1441. <https://doi.org/10.1016/j.fusengdes.2015.06.056>

- Mavrogianni, A, Taylor, J, Davies, M, Thoua, C & Kolm-Murray, J 2015, 'Urban social housing resilience to excess summer heat', *Building Research and Information*, vol. 43, no. 3, pp. 316-333. <https://doi.org/10.1080/09613218.2015.991515>
- Kähkönen, K 2015, 'Role and nature of systemic innovations in construction and real estate sector', *Construction Innovation: Information, Process, Management*, vol. 15, no. 2, pp. 130-133. <https://doi.org/10.1108/CI-12-2014-0055>
- Kähkönen, K & Rannisto, J 2015, 'Understanding fundamental and practical ingredients of construction project data management', *Construction Innovation: Information, Process, Management*, vol. 15, no. 1, pp. 7-23. <https://doi.org/10.1108/CI-04-2014-0026>
- Sekki, T, Airaksinen, M & Saari, A 2015, 'Measured energy consumption of educational buildings in a Finnish city', *Energy and Buildings*, vol. 87, pp. 105-115. <https://doi.org/10.1016/j.enbuild.2014.11.032>
- Tauriainen, MK, Puttonen, JA & Saari, AJ 2015, 'The assessment of constructability: BIM cases', *Journal of Information Technology in Construction*, vol. 20, pp. 51-67.
- Hongisto, V & Kylliäinen, M 2015, *ÄKK Loppuraportti: rakennusten ääniolosuhteiden käyttäjälähtöinen kehittäminen*. Finnish Institute of Occupational Health, Helsinki.
- Pärnänen, T, Kanerva, M, Sarlin, E & Saarela, O 2015, 'Debonding and impact damage in stainless steel fibre metal laminates prior to metal fracture', *Composite Structures*, vol. 119, pp. 777-786. <https://doi.org/10.1016/j.compstruct.2014.09.056>
- Lindroos, M, Apostol, M, Kuokkala, VT, Laukkanen, A, Valtonen, K, Holmberg, K & Oja, O 2015, 'Experimental study on the behavior of wear resistant steels under high velocity single particle impacts', *International Journal of Impact Engineering*, vol. 78, pp. 114-127. <https://doi.org/10.1016/j.ijimpeng.2014.12.002>
- Laitinen, K, Mattila, K, Metsäpuro, P & Nykänen, L 2015, *Pyöräväylien tiedot ja laatuso.* vol. 24, 2015 edn, Liikennevirasto, Helsinki.
- Diez Albero, JA, Tiainen, T, Mela, K & Heinisuo, M 2015, Structural analysis of tubular truss in fire. in *ISTS15, 15th International Symposium on Tubular Structures, : 27-29 May 2015*. CRC Press/Balkema, pp. 181-187, International symposium on tubular structures, 1/01/00.
- Poutanen, T 2015, The target reliability of the eurocodes. in *Safety, Robustness and Condition Assessment of Structures*. IABSE Symposium Report, International Association for Bridge and Structural Engineering (IABSE), pp. 202-208, International Association for Bridge and Structural Engineering Conference, 1/01/00. <https://doi.org/10.2749/222137815815622816>
- Karhula, K, Pöllänen, M, Mäntynen, J, Rauhamäki, H, Leppäniemi, M & Luukkonen, T 2015, *WIN-WINTER - Nordic winter road maintenance research program. Preliminary study: Project report*. Tampere University of Technology.
- Karhula, K, Pöllänen, M, Mäntynen, J, Rauhamäki, H, Leppäniemi, M & Luukkonen, T 2015, *WIN-WINTER - Tie- ja katuverkon talvihoidon tutkimusohjelma. Esiselvitys: Raportti tuloksista*. Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne.
- Hassani Nezhad Gashti, E, Malaska, M & Kujala, K 2014, 'Evaluation of thermo-mechanical behaviour of composite energy piles during heating/cooling operations', *Engineering Structures*, vol. 75, pp. 363-373. <https://doi.org/10.1016/j.engstruct.2014.06.018>

Kantola, M & Saari, A 2014, 'Commissioning for nearly zero-energy building projects', *Construction Innovation: Information, Process, Management*, vol. 14, no. 3, pp. 370-382. <https://doi.org/10.1108/CI-06-2013-0031>

Lehtiranta, L & Junnonen, JM 2014, 'Stretching risk management standards: Multi-organizational perspectives', *BUILT ENVIRONMENT PROJECT AND ASSET MANAGEMENT*, vol. 4, no. 2, pp. 128-145. <https://doi.org/10.1108/BEPAM-06-2013-0019>

Mavrogianni, A, Davies, M, Taylor, J, Chalabi, Z, Biddulph, P, Oikonomou, E, Das, P & Jones, B 2014, 'The impact of occupancy patterns, occupant-controlled ventilation and shading on indoor overheating risk in domestic environments', *Building and Environment*, vol. 78, pp. 183-198. <https://doi.org/10.1016/j.buildenv.2014.04.008>

Taylor, J, Davies, M, Mavrogianni, A, Chalabi, Z, Biddulph, P, Oikonomou, E, Das, P & Jones, B 2014, 'The relative importance of input weather data for indoor overheating risk assessment in dwellings', *Building and Environment*, vol. 76, pp. 81-91. <https://doi.org/10.1016/j.buildenv.2014.03.010>

Das, P, Shrubsole, C, Jones, B, Hamilton, I, Chalabi, Z, Davies, M, Mavrogianni, A & Taylor, J 2014, 'Using probabilistic sampling-based sensitivity analyses for indoor air quality modelling', *Building and Environment*, vol. 78, pp. 171-182. <https://doi.org/10.1016/j.buildenv.2014.04.017>

Yi, X, Cho, C, Cook, B, Wang, Y, Tentzeris, MM & Leon, RT 2014, A slotted patch antenna for wireless strain sensing. in *Structures Congress 2014 - Proceedings of the 2014 Structures Congress*. American Society of Civil Engineers ASCE, pp. 2734-2743, Structures Congress 2014, Boston, United States, 3/04/14. <https://doi.org/10.1061/9780784413357.239>

Nissilä, J, Heikkilä, R, Romo, I, Malaska, M & Aho, T 2014, BIM based schedule control for precast concrete supply chain. in *31st International Symposium on Automation and Robotics in Construction and Mining, ISARC 2014 - Proceedings*. University of Technology Sydney, pp. 667-671, 31st International Symposium on Automation and Robotics in Construction and Mining, ISARC 2014, Sydney, Australia, 9/07/14.

Yi, X, Cho, C, Wang, Y, Cook, B, Tentzeris, MM & Leon, RT 2014, Crack propagation measurement using a battery-free slotted patch antenna sensor. in *7th European Workshop on Structural Health Monitoring, EWSHM 2014 - 2nd European Conference of the Prognostics and Health Management (PHM) Society*. INRIA, pp. 1040-1047, 7th European Workshop on Structural Health Monitoring, EWSHM 2014, Nantes, France, 8/07/14.

Yi, X, Cho, C, Cooper, J, Wang, Y, Tentzeris, MM & Leon, RT 2013, 'Passive wireless antenna sensor for strain and crack sensing - Electromagnetic modeling, simulation, and testing', *Smart Materials and Structures*, vol. 22, no. 8, 085009. <https://doi.org/10.1088/0964-1726/22/8/085009>

Heikkilä, R, Malaska, M, Törmänen, P & Keyack, C 2013, Integration of BIM and automation in high-rise building construction. in *ISARC 2013 - 30th International Symposium on Automation and Robotics in Construction and Mining, Held in Conjunction with the 23rd World Mining Congress*. pp. 1171-1176, 30th International Symposium on Automation and Robotics in Construction and Mining, ISARC 2013, Held in Conjunction with the 23rd World Mining Congress, Montreal, QC, Canada, 11/08/13.

Kouhia, R, Tüma, M, Mäkinen, J, Fedoroff, A & Marjamäki, H 2012, 'Implementation of a direct procedure for critical point computations using preconditioned iterative solvers', *Computers & Structures*, vol. 108-109, pp. 110-117. <https://doi.org/10.1016/j.compstruc.2012.02.009>

Saari, A, Kalamees, T, Jokisalo, J, Michelsson, R, Alanne, K & Kurnitski, J 2012, 'Financial viability of energy-efficiency measures in a new detached house design in Finland', *Applied Energy*, vol. 92, pp. 76-83. <https://doi.org/10.1016/j.apenergy.2011.10.029>

Mäntynen, J, Kallberg, H, Kalenoja, H, Rauhamäki, H, Pöllänen, MM, Luukkonen, T & Karhula, K 2012, *Liikennetekniikan perusteet: Opetusmoniste*. Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne., Tampere.

Yi, X, Cho, C, Wang, Y, Cook, BS, Cooper, J, Vyas, R, Tentzeris, MM & Leon, RT 2012, Passive frequency doubling antenna sensor for wireless strain sensing. in *ASME 2012 Conference on Smart Materials, Adaptive Structures and Intelligent Systems, SMASIS 2012*. vol. 1, pp. 625-632, ASME 2012 Conference on Smart Materials, Adaptive Structures and Intelligent Systems, SMASIS 2012, Stone Mountain, GA, United States, 19/09/12. <https://doi.org/10.1115/SMASIS2012-7923>

Laaksonen, A 2012, Structural behaviour of long integral abutment bridges. in *Global Thinking in Structural Engineering: Recent Achievements*. International Association for Bridge and Structural Engineering (IABSE), IABSE 2012 Spring Conference on Global Thinking in Structural Engineering: Recent Achievements, Sharm El Sheikh, Egypt, 7/05/12.

Yi, X, Wang, Y, Leon, RT, Cooper, J & Tentzeris, MM 2012, Wireless crack sensing using an RFID-based folded patch antenna. in *Bridge Maintenance, Safety, Management, Resilience and Sustainability - Proceedings of the Sixth International Conference on Bridge Maintenance, Safety and Management*. pp. 824-830, 6th International Conference on Bridge Maintenance, Safety and Management, IABMAS 2012, Stresa, Lake Maggiore, Italy, 8/07/12.

Kurnitski, J, Saari, A, Kalamees, T, Vuolle, M, Niemelä, J & Tark, T 2011, 'Cost optimal and nearly zero (nZEB) energy performance calculations for residential buildings with REHVA definition for nZEB national implementation', *Energy and Buildings*, vol. 43, no. 11, pp. 3279-3288. <https://doi.org/10.1016/j.enbuild.2011.08.033>

Krokfors, K, Ilmonen, M, Kangasoja, J, Lehtonen, H, Mälkki, M, Mäntysalo, R, Norvasuo, M, Nupponen, T & Puustinen, S 2011, 'Briefing: Initial findings from the urba project', *PROCEEDINGS OF THE ICE: URBAN DESIGN AND PLANNING*, vol. 164, no. 1, pp. 15-17. <https://doi.org/10.1680/udap.2011.164.1.15>

Yi, X, Wu, T, Lantz, G, Cooper, J, Cho, C, Wang, Y, Tentzeris, MM & Leon, RT 2011, Sensing resolution and measurement range of a passive wireless strain sensor. in *Structural Health Monitoring 2011: Condition-Based Maintenance and Intelligent Structures - Proceedings of the 8th International Workshop on Structural Health Monitoring*. vol. 1, pp. 759-766, 8th International Workshop on Structural Health Monitoring 2011: Condition-Based Maintenance and Intelligent Structures, Stanford, CA, United States, 13/09/11.

Salminen, M & Heinisuo, M 2011, Shear buckling and resistance of thin-walled steel plate at non-uniform elevated temperatures. in *10th International Conference on Steel Space and Composite Structures*. CI-Premier Pte Ltd, pp. 267-276, 10th International Conference on Steel Space and Composite Structures, SS 2011, Gazimagusa, Cyprus, 18/05/11.

Saari, A 2008, 'Computational design concept analysis: A Nordic comparison of four apartment buildings', *STRUCTURAL SURVEY*, vol. 26, no. 1, pp. 29-37. <https://doi.org/10.1108/02630800810857426>

Saari, A 2008, 'Precision refurbishment of buildings: A façade refurbishment case study', *STRUCTURAL SURVEY*, vol. 26, no. 2, pp. 108-119. <https://doi.org/10.1108/02630800810883049>

Kärnä, S & Junnonen, JM 2005, Project feedback as a tool for learning. in *Proceedings of the 13th Annual Conference of the International Group for Lean Construction (IGLC 2005)*. pp. 47-55, 13th International Group for Lean Construction Conference, IGLC 13, Sydney, NSW, Australia, 19/07/05.

Mäntynen, J, Pöllänen, M, Eskelinen, H, Lehtola, I, Perrels, A & Johanna, K 2002, *Lähtökohtia tie- ja rataverkon peruspalvelutason määrittämiselle*. Liikenne- ja viestintäministeriön julkaisuja, no. 48/2002, Liikenne- ja viestintäministeriö, Helsinki.

Junnonen, JM 1998, 'Strategy formation in construction firms', *ENGINEERING, CONSTRUCTION AND ARCHITECTURAL MANAGEMENT*, vol. 5, no. 2, pp. 107-114. <https://doi.org/10.1108/eb021065>