

- Pirjola, Liisa et al. "Potential of renewable fuel to reduce diesel exhaust particle emissions". *Applied Energy*. 2019. 254. <https://doi.org/10.1016/j.apenergy.2019.113636>
- Lemougna, Patrick N. et al. "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*. 2019, 221. 332-344. <https://doi.org/10.1016/j.conbuildmat.2019.06.078>
- Ismailov, Arnold et al. "Utilizing mixed-mineralogy ferroan magnesite tailings as the source of magnesium oxide in magnesium potassium phosphate cement". *Construction and building materials*. 2020. 231. <https://doi.org/10.1016/j.conbuildmat.2019.117098>
- Bączkiewicz, Jolanta et al. "Parametric study on temperature distribution of square hollow section joints". *Journal of Constructional Steel Research*. 2019, 160. 490-498. <https://doi.org/10.1016/j.jcsr.2019.05.049>
- Du, Liuliu et al. "Effects of energy retrofits on Indoor Air Quality in multifamily buildings". *Indoor Air*. 2019. <https://doi.org/10.1111/ina.12555>
- Liimatainen, Heikki, Oscar van Vliet ja David Aplyn. "The potential of electric trucks – An international commodity-level analysis". *Applied Energy*. 2019, 236. 804-814. <https://doi.org/10.1016/j.apenergy.2018.12.017>
- Garifullin, Marsel et al. "Initial axial stiffness of welded RHS T joints". *Journal of Constructional Steel Research*. 2019, 153. 459-472. <https://doi.org/10.1016/j.jcsr.2018.10.025>
- Leivo, Virpi et al. "Analysis of hygrothermal parameters in Finnish and Lithuanian multi-family buildings before and after energy retrofits". *Journal of Building Physics*. 2019. 42(4). <https://doi.org/10.1177/1744259118767236>
- Pajunen, S., J. Hautala ja M. Heinisuo. "Modelling the stressed skin effect by using shell elements with meta-material model". *Magazine of Civil Engineering*. 2019, 86(2). 20-29. <https://doi.org/10.18720/MCE.86.3>
- Laukkarinen, Anssi, Paavo Kero, ja Juha Vinha. "Condensation at the exterior surface of windows". *Journal of Building Engineering*. 2018, 19. 592-601. <https://doi.org/10.1016/j.jobbe.2018.06.014>
- Ruusala, Annu, Anssi Laukkarinen, ja Juha Vinha. "Energy consumption of Finnish schools and daycare centers and the correlation to regulatory building permit values". *Energy Policy*. 2018, 119. 183-195. <https://doi.org/10.1016/j.enpol.2018.04.029>
- Petrolaitiene, Vitalija et al. "From walls to experience – servitization of workplaces". *Facilities*. 2018, 36(9-10). 525-544. <https://doi.org/10.1108/F-07-2017-0072>
- Keskikuru, T. et al. "Radon, fungal spores and MVOCs reduction in crawl space house: A case study and crawl space development by hygrothermal modelling". *Building and Environment*. 2018, 138. 1-10. <https://doi.org/10.1016/j.buildenv.2018.04.026>
- Oluoti, Kehinde, Tharaka Rama K.C. Doddapaneni ja Tobias Richards. "Investigating the kinetics and biofuel properties of *Alstonia congensis* and *Ceiba pentandra* via torrefaction". *Energy*. 2018, 150. 134-141. <https://doi.org/10.1016/j.energy.2018.02.086>
- Evchina, Yulia ja Jose Luis Martinez Lastra. "An approach to combining related notifications in large-scale building management systems with a rehabilitation facility case study". *Automation in Construction*. 2018, 87. 106-116. <https://doi.org/10.1016/j.autcon.2017.12.020>
- Teräväinen, Ville, Juha Matti Junnonen, ja Simo Ali-Löytty. "Organizational culture: Case of the Finnish construction industry". *Construction Economics and Building*. 2018, 18(1). 48-69. <https://doi.org/10.5130/AJCEB.v18i1.5770>

Garifullin, M. et al. "Cold-formed RHS T joints with initial geometrical imperfections". *Magazine of Civil Engineering*. 2018, 80(4). 81-94. <https://doi.org/10.18720/MCE.80.8>

Rantala, Tommi et al. "Fatigue loading tests of concrete railway sleepers". *High Tech Concrete: Where Technology and Engineering Meet - Proceedings of the 2017 fib Symposium*. Springer International Publishing. 2018, 1445-1452. https://doi.org/10.1007/978-3-319-59471-2_166

Vinha, Juha et al. "Internal moisture excess of residential buildings in Finland". *Journal of Building Physics*. 2018, 42(3). 239-258. <https://doi.org/10.1177/1744259117750369>

Pakkala, Toni et al. *Julkisivujen ja parvekkeiden talvikorjaus 2018* BY Tekniset ohjeet ; 70. Vaasa: Suomen Betoniyhdistys r.y. 2018.

Teräväinen, Ville et al. "Relationships between organisational culture and efficiency in Finnish construction projects". *International Journal of Construction Management*. 2018. <https://doi.org/10.1080/15623599.2018.1503835>

Doddapaneni, Tharaka Rama Krishna C. et al. "Techno-economic evaluation of integrating torrefaction with anaerobic digestion". *Applied Energy*. 2018, 213. 272-284. <https://doi.org/10.1016/j.apenergy.2018.01.045>

Sariola, Rami. "Utilizing the innovation potential of suppliers in construction projects". *Construction Innovation*. 2018. 18(2). <https://doi.org/10.1108/CI-06-2017-0050>

Garifullin, Marsel et al. "Initial in-plane rotational stiffness of welded RHS T joints with axial force in main member". *Journal of Constructional Steel Research*. 2017, 139. 353-362. <https://doi.org/10.1016/j.jcsr.2017.09.033>

Tiainen, Teemu et al. "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*. 2017, 170(11). 855-873. <https://doi.org/10.1680/jstbu.16.00112>

Annila, Petri et al. "Kosteusvaurioiden vakavuus kuntien rakennuksissa". ja Vinha, Juha Kivioja, Henna (toimittaneet). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 135-140.

Laukkarinen, Anssi, Roosa Heiskanen, ja Juha Vinha "Maanvastaisten seinien lämpö- ja kosteustekninen toiminta". ja Vinha, Juha Kivioja, Henna (toimittaneet). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 71-76.

Laukkarinen, Anssi et al. "Puukerrostalon työmaavaiheen lämpö- ja kosteusolosuhteiden mittaukset". ja Vinha, Juha Kivioja, Henna (toimittaneet). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 167-172.

Teriö, Olli et al. "Puukerrostalorakentamisen kosteudenhallinta". ja Vinha, Juha Kivioja, Henna (toimittaneet). *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. 2017, 173-178.

Kivelä, Tuomo, Jouni Mattila ja Jussi Puura. "A generic method to optimize a redundant serial robotic manipulator's structure". *Automation in Construction*. 2017, 81. 172-179. <https://doi.org/10.1016/j.autcon.2017.06.006>

- Niemelä, Timo et al. "Carbon dioxide permeability of building materials and their impact on bedroom ventilation need". *Journal of Building Engineering*. 2017, 12. 99-108. <https://doi.org/10.1016/j.jobee.2017.05.009>
- Sekki, Tiina, Miimu Airaksinen, ja Arto Saari. "Effect of energy measures on the values of energy efficiency indicators in Finnish daycare and school buildings". *Energy and Buildings*. 2017, 139. 124-132. <https://doi.org/10.1016/j.enbuild.2017.01.005>
- Köliö, Arto et al. "The corrosion rate in reinforced concrete facades exposed to outdoor environment". *Materials and Structures*. 2017. 50(23). <https://doi.org/10.1617/s11527-016-0920-7>
- Achour, Nebil ja Kalle Kähkönen. "Editorial". *INTERNATIONAL JOURNAL OF DISASTER RESILIENCE IN THE BUILT ENVIRONMENT*. 2017, 8(3). 226-229. <https://doi.org/10.1108/IJDRBE-04-2017-0029>
- Malaska, Mikko ja Rauno Heikkilä. "Editorial to "The best papers from the 32nd International Symposium on Automation and Robotics in Construction and Mining (ISARC 2015)"". *Automation in Construction*. 2016, 71. 1. <https://doi.org/10.1016/j.autcon.2016.08.045>
- Sekki, Tiina et al. "Consideration of energy consumption, energy costs, and space occupancy in Finnish daycare centres and school buildings". *Energy and Buildings*. 2016, 129. 199-206. <https://doi.org/10.1016/j.enbuild.2016.08.015>
- Hilliaho, Kimmo et al. "Energy saving and indoor climate effects of an added glazed facade to a brick wall building: Case study". *Journal of Building Engineering*. 2016, 7. 246-262. <https://doi.org/10.1016/j.jobee.2016.07.004>
- Bragadin, Marco ja Kalle Kähkönen. "Schedule health assessment of construction projects". *Construction Management and Economics*. 2016, 34(12). 875-897. <https://doi.org/10.1080/01446193.2016.1205751>
- Immonen, Paula et al. "Energy saving in working hydraulics of long booms in heavy working vehicles". *Automation in Construction*. 2016, 65. 125-132. <https://doi.org/10.1016/j.autcon.2015.12.015>
- Lundström, Anette, Jussi Savolainen ja Emma Kostainen. "Case study: developing campus spaces through co-creation". *ARCHITECTURAL ENGINEERING AND DESIGN MANAGEMENT*. 2016, 12(6). 409-426. <https://doi.org/10.1080/17452007.2016.1208077>
- Hilliaho, Kimmo et al. "Effects of added glazing on Balcony indoor temperatures: Field measurements". *Energy and Buildings*. 2016, 128. 458-472. <https://doi.org/10.1016/j.enbuild.2016.07.025>
- Kantola, Mikko ja Arto Saari. "Identifying and managing risks involved in the transition to the EU nZEB decree". *Facilities*. 2016, 34(5-6). 339-349. <https://doi.org/10.1108/F-03-2014-0032>
- Kurvinen, Antti ja Jaakko Vihola. "The impact of residential development on nearby housing prices". *International Journal of Housing Markets and Analysis*. 2016, 9(4). 671-690. <https://doi.org/10.1108/IJHMA-10-2015-0069>
- Ilomets, Simo, Targo Kalamees, ja Jukka Lahdensivu "Validation of the method to evaluate the corrosion propagation stage by hygrothermal simulation". *CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future*. Czech Technical University in Prague. 2016, 1113-1120.
- Köliö, Arto et al. "Corrosion products of carbonation induced corrosion in existing reinforced concrete facades". *Cement and Concrete Research*. 2015, 78. 200-207. <https://doi.org/10.1016/j.cemconres.2015.07.009>
- Fedorik, Filip et al. "Improving the thermal performance of concrete-sandwich envelopes in relation to the moisture behaviour of building structures in boreal conditions". *Energy and Buildings*. 2015, 107. 226-233. <https://doi.org/10.1016/j.enbuild.2015.08.020>

Vinha, Juha et al. "Airtightness of residential buildings in Finland". *Building and Environment*. 2015, 93(P2). 128-140. <https://doi.org/10.1016/j.buildenv.2015.06.011>

Junttila, Hannanoora, Anssi Laukkarinen, ja Juha Vinha "Puurunkoisten tuuletettujen yläpohjien kosteustekninen toiminta". ja Vinha, Juha Ruuska, Tiina (toimittaneet). *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere..* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 77-82.

Hilliaho, Kimmo , Birgitta Nordquist ja Petter Wallentén "Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen". ja Vinha, Juha Ruuska, Tiina (toimittaneet). *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu 4; 4. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 509-516.

Laukkarinen, Anssi ja Kimmo Hilliaho "Lasitetun parvekkeen lämpötilan ja lämpöhäviöiden laskenta". ja Vinha, Juha Ruuska, Tiina (toimittaneet). *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 181-186.

Köliö, Arto et al. "Raudotteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädätän avulla". *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere..* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 195-202.

Vinha, Juha et al. "Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja". ja Vinha, Juha Ruuska, Tiina (toimittaneet). *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere..* Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. 2015, 487-496.

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

Sekki, Tiina, Miimu Airaksinen, ja Arto Saari. "Impact of building usage and occupancy on energy consumption in Finnish daycare and school buildings". *Energy and Buildings*. 2015, 105. 247-257. <https://doi.org/10.1016/j.enbuild.2015.07.036>

Gashti, E. Hassani Nezhad, M. Malaska ja K. Kujala. "Analysis of thermo-active pile structures and their performance under groundwater flow conditions". *Energy and Buildings*. 2015, 105. 1-8. <https://doi.org/10.1016/j.enbuild.2015.07.026>

Kähkönen, Kalle. "Role and nature of systemic innovations in construction and real estate sector". *Construction Innovation: Information, Process, Management*. 2015, 15(2). 130-133. <https://doi.org/10.1108/CI-12-2014-0055>

Kähkönen, Kalle ja Jukka Rannisto. "Understanding fundamental and practical ingredients of construction project data management". *Construction Innovation: Information, Process, Management*. 2015, 15(1). 7-23. <https://doi.org/10.1108/CI-04-2014-0026>

Sekki, Tiina, Miimu Airaksinen, ja Arto Saari. "Measured energy consumption of educational buildings in a Finnish city". *Energy and Buildings*. 2015, 87. 105-115. <https://doi.org/10.1016/j.enbuild.2014.11.032>

Tauriainen, Matti K., Jari A. Puttonen, ja Arto J. Saari. "The assessment of constructability: BIM cases". *Journal of Information Technology in Construction*. 2015, 20. 51-67.

Köliö, Arto, Petri J. Niemelä, ja Jukka Lahdensivu. "Evaluation of a carbonation model for existing concrete facades and balconies by consecutive field measurements". *Cement and Concrete Composites*. 2015, 65. 29-40. <https://doi.org/10.1016/j.cemconcomp.2015.10.013>

Huovinen, Pekka "Leveraging concepts for environmentally sustainable business management in construction - a focused review". Egbu, Charles (toim.). *CIB Proceedings 2015 : Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development*. London, UK: IBEA Publications Ltd. 2015, 286-296.

Diez Albero, J. A. et al. "Structural analysis of tubular truss in fire". *ISTS15, 15th International Symposium on Tubular Structures, : 27-29 May 2015*. CRC Press/Balkema. 2015, 181-187.

Poutanen, Tuomo "The target reliability of the eurocodes". *Safety, Robustness and Condition Assessment of Structures*. IABSE Symposium Report. International Association for Bridge and Structural Engineering (IABSE). 2015, 202-208. <https://doi.org/10.2749/222137815815622816>

Salonen, Joonas, Anssi Laukkarinen, ja Juha Vinha "Ulkoseinien rakennusfysikaaliset riskit ja pitkäaikaiskestävät ratkaisut"., Soikkeli, Anu Koiso-Kanttila, Jouni Sorri, Laura (toimittaneet). *Korjaa ja korota: Kerrostalojen korjaamisen ja lisäkerrosten rakentamisen ratkaisuja*. Oulun yliopisto, arkkitehtuurin osasto. A. Julkaisu. Oulu, Finland: Oulun yliopisto. 2015, 74-81.

Kantola, Mikko ja Arto Saari. "Commissioning for nearly zero-energy building projects". *Construction Innovation: Information, Process, Management*. 2014, 14(3). 370-382. <https://doi.org/10.1108/CI-06-2013-0031>

Nenonen, Suvi ja Anna Liisa Sarasoja. "Facilities management research in Finland - state-of-art about current Finnish PhD-projects". *Facilities*. 2014, 32(1-2). 58-66. <https://doi.org/10.1108/F-10-2012-0079>

Airo, Kaisa ja Suvi Nenonen. "Review of linguistic approach in the workplace management research". *Facilities*. 2014, 32(1-2). 27-45. <https://doi.org/10.1108/F-12-2011-0102>

Yi, Xiaohua et al. "A slotted patch antenna for wireless strain sensing". *Structures Congress 2014 - Proceedings of the 2014 Structures Congress*. American Society of Civil Engineers ASCE. 2014, 2734-2743. <https://doi.org/10.1061/9780784413357.239>

Nissilä, J. et al. "BIM based schedule control for precast concrete supply chain". *31st International Symposium on Automation and Robotics in Construction and Mining, ISARC 2014 - Proceedings*. University of Technology Sydney. 2014, 667-671.

Du, Liuliu et al. "Building energy-efficiency interventions in North-East Europe: Effects on indoor environmental quality and public health". *Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate*. International Society of Indoor Air Quality and Climate . 2014, 637-639.

Reponen, Tiina et al. "Characterization of charge in airborne fungal spores". *Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate*. International Society of Indoor Air Quality and Climate . 2014, 359-361.

Yi, Xiaohua et al. "Crack propagation measurement using a battery-free slotted patch antenna sensor". *7th European Workshop on Structural Health Monitoring, EWSHM 2014 - 2nd European Conference of the Prognostics and Health Management (PHM) Society*. INRIA. 2014, 1040-1047.

Kantola, Mikko ja Arto Saari. "Ensuring functionality of a nearly zero-energy building with procurement methods". *Facilities* . 2014, 32(7-8). 312-323. <https://doi.org/10.1108/F-05-2012-0040>

Alanne, Kari et al. "Economic viability of energy-efficiency measures in educational buildings in Finland". *ADVANCES IN BUILDING ENERGY RESEARCH*. 2013, 7(1). 120-127. <https://doi.org/10.1080/17512549.2013.809272>

Sillanpää, Elina ja Juha Matti Junnonen. "Factors affecting service innovations in FM service sector". *Facilities*. 2012, 30(11). 517-530. <https://doi.org/10.1108/02632771211252342>

Rothe, Peggie et al. "Work environment preferences - does age make a difference?". *Facilities*. 2012, 30(1). 78-95.
<https://doi.org/10.1108/02632771211194284>

Kurnitski, Jarek et al. "Cost optimal and nearly zero (nZEB) energy performance calculations for residential buildings with REHVA definition for nZEB national implementation". *Energy and Buildings*. 2011, 43(11). 3279-3288.
<https://doi.org/10.1016/j.enbuild.2011.08.033>

Aalto, Leena ja Arto Saari. "Re-engineering of the meal logistics in a sheltered house for elderly people". *Facilities*. 2009, 27(3-4). 120-137. <https://doi.org/10.1108/02632770910933143>