

Multisilta, Jari "On Actor-Network Theory and Learning Ecosystems based on Mobile Social Media". and Arnedillo Sánchez, Inmaculada Isaías, Pedro (editors). *Proceedings of the IADIS International Conference on Mobile Learning*. Lisbon. 2011, 193-198.

Multisilta, Jari "Designing Learning Ecosystems for Mobile Social Media". and Olofsson, Anders D. Lindberg, J. Ola (editors). *Informed Design of Educational Technologies in Higher Education*. IGI Global. 2012, 270-291. <https://doi.org/10.4018/978-1-61350-080-4.ch014>

Multisilta, Jari "Sosiaalinen media ja verkkovideot viitteessä ja oppimisessa". and Niemi, Hannele Sarras, Riitta (editors). *Tykkää tästä! Opettajan ammattietiikka sosiaalisen median ajassa*. Jyväskylä: PS-kustannus. 2012, 73-82.

Multisilta, Jari and Hannele Niemi "Oppilaiden tuottamien videoiden käyttö opetuksessa". *Uusi oppiminen*. Eduskunnan tulevaisuusvaliokunnan julkaisu; 8/2013. Eduskunta. 2013, 66-77.

Harju, Vilhelmiina and Jari Multisilta "Angry Birds for Fun in Learning"., Niemi, Hannele and Multisilta, Jari Lipponen, Lasse Vivitsou, Marianne (editors). *Finnish Innovations and Technologies in Schools: a Guide towards New Ecosystems of Learning*. Sense Publishers. 2014, 69-76.

Lappalainen, Yrjö and Mika Sihvonen "Avoimuus oppimisverkostossa". and Viteli, Jarmo Östman, Anneli (editors). *Tuovi 12: Interaktiivinen tekniikka koulutuksessa 2014-konferenssin tutkijatapaamisen artikkelit*. TRIM Research Reports; 12. University of Tampere. 2014, 37-43.

Multisilta, Jari and Hannele Niemi "Children as co-creators of video stories: mobile videos for learning". *2014 37th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO)*. 2014, 588-592.

Niemelä, Nina and Heidi Jauni "Content and Language Integration as a part of a degree reform at Tampere University of Technology". *HEPCLIL, Higher Education Perspectives on CLIL, University of Vic - Central University of Catalonia, VIC, 27 and 28 March 2014*. 2014, 39-53.

Viitanen, Kirsi et al. "Digitaalisen tarinankerronnan monet mahdollisuudet". and Niemi, Hannele Multisilta, Jari (editors). *Rajaton luokkahuone*. Opetus 2000. Jyväskylä: PS-kustannus. 2014, 187-211.

Niemi, Hannele et al. "Digital Storytelling for 21st -Century Skills in Virtual Learning Environments". *Creative Education*. 2014, 5. 657-671. <https://doi.org/10.4236/ce.2014.59078>

Passey, Don and Jari Multisilta, ed. *Education and Information Technologies, Volume 19, Issue 3, September 2014: Special Issue: Special Section on Intergenerational learning and digital technologies and Special Section on Mobile and Panoramic Video in Education* Education and Information Technologies; 3. Springer. 2014.

Niemi, Hannele et al. "Epilogue: What are Innovations in the Finnish Educational Ecosystem"., Niemi, Hannele and Multisilta, Jari Lipponen, Lasse Vivitsou, Marianna (editors). *Finnish Innovations and Technologies in Schools: A Guide towards New Ecosystems of Learning*. Rotterdam: Sense Publishers. 2014, 165-169.

Niemi, Hannele and Jari Multisilta "Global is Becoming Everywhere: Global Sharing Pedagogy"., Niemi, Hannele and Multisilta, Jari Lipponen, Lasse Vivitsou, Marianna (editors). *Finnish Innovations and Technologies in Schools: a Guide towards New Ecosystems of Learning*. Rotterdam: Sense Publishers. 2014, 35-47.

Niemi, Hannele and Jari Multisilta "Kansainvälinen jakamisen pedagogiikka". and Niemi, Hannele Multisilta, Jari (editors). *Rajaton luokkahuone*. Opetus 2000. Jyväskylä: PS-kustannus. 2014, 50-64.

Niemi, Hannele and Jari Multisilta "Koulu rajattomuuden keskellä". and Niemi, Hannele Multisilta, Jari (editors). *Rajaton luokkahuone*. Opetus 2000. Jyväskylä: PS-kustannus. 2014, 12-35.

Jauni, Heidi and Nina Niemelä "Language Learning in Task Management and Task Accomplishment In Higher Education Perspectives on Content and Language Integrated Learning". *HEPCLIL, Higher Education Perspectives on CLIL, University of Vic - Central University of Catalonia, VIC, 27 and 28 March 2014*. 2014, 183-203.

Harju, Vilhelmiina and Jari Multsilta "Leikkiset oppimateriaalit innostavat oppimaan". and Niemi, Hannele Multsilta, Jari (editors). *Rajaton luokkahuone*. Opetus 2000. Jyväskylä: PS-kustannus. 2014, 270-284.

Harju, Vilhelmiina and Jari Multsilta "Leikkien mutta tosissaan: Leikillä iloa oppimisympäristöön"., Krokfors, Leena Kangas, Marjaana Kopisto, Kaisa (editors). *Oppiminen pelissä*. Tampere: Vastapaino. 2014, 153-167.

Multsilta, Jari "Media ja yhteisölliset sovellukset". Leikas, Jaana (ed.). *Ikäteknologia*. Vanhustyön keskusliiton tutkimuksia; 2. 2014.

Multsilta, Jari, Hannele Niemi and Jari Lavonen "Miten suomalainen koulu valmistaa tulevaisuuteen?". and Niemi, Hannele Multsilta, Jari (editors). *Rajaton luokkahuone*. Opetus 2000. Jyväskylä: PS-kustannus. 2014, 286-298.

Multsilta, Jari. "Pelataan suomalainen koulu kukoistukseen". *Tiedosta*. 2014, 2014(1). 18.

Multsilta, Jari and Hannele Niemi "Videot nuorten maailmassa ja digitaalinen tarinankerronta". and Niemi, Hannele Multsilta, Jari (editors). *Rajaton luokkahuone*. Opetus 2000. Jyväskylä: PS-kustannus. 2014, 174-186.

Lappalainen, Yrjö *Matka AVOmerelle: Avoimuutta ja verkostomaista toimintakulttuuria tutkimassa* University of Tampere. 2014.

Niemi, Hannele et al. *Finnish Innovations and Technologies in Schools: a Guide towards New Ecosystems of Learning* Rotterdam: Sense Publishers. 2014.

Niemi, Hannele et al. "Prologue: Towards a Global Ecosystem"., Niemi, Hannele and Multsilta, Jari Lipponen, Lasse Vivitsou, Marianna (editors). *Finnish Innovations and Technologies in Schools: a Guide towards New Ecosystems of Learning*. Rotterdam: Sense Publishers. 2014, ix-xii.

Stoffregen, Julia, Jan M. Pawlowski, and Henri Pirkkalainen. "A Barrier framework for open e-learning in public administrations". *Computers in Human Behavior*. 2015, 51(B). 674-684. <https://doi.org/10.1016/j.chb.2014.12.024>

Korpinen, Leena and Rauno Pääkkönen. "Examples of the Teaching of the Health Questions of Electric and Magnetic Fields at Tampere University of Technology in Finland". *Journal of Physical Science and Application*. 2015, 5(4). 277-282. <https://doi.org/10.17265/2159-5348/2015.04.005>

Lappalainen, Yrjö et al. *Tila haltuun! Suositukset virtuaalisen suomen opiskelun toteuttamiseen* Turun yliopiston Brahea-keskuksen julkaisuja; 6. Turun yliopiston Brahea-keskus. 2015.

Tukiainen, Mika , Nina Helander and Marita Mäkinen "MYSTERY SHOPPERS RECOGNISING KNOWLEDGE SHARING BARRIERS IN HIGHER EDUCATION". *ICERI2015 Proceedings: 8th annual International Conference of Education, Research and Innovation Seville (Spain). 16th - 18th of November, 2015.* . 2015.

Tukiainen, Mika , Marita Mäkinen, and Nina Helander "University Students' Perceptions of Academic Writing: An Academic Literacies Perspective". *ICERI2015 Proceedings: 8th annual International Conference of Education, Research and Innovation Seville (Spain). 16th - 18th of November, 2015.* 2015, 7589-7595.

Korkalainen, Timo et al. "Virtual Reality Situational Language Trainer for Second Language: Design & Evaluation". and Bakkes, Sander Nack, Frank (editors). *GAMEON' 2015. 16th International Conference on Intelligent Games and Simulation*. 2015.

Niiranen, Sonja and Antti Hilmola. "Female technology education teachers' experiences of Finnish craft education". *DESIGN AND TECHNOLOGY EDUCATION: AN INTERNATIONAL JOURNAL*. 2016, 21(2). 41.

Sandström, N. et al. "How is it sustainable? Identifying key indicators for sustainable educational design"., Gómez Chova, L. López Martínez, A. Candel Torres, I. (editors). *10th INTED 2016 Conference Proceedings: 7-9 March, 2016, Valencia, Spain*. INTED proceedings. 2016, 4217-4219. <https://doi.org/10.21125/inted.2016.2037>

Nokelainen, Petri. "Huomio! Obs! Alert! "Työelämä on globaalissa murroksessa ..."". *Ammattikasvatuksen aikakauskirja*. 2016, 18(2). 4-8.

Niiranen, Sonja *Increasing girls' interest in technology education as a way to advance women in technology* Jyväskylän yliopisto, psykologian ja sosiologian tutkimuskeskus 71. University of Jyväskylä. 2016.

Nokelainen, Petri. "Pääkirjoitus". *Ammattikasvatuksen aikakauskirja*. 2016, 18(1). 4-6.

Nokelainen, Petri, Heidi Kaisvuori and Laura Pylväs "Self-regulation and competence in work-based learning". Mulder, Martin (ed.). *Competence-based Vocational and Professional Education. Bridging the Worlds of Work and Education : Bridging the Worlds of Work and Education*. Technical and Vocational Education and Training: Issues, Concerns and Prospects. Springer US. 2016, 775-793. [https://doi.org/10.1007/978-3-319-41713-4\\_36](https://doi.org/10.1007/978-3-319-41713-4_36)

Mäkelä, Ari-Mikko et al. "STACK assignments in university mathematics education". *Proceedings of the 44th SEFI Conference, 12 - 15 September 2016, Tampere, Finland*. European Society for Engineering Education SEFI. 2016.

Saari, Mika and Timo Mäkinen "Utilizing electronic exams in programming courses: a case study". *EDULEARN16 Proceedings : 8th International Conference on Education and New Learning Technologies Barcelona, Spain. 4-6 July, 2016*. EDULEARN proceedings. IATED. 2016, 7155-7160. <https://doi.org/10.21125/edulearn.2016.0560>

Pajarre, Eila *Harjoittelukäytänteet yliopistoissa 2015: - kooste opiskeluaikaista harjoittelua kartoittaneesta kyselystä TYYLI-hankkeeseen osallistuvilla yliopistoilla. Yhteiset ja yliopistokohtaiset tulokset 1/2016* Tampereen teknillinen yliopisto. 2016.

Tukiainen, Mika et al. "I feel great - university students affective experiences on learning and teaching"., Gómez Chova, L López Martínez, A Candel Torres, I (editors). *Proceedings of EDULEARN16 Conference: 8th International Conference on Education and New Learning Technologies, 4-6 July, 2016*. EDULEARN Proceedings. Barcelona: IATED Academy. 2016, 4453-4460. <https://doi.org/10.21125/edulearn.2016.2080>

Kangas, Jari, Elisa Rantanen and Lauri Kettunen. "How to facilitate freshmen learning and support their transition to a university study environment". *European Journal of Engineering Education*. 2016, 1-16. <https://doi.org/10.1080/03043797.2016.1214818>

Hellsten, Pasi , Jussi Myllärniemi, and Nina Helander "Luennot vuorovaikutuskeinona". *PedaForum -päivät 17.–18.8.2016, Jyväskylä*. 2016.

Myllärniemi, Jussi , Pasi Hellsten, and Nina Helander "Näkemyksiä nykyopettajuudesta yliopistossa". *PedaForum -päivät 17.–18.8.2016, Jyväskylä*. 2016.

Väätäjä, Heli and Aino Ahtinen "Integrating mobile orienteering to team forming activity in a software engineering course". *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education SEFI. 2016.

Helander, N. et al. "Affective experiences and student engagement in higher education". *44th Annual Conference Of The European Society For Engineering Education: 12-15 September 2016, Tampere, Finland*. Tampere. 2016.

Aarikka-Stenroos, Leena et al. "How to develop a new innovation education tool: case of impact canvas". *In the Proceedings of ISPIIM Innovation Summit. The International Society for Professional Innovation Management (ISPIIM)*. : 4-7 December 2016, Kuala Lumpur, Malaysia.. 2016.

Nisula, Karoliina and Samuli Pekkola "Assessing business learning by analysing ERP simulation log files". *AIS SIGED 2016 Conference on IS education and Research*. : Dublin, Ireland, December 10-11, 2016. Dublin. 2016.

Niemi, T., H. Kalliomäki and E. Pajarre "A teacher? A mentor? A friend? - Teacher mentoring experience at Tampere University of Technology". *Proceedings of the 45th SEFI Annual Conference 2017 - Education Excellence for Sustainability, SEFI 2017*. European Society for Engineering Education SEFI. 2017, 1352-1361.

Mikkonen, Susanna et al. "Guiding the workplace learning in vocational education and training: A literature review". *Empirical Research in Vocational Education and Training*. 2017. 9(9). <https://doi.org/10.1186/s40461-017-0053-4>

Rintala, Heta, Petri Nokelainen and Laura Pylväs. "Katsaus oppisopimuskoulutukseen instituutiona Saksassa, Englannissa ja Suomessa". *Kasvatus*. 2017, 48(2). 128-140.

Huhtamäki, Elina et al. "Otos iloa – Lasten kokemuksia iloa tuottavasta oppimisympäristöstä". *Kasvatus*. 2017, 48(4). 336-352.

Korpela, Aki et al. "Structural development of substance in engineering education: Method of cornerstones". *Interactive Collaborative Learning - Proceedings of the 19th ICL Conference - Volume 1*. Advances in Intelligent Systems and Computing. Springer Verlag. 2017, 566-576. [https://doi.org/10.1007/978-3-319-50337-0\\_54](https://doi.org/10.1007/978-3-319-50337-0_54)

Niemelä, Nina and Heidi Jauni "Teacher perceptions of teaching CLIL courses". and Valcke, Jennifer Wilkinson, Robert (editors). *Integrating Content and Language in Higher Education: Perspectives on Professional Practice. Selected Papers from the IV International Conference Integrating Content and Language in Higher Education 2015*. Frankfurt: Peter Lang. 2017, 77-96. <https://doi.org/10.3726/978-3-653-07263-1>

Tolonen, Johanna and Alpo Värri. "Survey of health informatics education in Finland in 2017". *Finnish Journal of eHealth and eWelfare*. 2017, 9(2-3). 217–231.

Sipilä, Miikka, Mervi Miettinen and Johanna Tevaniemi *Informaatiolukutaidon uudet kehikset tiedonhankintataitojen opetuksessa TTY:llä*. 2017.

Pylväs, Laura and Petri Nokelainen. "WorldSkills achievers' and their co-workers' and employers' perceptions of vocational expertise and school-to-work pathways". *International Journal for Research in Vocational Education and Training*. 2017, 4(2). 95-116. <https://doi.org/10.13152/IJRVED.4.2.1>

Juuti, Tero et al. "Pedagogical Content Knowledge in Product Development Education". *Proceedings of the 19th International Conference on Engineering and Production Design Education, 2017, Oslo, Norway, 7th - 8th September 2017*. The Design Society. 2017, 483-488.

Pyrhönen, Veli-Pekka "Vygotsky's Zone of Proximal Development in Connection with Technology-Enhanced Learning Environments"., Quadrado, Jose Bernardino, Jorge Rocha, Joao (editors). *Proceedings of the 45th SEFI Annual Conference*. European Society for Engineering Education SEFI. 2017, 1206-1213.

Salmisto, Alpo, Liisa Postareff, and Petri Nokelainen. "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*. 2017. 143(4). [https://doi.org/10.1061/\(ASCE\)EI.1943-5541.0000343](https://doi.org/10.1061/(ASCE)EI.1943-5541.0000343)

Viro, Elina, Jorma Joutsenlahti and Sirkka-Liisa Eriksson "Projektityöskentely matematiikan opiskelussa yläkoululaisten ja heidän opettajiensa kokemana". *2017: Proceedings of the annual FMSERA symposium 2016*. Proceedings of the FMSERA annual symposium. 2017.

Niiranen, Sonja "Gender and technology education". *Handbook of Technology Education*. Chapter Social and ethical issues, Springer. 2018, 875-888.

Pohjolainen, Seppo, Antti Rasila and Kirsi Kuosa "Matematiikan oppimisen tukeminen teknillisessä yliopistokoulutuksessa" ., Joutsenlahti, Jorma Silfverberg, Harry Räsänen, Pekka (editors). *Matematiikan opetus ja oppiminen*. Chapter 3, Porvoo: Niilo Mäki Instituutti. 2018, 450-474.

Pyrhönen, Veli-Pekka *The significance of self-regulation in digitalized online courses*. 2018.

Rajaniemi, Juho et al. "Urbanisoituva yliopistokampus informaalin oppimisen mahdollistajana". *Aikuiskasvatus*. 2018, 2018(1). 18-29.

Viro, Elina and Jorma Joutsenlahti. "The StarT Project Competition from the Perspective of Mathematics and Academic Literacy". *EDUCATION SCIENCES*. 2018. 8(2). <https://doi.org/10.3390/educsci8020067>

Kuisma, Merja and Petri Nokelainen. "Effects of progressive inquiry on cognitive and affective learning outcomes in adolescents' geography education". *Frontline Learning Research*. 2018. 6(2). <https://doi.org/10.14786/flr.v6i2.309>

Pyrhönen, Veli-Pekka *Osaamisperustaisuuden arviointia tentillä*. 2018. 1 p.

Lehtonen, Timo et al. "From systematic design process towards teaching product designer's toolkit"., Bohemia, Erik , Kovacevic, Ahmed , Buck, Lyndon Childs, Peter Green, Stephen Hall, Ashley Dasan, Aran (editors). *Proceedings of 20th International Conference on Engineering & Product Design Education: 6 & 7 September 2018, Dyson School of Design Engineering, Imperial College London, UK*. The Design Society. 2018, 92-97.

Pyrhönen, Veli-Pekka "Motivational orientations and learning strategies of engineering students using MSLQ". *Proceedings of the 46th SEFI Annual conference: Creativity, Innovation and Entrepreneurship for Engineering Education Excellence*. European Society for Engineering Education SEFI. 2018, 411-418.

Virkki-Hatakka, Terhi et al. "Practice makes perfect! Developing internship process in Finnish universities". *Proceedings of the SEFI annual conference 17-22 September 2018*. European Society for Engineering Education SEFI. 2018, 1402-1408.

Suominen, Anu and Jari Jussila "Collaborative Writing and Knowledge Creation in a Social Media Online Community"., Visvizi, Anna Lytras, Miltiadis D. Daniela, Linda (editors). *The Future of Innovation and Technology in Education: Policies and Practices for Teaching and Learning Excellence (Emerald Studies in Higher Education, Innovation and Technology)*. Chapter 6, Emerald Group Publishing Ltd. 2018, 95-109.

Rintala, Heta, Petri Nokelainen and Laura Pylväs "Students' experiences of Workplaces as Learning Environments in Vocational Education and Training in Finland"., Gougoulakis, Petros Teräs, Marianne Moreno Herrera, Lazaro (editors). *Vocational Education & Training - The World of Work and Teacher Education : Emergent Issues in Research on Vocational Education & Training Vol. 3*. Stockholm University Press. 2018.

Lehtonen, Eija et al. "Ammatillisten opettajien näkemyksiä opettajan työssä tarvittavasta kompetenssista ja työelämäyhteistyöstä". *Ammattikasvatuksen aikakauskirja*. 2018, 20(4). 10-26.

Takala, Annina and Kati Korhonen-Yrjänheikki. "A decade of Finnish engineering education for sustainable development". *INTERNATIONAL JOURNAL OF SUSTAINABILITY IN HIGHER EDUCATION*. 2019, 20(1). 170-186. <https://doi.org/10.1108/IJSHE-07-2018-0132>

Harju, Vilhelmiina, Antti Koskinen and Leila Pehkonen. "An exploration of longitudinal studies of digital learning". *EDUCATIONAL RESEARCH*. 2019. <https://doi.org/10.1080/00131881.2019.1660586>

Greipl, Simon et al. "Lifelong learning with a digital math game: Performance and basic experience differences across age"., Liapis, Antonios and Yannakakis, Georgios N. Gentile, Manuel Ninaus, Manuel (editors). *Games and Learning Alliance- 8th International Conference, GALA 2019, Proceedings*. Lecture Notes in Computer Science. Springer. 2019, 301-311. [https://doi.org/10.1007/978-3-030-34350-7\\_29](https://doi.org/10.1007/978-3-030-34350-7_29)

Asikainen, Henna, Kirsikka Kaipainen and Nina Katajavuori. "Understanding and promoting students' well-being and performance in university studies". *Journal of University Teaching and Learning Practice*. 2019. 16(5).

Pajarre, Eila et al. "Harjoitus tekee mestarin - harjoittelu maisterin? Kokemuksia uudeltaisista yliopisto-opintoihin integroiduista työelämäjaksoista". *Yliopistopedagogiikka*. 2019, 26(1). 42-45.

Rintala, Heta, Petri Nokelainen and Laura Pylväs "Informal workplace learning: Turning the workplace into a learning site" ., McGrath, Simon and Mulder, Martin Papier, Joy Suart, Rebecca (editors). *Handbook of vocational education and training : Developments in the changing world of work* . Springer. 2019, 1-14. [https://doi.org/10.1007/978-3-319-49789-1\\_97-1](https://doi.org/10.1007/978-3-319-49789-1_97-1)

Sipilä, Miikka, Mervi Miettinen and Johanna Tevaniemi "Adapting the New ACRL Framework to IL Education at Tampere University of Technology". *Information Literacy in Everyday Life: ECIL 2018*. Communications in Computer and Information Science. Springer Nature. 2019. [https://doi.org/10.1007/978-3-030-13472-3\\_40](https://doi.org/10.1007/978-3-030-13472-3_40)

Nokelainen, Petri. "Kohti itseohjautuvaa oppimista ammatillisessa koulutuksessa". *Ammattikasvatuksen aikakauskirja*. 2019, 21(1). 4-9.

Salmisto, Alpo *Opiskelijoiden lähestymistavat oppimiseen ja tiedon luomisen menetelmät rakennustekniikan yliopistokoulutuksessa* Tampereen yliopiston väitöskirjat; 30. Tampereen yliopisto. 2019.

Kinnari-Korpela, Hanna *Enhancing Learning in Engineering Mathematics Education: Utilising Educational Technology and Promoting Active Learning* Tampere University Dissertations. Tampere University. 2019.

Nisula, Karoliina *Holistic Business Learning Environment: Bringing practice and integration to business education* Tampere University Dissertations. Tampere University. 2019.

Tappura, Sari et al. "Process Safety Competence of Vocational Students". Arezes, Pedro (ed.). *Advances in Safety Management and Human Factors: Proceedings of the AHFE 2019 International Conference on Safety Management and Human Factors, July 24-28, 2019, Washington D.C., USA*. Advances in Intelligent Systems and Computing,. Cham: Springer International Publishing. 2019, 383-392 . [https://doi.org/10.1007/978-3-030-20497-6\\_36](https://doi.org/10.1007/978-3-030-20497-6_36)

Tapani, Annukka, Anu Raudasoja, and Petri Nokelainen. "Ammatillisen koulutuksen uudistus: uhka ja mahdollisuus". *Ammattikasvatuksen aikakauskirja*. 2019, 21(2). 4-8.

Katko, Tapio S. "Vesihuollon koulutus ja tutkimus lähemmäksi rakennettua ympäristöä". *Vesitalous*. 2019, 60(4). 24-25.

Rintala, Heta and Petri Nokelainen. "Vocational Education and Learners' Experienced Workplace Curriculum". *Vocations and Learning*. 2019. <https://doi.org/10.1007/s12186-019-09229-w>

Rättyä, Kaisu and Tero Juuti. "Lokikirja oppimisen arviointimenetelmänä". *KASVATUS, SUOMEN KASVATUSTIETEELLINEN AIKAKAUSKIRJA*. 2019.

Lindsten, Hanna, Petra Auvinen, and Tero Juuti "Internal and external stakeholders' impact on product development curriculum design". *DS 95: Proceedings of the 21st International Conference on Engineering and Product Design Education (E&PDE 2019)*, University of Strathclyde, Glasgow. 12th -13th September 2019. The Design Society. 2019. <https://doi.org/10.35199/epde2019.64>

Niiranen, Sonja. "Supporting the development of students' technological understanding in craft and technology education via the learning-by-doing approach". *International Journal of Technology and Design Education*. 2019, 1-13. <https://doi.org/10.1007/s10798-019-09546-0>

Pajarre, Eila, Sanna Kivimäki and Sara Selänne. "Yhteiset osaamistavoitteet Tampereen korkeakoulu yhteisön tutkinnoissa – mitä ne ovat ja miten niiden saavuttamista tuetaan opetussuunnitelmatyössä?". *EPOOKI*. 2019. (58).

Nagy, Balázs Vince et al. *Proceedings of the SEFI 47th Annual Conference, 2019: Varietas delectat... Complexity is the new normality* European Society for Engineering Education SEFI. 2019.

Hartikainen, Susanna et al. "The concept of active learning and the measurement of learning outcomes: A review of research in engineering higher education". *EDUCATION SCIENCES*. 2019. 9(4). <https://doi.org/10.3390/educsci9040276>

Murtonen, Mari et al. "Creating a National Digital Learning Environment for Enhancing University Teachers' Pedagogical Expertise – The Case UNIPS". *International Journal of Learning, Teaching and Educational Research*. 2019, 18(13). 7-29. <https://doi.org/10.26803/ijlter.18.13.2>

Rintala, Heta and Petri Nokelainen. "Standing and attractiveness of vocational education and training in Finland: focus on learning environments". *JOURNAL OF VOCATIONAL EDUCATION AND TRAINING*. 2020. <https://doi.org/10.1080/13636820.2020.1744696>

Viro, Elina et al. "Teachers' perspectives on project-based learning in mathematics and science". *European Journal of Science and Mathematics Education*. 2020, 8(1). 12-31.

Rintala, Heta *Work-Based Learning in Vocational Education and Training: Varied Communities, Fields and Learning Pathways* Tampere University Dissertations. Tampere University. 2020.

Niiranen, Sonja and Petri Nokelainen. "Toimijuus ja ammatillinen kasvu". *Ammattikasvatuksen aikakauskirja*. 2020, 22(1). 4-7.

Wallin, Anna, Laura Pylväs, and Petri Nokelainen. "Government Workers' Stories about Professional Development in a Digitalized Working Life". *Vocations and Learning*. 2020. <https://doi.org/10.1007/s12186-020-09248-y>

Puhakka, Ilmari J.A. and Mikko J. Peltola. "Salivary cortisol reactivity to psychological stressors in infancy: A meta-analysis". *PSYCHONEUROENDOCRINOLOGY*. 2020. 115. <https://doi.org/10.1016/j.psyneuen.2020.104603>

Värri, Alpo et al. "The Definition of Informatics Competencies in Finnish Healthcare and Social Welfare Education". *Digital Personalized Health and Medicine: Proceedings of MIE 2020*. Studies in Health Technology and Informatics. IOP Press. 2020, 1143-1147. <https://doi.org/10.3233/SHTI200341>

Wortha, Silke M. et al. "Neurofunctional plasticity in fraction learning: An fMRI training study". *Trends in Neuroscience and Education*. 2020. 21. <https://doi.org/10.1016/j.tine.2020.100141>