

Neurofunctional plasticity in fraction learning : An fMRI training study. / Wortha, Silke M.; Bloechle, Johannes; Ninaus, Manuel; Kiili, Kristian; Lindstedt, Antero; Bahnmueller, Julia; Moeller, Korbinian; Klein, Elise.

In: Trends in Neuroscience and Education, Vol. 21, 100141, 01.12.2020.

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

The Definition of Informatics Competencies in Finnish Healthcare and Social Welfare Education. / Värri, Alpo; Tiainen, Minna; Rajalahti, Elina; Kinnunen, Ulla Mari; Saarni, Lea; Ahonen, Outi.

Digital Personalized Health and Medicine: Proceedings of MIE 2020. IOP Press, 2020. p. 1143-1147 (Studies in Health Technology and Informatics; Vol. 270).

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

Salivary cortisol reactivity to psychological stressors in infancy : A meta-analysis. / Puhakka, Ilmari J.A.; Peltola, Mikko J.

In: PSYCHONEUROENDOCRINOLOGY, Vol. 115, 104603, 01.05.2020.

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

Government Workers' Stories about Professional Development in a Digitalized Working Life. / Wallin, Anna; Pylväs, Laura; Nokelainen, Petri.

In: Vocations and Learning, 02.04.2020.

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

Toimijuus ja ammatillinen kasvu. / Niiranen, Sonja; Nokelainen, Petri.

In: Ammattikasvatuksen aikakauskirja, Vol. 22, No. 1, 22.03.2020, p. 4-7.

Research output: Contribution to journal › Editorial › Scientific

Work-Based Learning in Vocational Education and Training : Varied Communities, Fields and Learning Pathways. / Rintala, Heta.

Tampere University, 2020. (Tampere University Dissertations; Vol. 196).

Research output: Book/Report › Doctoral thesis › Collection of Articles

Standing and attractiveness of vocational education and training in Finland : focus on learning environments. / Rintala, Heta; Nokelainen, Petri.

In: JOURNAL OF VOCATIONAL EDUCATION AND TRAINING, 2020.

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

Teachers' perspectives on project-based learning in mathematics and science. / Viro, Elina; Lehtonen, Daranee; Joutsenlahti, Jorma; Tahvanainen, Ville.

In: European Journal of Science and Mathematics Education, Vol. 8, No. 1, 2020, p. 12-31.

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

Creating a National Digital Learning Environment for Enhancing University Teachers' Pedagogical Expertise – The Case UNIPS. / Murtonen, Mari; Laato, Samuli; Lipponen, Emilia; Salmento, Heidi; Vilppu, Henna; Maikkola, Merja; Vaskuri, Paula; Mäkinen, Martti; Naukkarinen, Johanna; Virkki-Hatakka, Terhi; Pajarre, Eila; Selänne, Sara; Skaniakos, Terhi.

In: International Journal of Learning, Teaching and Educational Research, Vol. 18, No. 13, 12.2019, p. 7-29.

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

The concept of active learning and the measurement of learning outcomes : A review of research in engineering higher education. / Hartikainen, Susanna; Rintala, Heta; Pylväs, Laura; Nokelainen, Petri.

In: EDUCATION SCIENCES, Vol. 9, No. 4, 276, 19.11.2019.

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

Proceedings of the SEFI 47th Annual Conference, 2019 : Varietas delectat... Complexity is the new normality. / Nagy, Balázs Vince (Editor); Murphy, Mike (Editor); Järvinen, Hannu-Matti (Editor); Kálman, Anikó (Editor).

European Society for Engineering Education SEFI, 2019. 2128 p.

Research output: Book/Report › Anthology › Scientific › peer-review

Yhteiset osaamistavoitteet Tampereen korkeakoulu yhteisön tutkinnoissa – mitä ne ovat ja miten niiden saavuttamista tuetaan opetussuunnitelmatyössä? / Pajarre, Eila; Kivimäki, Sanna; Selänne, Sara.

In: EPOOKI, No. 58, 30.09.2019.

Research output: Contribution to journal › Article › Professional

Supporting the development of students' technological understanding in craft and technology education via the learning-by-doing approach. / Niiranen, Sonja.

In: International Journal of Technology and Design Education, 16.09.2019, p. 1-13.

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

Internal and external stakeholders' impact on product development curriculum design. / Lindsten, Hanna; Auvinen, Petra; Juuti, Tero.

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.

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

Lokikirja oppimisen arviointimenetelmänä. / Rättyä, Kaisu; Juuti, Tero.

In: KASVATUS, SUOMEN KASVATUSTIETEELLINEN AIKAKAUSKIRJA, 01.09.2019.

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

Vocational Education and Learners' Experienced Workplace Curriculum. / Rintala, Heta; Nokelainen, Petri.

In: Vocations and Learning, 08.08.2019.

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

Vesihuollon koulutus ja tutkimus lähemmäksi rakennettua ympäristöä. / Katko, Tapio S.

In: Vesitalous, Vol. 60, No. 4, 08.2019, p. 24-25.

Research output: Contribution to journal › Article › Professional

Ammatillisen koulutuksen uudistus: uhka ja mahdollisuus. / Tapani, Annukka; Raudasoja, Anu; Nokelainen, Petri.

In: Ammattikasvatuksen aikakauskirja, Vol. 21, No. 2, 15.06.2019, p. 4-8.

Research output: Contribution to journal › Editorial › Scientific

Process Safety Competence of Vocational Students. / Tappura, Sari; Nenonen, Sanna; Nenonen, Noora; Kivistö-Rahnasto, Jouni.

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. ed. / Pedro Arezes. Cham : Springer International Publishing, 2019. p. 383-392 (Advances in Intelligent Systems and Computing.; Vol. 969).

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

Holistic Business Learning Environment : Bringing practice and integration to business education. / Nisula, Karoliina.

Tampere University, 2019. 152 p. (Tampere University Dissertations; Vol. 53).

Research output: Book/Report › Doctoral thesis › Collection of Articles

Enhancing Learning in Engineering Mathematics Education : Utilising Educational Technology and Promoting Active Learning. / Kinnari-Korpela, Hanna.

Tampere University, 2019. 180 p. (Tampere University Dissertations; Vol. 38).

Research output: Book/Report › Doctoral thesis › Monograph

Opiskelijoiden lähestymistavat oppimiseen ja tiedon luomisen menetelmät rakennustekniikan yliopistokoulutuksessa. / Salmisto, Alpo.

Tampereen yliopisto, 2019. 63 p. (Tampereen yliopiston väitöskirjat; No. 30).

Research output: Book/Report › Doctoral thesis › Collection of Articles

Kohti itseohjautuvaa oppimista ammatillisessa koulutuksessa. / Nokelainen, Petri.

In: Ammattikasvatuksen aikakauskirja, Vol. 21, No. 1, 01.03.2019, p. 4-9.

Research output: Contribution to journal › Editorial › Scientific

Adapting the New ACRL Framework to IL Education at Tampere University of Technology. / Sipilä, Miikka; Miettinen, Mervi; Tevaniemi, Johanna.
Information Literacy in Everyday Life: ECIL 2018. Springer Nature, 2019. (Communications in Computer and Information Science; Vol. 989).
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Informal workplace learning : Turning the workplace into a learning site. / Rintala, Heta; Nokelainen, Petri; Pylväs, Laura.
Handbook of vocational education and training : Developments in the changing world of work . ed. / Simon McGrath; Martin Mulder; Joy Papier; Rebecca Suart. Springer, 2019. p. 1-14.
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

Harjoitus tekee mestarin - harjoittelu maisterin? Kokemuksia uudenlaisista yliopisto-opintoihin integroiduista työelämäjaksoista. / Pajarre, Eila; Palosaari-Aubry, Päivi; Virkki-Hatakka, Terhi; Hietaniemi, Riku; Tompuri, Helena; Pajari, Sauli.
In: Yliopistopedagogiikka, Vol. 26, No. 1, 02.2019, p. 42-45.
Research output: Contribution to journal > Article > Scientific

A decade of Finnish engineering education for sustainable development. / Takala, Annina; Korhonen-Yrjänheikki, Kati.
In: INTERNATIONAL JOURNAL OF SUSTAINABILITY IN HIGHER EDUCATION, Vol. 20, No. 1, 2019, p. 170-186.
Research output: Contribution to journal > Article > Scientific > peer-review

An exploration of longitudinal studies of digital learning. / Harju, Vilhelmiina; Koskinen, Antti; Pehkonen, Leila.
In: EDUCATIONAL RESEARCH, 2019.
Research output: Contribution to journal > Review Article > Scientific > peer-review

Lifelong learning with a digital math game : Performance and basic experience differences across age. / Greipl, Simon; Moeller, Korbinian; Kiili, Kristian; Ninaus, Manuel.
Games and Learning Alliance- 8th International Conference, GALA 2019, Proceedings. ed. / Antonios Liapis; Georgios N. Yannakakis; Manuel Gentile; Manuel Ninaus. Springer, 2019. p. 301-311 (Lecture Notes in Computer Science; Vol. 11899).
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Understanding and promoting students' well-being and performance in university studies. / Asikainen, Henna; Kaipainen, Kirsikka; Katajavuori, Nina.
In: Journal of University Teaching and Learning Practice, Vol. 16, No. 5, 2, 2019.
Research output: Contribution to journal > Article > Scientific > peer-review

Ammatillisten opettajien näkemyksiä opettajan työssä tarvittavasta kompetenssista ja työelämäyhteistyöstä. / Lehtonen, Eija; Rintala, Heta; Pylväs, Laura; Nokelainen, Petri.
In: Ammattikasvatuksen aikakauskirja, Vol. 20, No. 4, 19.12.2018, p. 10-26.
Research output: Contribution to journal > Article > Scientific > peer-review

Students' experiences of Workplaces as Learning Environments in Vocational Education and Training in Finland. / Rintala, Heta; Nokelainen, Petri; Pylväs, Laura.
Vocational Education & Training - The World of Work and Teacher Education : Emergent Issues in Research on Vocational Education & Training Vol. 3. ed. / Petros Gougoulakis; Marianne Teräs; Lazaro Moreno Herrera. Stockholm University Press, 2018.
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

Collaborative Writing and Knowledge Creation in a Social Media Online Community. / Suominen, Anu; Jussila, Jari.
The Future of Innovation and Technology in Education: Policies and Practices for Teaching and Learning Excellence (Emerald Studies in Higher Education, Innovation and Technology). ed. / Anna Visvizi; Miltiadis D. Lytras; Linda Daniela. Emerald Group Publishing Ltd., 2018. p. 95-109.
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

Motivational orientations and learning strategies of engineering students using MSLQ. / Pyrhönen, Veli-Pekka.
Proceedings of the 46th SEFI Annual conference: Creativity, Innovation and Entrepreneurship for Engineering Education Excellence. European Society for Engineering Education SEFI, 2018. p. 411-418.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Practice makes perfect! Developing internship process in Finnish universities. / Virkki-Hatakka, Terhi; Pajarre, Eila; Heikkilä, Merja; Hietaniemi, Riku; Pajari, Sauli; Tompuri, Helena.
Proceedings of the SEFI annual conference 17-22 September 2018. European Society for Engineering Education SEFI, 2018. p. 1402-1408.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

From systematic design process towards teaching product designer's toolkit. / Lehtonen, Timo; Juuti, Tero; Rättyä, Kaisu; Pakkanen, Jarkko; Vanhatalo, Mikko.
Proceedings of 20th International Conference on Engineering & Product Design Education: 6 & 7 September 2018, Dyson School of Design Engineering, Imperial College London, UK. ed. / Erik Bohemia; Ahmed Kovacevic; Lyndon Buck; Peter Childs; Stephen Green; Ashley Hall; Aran Dasan. Vol. 93 The Design Society, 2018. p. 92-97.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Osaamisperustaisuuden arviointia tentillä. / Pyrhönen, Veli-Pekka.
2018. 93 Paper presented at Peda-forum-päivät 2018, Turku, Finland.
Research output: Other conference contribution › Paper, poster or abstract › Professional

Effects of progressive inquiry on cognitive and affective learning outcomes in adolescents' geography education. / Kuisma, Merja; Nokelainen, Petri.
In: Frontline Learning Research, Vol. 6, No. 2, 30.07.2018.
Research output: Contribution to journal › Article › Scientific › peer-review

The StarT Project Competition from the Perspective of Mathematics and Academic Literacy. / Viro, Elina; Joutsenlahti, Jorma.
In: EDUCATION SCIENCES, Vol. 8, No. 2, 04.05.2018.
Research output: Contribution to journal › Article › Scientific › peer-review

Urbanisoituvaa yliopistokampus informaalin oppimisen mahdollistajana. / Rajaniemi, Juho; Häkli, Jouni; Rauhala, Katariina; Sumkin, Heidi.
In: Aikuiskasvatus, Vol. 2018, No. 1, 27.03.2018, p. 18-29.
Research output: Contribution to journal › Article › Scientific › peer-review

The significance of self-regulation in digitalized online courses. / Pyrhönen, Veli-Pekka.
2018. Paper presented at Teaching for Learning - The University Perspective, Tartu, Estonia.
Research output: Other conference contribution › Paper, poster or abstract › Scientific

Gender and technology education. / Niiranen, Sonja.
Handbook of Technology Education. Springer, 2018. p. 875-888.
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Matematiikan oppimisen tukeminen teknillisessä yliopistokoulutuksessa. / Pohjolainen, Seppo; Rasila, Antti; Kuosa, Kirsi.
Matematiikan opetus ja oppiminen. ed. / Jorma Joutsenlahti; Harry Silfverberg; Pekka Räsänen. Porvoo : Niilo Mäki Instituutti, 2018. p. 450-474.
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Projektityöskentely matematiikan opiskelussa yläkoululaisten ja heidän opettajiensa kokemana. / Viro, Elina; Joutsenlahti, Jorma; Eriksson, Sirkka-Liisa.
2017: Proceedings of the annual FMSERA symposium 2016. 2017. (Proceedings of the FMSERA annual symposium).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Relationships among Civil Engineering Students' Approaches to Learning, Perceptions of the Teaching-Learning Environment, and Study Success. / Salmisto, Alpo; Postareff, Liisa; Nokelainen, Petri.

In: Journal of Professional Issues in Engineering Education and Practice, Vol. 143, No. 4, 04017010, 01.10.2017.
Research output: Contribution to journal › Article › Scientific › peer-review

Vygotsky's Zone of Proximal Development in Connection with Technology-Enhanced Learning Environments. / Pyrhönen, Veli-Pekka.

Proceedings of the 45th SEFI Annual Conference. ed. / Jose Quadrado; Jorge Bernardino; Joao Rocha. European Society for Engineering Education SEFI, 2017. p. 1206-1213.

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

Pedagogical Content Knowledge in Product Development Education. / Juuti, Tero; Rättyä, Kaisu; Lehtonen, Timo; Kopra, Miia-Johanna.

Proceedings of the 19th International Conference on Engineering and Production Design Education, 2017, Oslo, Norway, 7th - 8th September 2017 . The Design Society, 2017. p. 483-488.

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

WorldSkills achievers' and their co-workers' and employers' perceptions of vocational expertise and school-to-work pathways. / Pylväs, Laura; Nokelainen, Petri.

In: International Journal for Research in Vocational Education and Training, Vol. 4, No. 2, 31.08.2017, p. 95-116.

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

Informaatiolukutaidon uudet kehikset tiedonhankintataitojen opetuksessa TTY:llä. / Sipilä, Miikka; Miettinen, Mervi; Tevaniemi, Johanna.

2017. Paper presented at Peda-forum, .

Research output: Other conference contribution › Paper, poster or abstract › Professional

Survey of health informatics education in Finland in 2017. / Tolonen, Johanna; Värrä, Alpo.

In: Finnish Journal of eHealth and eWelfare, Vol. 9, No. 2-3, 22.05.2017, p. 217-231.

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

A teacher? A mentor? A friend? - Teacher mentoring experience at Tampere University of Technology. / Niemi, T.; Kalliomäki, H.; Pajarre, E.

Proceedings of the 45th SEFI Annual Conference 2017 - Education Excellence for Sustainability, SEFI 2017. European Society for Engineering Education SEFI, 2017. p. 1352-1361.

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

Guiding the workplace learning in vocational education and training: A literature review. / Mikkonen, Susanna; Pylväs, Laura; Rintala, Heta; Nokelainen, Petri; Postareff, Liisa.

In: Empirical Research in Vocational Education and Training, Vol. 9, No. 9, 2017.

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

Katsaus oppisopimuskoulutukseen instituutiona Saksassa, Englannissa ja Suomessa. / Rintala, Heta; Nokelainen, Petri; Pylväs, Laura.

In: Kasvatus, Vol. 48, No. 2, 2017, p. 128-140.

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

Otos iloa – Lasten kokemuksia iloa tuottavasta oppimisympäristöstä. / Huhtamäki, Elina; Holma, Henna; Nokelainen, Petri; Kumpulainen, Kristiina.

In: Kasvatus, Vol. 48, No. 4, 2017, p. 336-352.

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

Structural development of substance in engineering education : Method of cornerstones. / Korpela, Aki; Tarhasaari, Timo; Kettunen, Lauri; Mikkonen, Risto; Kinnari-Korpela, Hanna.

Interactive Collaborative Learning - Proceedings of the 19th ICL Conference - Volume 1. Springer Verlag, 2017. p. 566-576 (Advances in Intelligent Systems and Computing; Vol. 544).

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

Teacher perceptions of teaching CLIL courses. / Niemelä, Nina; Jauni, Heidi.

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. ed. / Jennifer Valcke; Robert Wilkinson. Frankfurt : Peter Lang, 2017. p. 77-96.

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

Assessing business learning by analysing ERP simulation log files. / Nisula, Karoliina; Pekkola, Samuli.

AIS SIGED 2016 Conference on IS education and Research. : Dublin, Ireland, December 10-11, 2016. Dublin, 2016.

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

How to develop a new innovation education tool: case of impact canvas. / Aarikka-Stenroos, Leena; Boedeker, Stina; Köppä, Leena ; Langwaldt, Jörg .

In the Proceedings of ISPIM Innovation Summit. The International Society for Professional Innovation Management (ISPIM). : 4-7 December 2016, Kuala Lumpur, Malaysia.. 2016.

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

Affective experiences and student engagement in higher education. / Helander, N.; Boedeker, M.; Hellsten, P.; Jussila, J.; Myllärniemi, J.; Tukiainen, M.

44th Annual Conference Of The European Society For Engineering Education: 12-15 September 2016, Tampere, Finland. Tampere, 2016.

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

Integrating mobile orienteering to team forming activity in a software engineering course. / Väättäjä, Heli; Ahtinen, Aino.

SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation. European Society for Engineering Education SEFI, 2016.

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

Näkemyksiä nykyopettajuudesta yliopistossa. / Myllärniemi, Jussi ; Hellsten, Pasi ; Helander, Nina .

PedaForum -päivät 17.–18.8.2016, Jyväskylä. 2016.

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

Luennot vuorovaikutuskeinona. / Hellsten, Pasi ; Myllärniemi, Jussi ; Helander, Nina .

PedaForum -päivät 17.–18.8.2016, Jyväskylä. 2016.

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

How to facilitate freshmen learning and support their transition to a university study environment. / Kangas, Jari; Rantanen, Elisa; Kettunen, Lauri.

In: European Journal of Engineering Education, 28.07.2016, p. 1-16.

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

I feel great - university students affective experiences on learning and teaching. / Tukiainen, Mika ; Helander, Nina ; Hellsten, Pasi ; Jussila, Jari ; Myllärniemi, Jussi ; Boedeker, Mika.

Proceedings of EDULEARN16 Conference: 8th International Conference on Education and New Learning Technologies, 4-6 July, 2016. ed. / L Gómez Chova; A López Martínez; I Candel Torres. Vol. 8 Barcelona : IATED Academy, 2016. p. 4453-4460 (EDULEARN Proceedings).

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

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

Tampereen teknillinen yliopisto, 2016. 42 p.

Research output: Book/Report › Commissioned report › Professional

Female technology education teachers' experiences of Finnish craft education. / Niiranen, Sonja; Hilmola, Antti .

In: DESIGN AND TECHNOLOGY EDUCATION: AN INTERNATIONAL JOURNAL, Vol. 21, No. 2, 2016, p. 41.

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

How is it sustainable? Identifying key indicators for sustainable educational design. / Sandström, N.; Hytti, V.; Nenonen, S.; Lonka, K.

10th INTED 2016 Conference Proceedings: 7-9 March, 2016, Valencia, Spain. ed. / L. Gómez Chova; A. López Martínez; I. Candel Torres. 2016. p. 4217-4219 (INTED proceedings).

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

Huomio! Obs! Alert! "Työelämä on globaalissa murroksessa ...". / Nokelainen, Petri.

In: Ammattikasvatuksen aikakauskirja, Vol. 18, No. 2, 2016, p. 4-8.

Research output: Contribution to journal › Editorial › Scientific

Increasing girls' interest in technology education as a way to advance women in technology. / Niiranen, Sonja.

University of Jyväskylä, 2016. (Jyväskylä studies in education, psychology and social research 71).

Research output: Book/Report › Doctoral thesis › Collection of Articles

Pääkirjoitus. / Nokelainen, Petri.

In: Ammattikasvatuksen aikakauskirja, Vol. 18, No. 1, 2016, p. 4-6.

Research output: Contribution to journal › Editorial › Scientific

Self-regulation and competence in work-based learning. / Nokelainen, Petri; Kaisvuori, Heidi; Pylväs, Laura.

Competence-based Vocational and Professional Education. Bridging the Worlds of Work and Education : Bridging the Worlds of Work and Education. ed. / Martin Mulder. Springer US, 2016. p. 775-793 (Technical and Vocational Education and Training: Issues, Concerns and Prospects; Vol. 23).

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

STACK assignments in university mathematics education. / Mäkelä, Ari-Mikko; Ali-Löytty, Simo; Humaloja, Jukka-Pekka; Joutsenlahti, Jorma; Kauhanen, Janne; Kaarakka, Terhi.

Proceedings of the 44th SEFI Conference, 12 - 15 September 2016, Tampere, Finland. European Society for Engineering Education SEFI, 2016.

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

Utilizing electronic exams in programming courses: a case study. / Saari, Mika; Mäkinen, Timo.

EDULEARN16 Proceedings : 8th International Conference on Education and New Learning Technologies Barcelona, Spain. 4-6 July, 2016. IATED, 2016. p. 7155-7160 (EDULEARN proceedings).

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

Virtual Reality Situational Language Trainer for Second Language: Design & Evaluation. / Korkalainen, Timo; Pääskylä, Juho; Liukkonen, Tapani N.; Järvenpää, Lauri; Mäkilä, Tuomas; Lappalainen, Yrjö; Kamppari, Heli.

GAMEON' 2015. 16th International Conference on Intelligent Games and Simulation. ed. / Sander Bakkes; Frank Nack. 2015.

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

MYSTERY SHOPPERS RECOGNISING KNOWLEDGE SHARING BARRIERS IN HIGHER EDUCATION. / Tukiainen, Mika ; Helander, Nina ; Mäkinen, Marita.

ICERI2015 Proceedings: 8th annual International Conference of Education, Research and Innovation Seville (Spain). 16th - 18th of November, 2015. . 2015.

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

University Students' Perceptions of Academic Writing: An Academic Literacies Perspective. / Tukiainen, Mika ; Mäkinen, Marita; Helander, Nina .

ICERI2015 Proceedings: 8th annual International Conference of Education, Research and Innovation Seville (Spain). 16th - 18th of November, 2015.. 2015. p. 7589-7595.

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

Tila haltuun! Suositukset virtuaalisen suomen opiskelun toteuttamiseen. / Lappalainen, Yrjö; Poikolainen, Mari; Trapp, Heli; Eloranta, Johanna; Itähaarla, Anni; Järvenpää, Lauri; Kamppari, Heli; Korkalainen, Timo; Lakkala, Minna; Lehtonen, Tuija; Liukkonen, Tapani N.; Mäkilä, Tuomas; Okkonen, Jussi; Rakkolainen, Ismo; Rasila, Minna; Tapaninen, Terhi;

Vauhkonen, Tanja.

Turun yliopiston Brahea-keskus, 2015. 135 p. (Turun yliopiston Brahea-keskuksen julkaisuja; No. 6).

Research output: Book/Report › Commissioned report › Professional

A Barrier framework for open e-learning in public administrations. / Stoffregen, Julia; Pawlowski, Jan M.; Pirkkalainen, Henri.

In: Computers in Human Behavior, Vol. 51, No. B, 2015, p. 674-684.

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

Examples of the Teaching of the Health Questions of Electric and Magnetic Fields at Tampere University of Technology in Finland. / Korpinen, Leena; Pääkkönen, Rauno.

In: Journal of Physical Science and Application, Vol. 5, No. 4, 2015, p. 277-282.

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

Finnish Innovations and Technologies in Schools: a Guide towards New Ecosystems of Learning. / Niemi, Hannele (Editor); Multisilta, Jari (Editor); Lipponen, Lasse (Editor); Vivitsou, Marianna (Editor).

Rotterdam : Sense Publishers, 2014. 175 p.

Research output: Book/Report › Anthology › Scientific › peer-review

Prologue: Towards a Global Ecosystem. / Niemi, Hannele; Multisilta, Jari; Lipponen, Lasse; Vivitsou, Marianna.

Finnish Innovations and Technologies in Schools: a Guide towards New Ecosystems of Learning. ed. / Hannele Niemi; Jari Multisilta; Lasse Lipponen; Marianna Vivitsou. Rotterdam : Sense Publishers, 2014. p. ix-xii.

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

Matka AVomerelle: Avoimuutta ja verkostomaista toimintakulttuuria tutkimassa. / Lappalainen, Yrjö.

University of Tampere, 2014. 104 p.

Research output: Book/Report › Commissioned report › Professional

Angry Birds for Fun in Learning. / Harju, Vilhelmiina; Multisilta, Jari.

Finnish Innovations and Technologies in Schools: a Guide towards New Ecosystems of Learning. ed. / Hannele Niemi; Jari Multisilta; Lasse Lipponen; Marianne Vivitsou. Sense Publishers, 2014. p. 69-76.

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

Avoimuus oppimisverkostossa. / Lappalainen, Yrjö; Sihvonen, Mika.

Tuovi 12: Interaktiivinen tekniikka koulutuksessa 2014-konferenssin tutkijatapaamisen artikkelit. ed. / Jarmo Viteli; Anneli Östman. University of Tampere, 2014. p. 37-43 (TRIM Research Reports; No. 12).

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

Children as co-creators of video stories: mobile videos for learning. / Multisilta, Jari; Niemi, Hannele.

2014 37th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO). 2014. p. 588-592.

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

Content and Language Integration as a part of a degree reform at Tampere University of Technology. / Niemelä, Nina; Jauni, Heidi.

HEPCLIL, Higher Education Perspectives on CLIL, University of Vic - Central University of Catalonia, VIC, 27 and 28 March 2014. 2014. p. 39-53.

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

Digitaalisen tarinankerronnan monet mahdollisuudet. / Viitanen, Kirsi; Harju, Vilhelmiina; Niemi, Hannele; Multisilta, Jari.

Rajaton luokkahuone. ed. / Hannele Niemi; Jari Multisilta. Jyväskylä : PS-kustannus, 2014. p. 187-211 (Opetus 2000).

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

Digital Storytelling for 21st -Century Skills in Virtual Learning Environments. / Niemi, Hannele; Harju, Vilhelmiina; Vivitsou, Marianna; Viitanen, Kirsi; Multisilta, Jari.

In: Creative Education, Vol. 5, 2014, p. 657-671.

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

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. / Passey, Don (Editor); Multisilta, Jari (Editor).

Springer, 2014. (Education and Information Technologies; Vol. 19, No. 3).

Research output: Book/Report › Anthology › Scientific › peer-review

Epilogue: What are Innovations in the Finnish Educational Ecosystem. / Niemi, Hannele; Multisilta, Jari; Lipponen, Lasse; Vivitsou, Marianna.

Finnish Innovations and Technologies in Schools: A Guide towards New Ecosystems of Learning. ed. / Hannele Niemi; Jari Multisilta; Lasse Lipponen; Marianna Vivitsou. Rotterdam : Sense Publishers, 2014. p. 165-169.

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

Global is Becoming Everywhere: Global Sharing Pedagogy. / Niemi, Hannele; Multisilta, Jari.

Finnish Innovations and Technologies in Schools: a Guide towards New Ecosystems of Learning. ed. / Hannele Niemi; Jari Multisilta; Lasse Lipponen; Marianna Vivitsou. Rotterdam : Sense Publishers, 2014. p. 35-47.

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

Kansainvälinen jakamisen pedagogiikka. / Niemi, Hannele; Multisilta, Jari.

Rajaton luokkahuone. ed. / Hannele Niemi; Jari Multisilta. Jyväskylä : PS-kustannus, 2014. p. 50-64 (Opetus 2000).

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

Koulu rajattomuuden keskellä. / Niemi, Hannele; Multisilta, Jari.

Rajaton luokkahuone. ed. / Hannele Niemi; Jari Multisilta. Jyväskylä : PS-kustannus, 2014. p. 12-35 (Opetus 2000).

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

Language Learning in Task Management and Task Accomplishment In Higher Education Perspectives on Content and Language Integrated Learning. / Jauni, Heidi; Niemelä, Nina.

HEPCLIL, Higher Education Perspectives on CLIL, University of Vic - Central University of Catalonia, VIC, 27 and 28 March 2014. 2014. p. 183-203.

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

Leikilliset oppimateriaalit innostavat oppimaan. / Harju, Vilhelmiina; Multisilta, Jari.

Rajaton luokkahuone. ed. / Hannele Niemi; Jari Multisilta. Jyväskylä : PS-kustannus, 2014. p. 270-284 (Opetus 2000).

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

Leikkien mutta tosissaan: Leikillä iloa oppimisympäristöön. / Harju, Vilhelmiina; Multisilta, Jari.

Oppiminen pelissä. ed. / Leena Krokfors; Marjaana Kangas; Kaisa Kopisto. Tampere : Vastapaino, 2014. p. 153-167.

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

Media ja yhteisölliset sovellukset. / Multisilta, Jari.

Ikäteknologia. ed. / Jaana Leikas. 2014. (Vanhustyön keskusliiton tutkimuksia; No. 2).

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

Miten suomalainen koulu valmistaa tulevaisuuteen? / Multisilta, Jari; Niemi, Hannele; Lavonen, Jari.

Rajaton luokkahuone. ed. / Hannele Niemi; Jari Multisilta. Jyväskylä : PS-kustannus, 2014. p. 286-298 (Opetus 2000).

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

Pelataan suomalainen koulu kukoistukseen. / Multisilta, Jari.

In: Tiedosta, Vol. 2014, No. 1, 2014, p. 18.

Research output: Contribution to journal › Article › Professional

Videot nuorten maailmassa ja digitaalinen tarinankerronta. / Multisilta, Jari; Niemi, Hannele.

Rajaton luokkahuone. ed. / Hannele Niemi; Jari Multisilta. Jyväskylä : PS-kustannus, 2014. p. 174-186 (Opetus 2000).

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

Oppilaiden tuottamien videoiden käyttö opetuksessa. / Multisilta, Jari; Niemi, Hannele.
Uusi oppiminen. Eduskunta, 2013. p. 66-77 (Eduskunnan tulevaisuusvaliokunnan julkaisu; No. 8/2013).
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

Designing Learning Ecosystems for Mobile Social Media. / Multisilta, Jari.
Informed Design of Educational Technologies in Higher Education. ed. / Anders D. Olofsson; J. Ola Lindberg. IGI Global, 2012. p. 270-291.
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Sosiaalinen media ja verkkovideot vihteessä ja oppimisessa. / Multisilta, Jari.
Tykkää tästä! Opettajan ammattietiikka sosiaalisen median ajassa. ed. / Hannele Niemi; Riitta Sarras. Jyväskylä : PS-kustannus, 2012. p. 73-82.
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

On Actor-Network Theory and Learning Ecosystems based on Mobile Social Media. / Multisilta, Jari.
Proceedings of the IADIS International Conference on Mobile Learning. ed. / Inmaculada Arnedillo Sánchez; Pedro Isaías. Lisbon, 2011. p. 193-198.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review