

Abe, S., Narra, N., Nikander, R., Hyttinen, J., Kouhia, R., & Sievänen, H. (2017). Influence of exercise history on fall-induced hip fracture risk. In W. Potthast, A. Niehoff, & S. David (Eds.), *Proceeding of the 35th International Conference on Biomechanics in Sports: German Sport University Cologne, Cologne, Germany, June 14-18, 2017* (Vol. 1, pp. 464-467)

Abe, S., Narra, N., Nikander, R., Hyttinen, J., Kouhia, R., & Sievänen, H. (2017). *Association of exercise loading history with fall-induced hip fracture risk.* Paper presented at Congress of the European Society of Biomechanics, .

Abe, S., Narra, Girish, N., Nikander, R., Hyttinen, J., Kouhia, R., & Sievänen, H. (2018). Impact loading history modulates hip fracture load and location: A finite element simulation study of the proximal femur in female athletes. *Journal of Biomechanics*, *76*, 136-143. <https://doi.org/10.1016/j.jbiomech.2018.05.037>

Airaksinen, N., Nurmi-Lüthje, I., & Lüthje, P. (2016). Comparison of injury severity between moped and motorcycle crashes: A Finnish two-year prospective hospital-based study. *Scandinavian Journal of Surgery*, *105*(1), 49-55. <https://doi.org/10.1177/1457496915571401>

Alaräisänen, A., Heikkinen, J., Kianickova, Z., Miettunen, J., Räsänen, P., & Isohanni, M. (2007). Pathways leading to suicide in schizophrenia. *Current Psychiatry Reviews*, *3*(4), 233-242. <https://doi.org/10.2174/157340007782408879>

Al-Musawi, M., Ledesma, A., Nieminen, H., & Korhonen, I. (2016). Implementation and User Testing of a System for Visualizing Continuous Health Data and Events. In *2016 IEEE-EMBS International Conference on Biomedical and Health Informatics (BHI)* (pp. 156-159). IEEE. <https://doi.org/10.1109/BHI.2016.7455858>

Blake, R., Shaw, T., Blake, A., Hübner, U., Kaye, R., Schug, S., ... Värri, A. (2017). EU*US eHealth Works to Improve Global Workforce Development. In *HIMSS White Papers* (pp. 1-12). Healthcare Information and Management Systems Society.

Chen, L., Ray, S., Keller, B., Pertuz, S., McDonald, E., Conant, E., & Kontos, D. (2016). The impact of acquisition dose on quantitative breast density estimation with digital mammography: results from ACRIN PA 4006. *Radiology*, *280*(3). <https://doi.org/10.1148/radiol.2016151749>

Goncalves, N., Startceva, S., Palma, C., Bahrudeen, M., Oliveira, S., & Ribeiro, A. S. (2018). Temperature-dependence of the single-cell variability in the kinetics of transcription activation in *Escherichia coli*. *Physical Biology*, *15*(2). <https://doi.org/10.1088/1478-3975/aa9ddf>

Halonen, H., Ihalainen, T., & Hyttinen, J. (2017). *Abstract: High-resolution live cell imaging during mechanical vibration loading.* 24-24. Paper presented at BMT and MED Research Day 2017, Tampere, Finland.

Halonen, H., Ihalainen, T., & Hyttinen, J. (2017). *Abstract: Vibration stimulator for imaging mechanotransduction based cell responses.* 49-49. Paper presented at EMBEC'17 & NBC'17 | Joint Conference 11-15 June 2017, Tampere, Tampere, .

Halonen, H., Ihalainen, T., & Hyttinen, J. (2017). *Abstract: Vibration stimulator for microscoping of fast cell responses.* Paper presented at The 23rd Congress of the European Society of Biomechanics, Seville, Spain.

Heikkinen, J., Isohanni, M., & Miettunen, J. (2007). Lääketieteen kirjallisuustietokannat ja tiedonhaku. *Suomen Lääkärilehti*, *62*(22), 2156-2170.

Jansson, M., Vuorinen, A. L., Harjumaa, M., Similä, H., Koivisto, J., Puhto, A-P., ... Pikkarainen, M. (2020). The digital patient journey solution for patients undergoing elective hip and knee arthroplasty: Protocol for a pragmatic randomized controlled trial. *Journal of Advanced Nursing*, *76*(6), 1436-1448. <https://doi.org/10.1111/jan.14343>

Jansson, M., Koivisto, J., & Pikkarainen, M. (2020). Identified opportunities for gamification in the elective primary fast-track total hip and knee arthroplasty journey: Secondary analysis of healthcare professionals' interviews. *JOURNAL OF CLINICAL NURSING*, *29*, 2338-2351. <https://doi.org/10.1111/jocn.15246>

- Kangas, P., Tikkakoski, A., Uitto, M., Viik, J., Bouquin, H., Niemelä, O., ... Pörsti, I. (2019). Metabolic syndrome is associated with decreased heart rate variability in a sex-dependent manner: a comparison between 252 men and 249 women. *Clinical Physiology and Functional Imaging*, 39(2), 160-167. <https://doi.org/10.1111/cpf.12551>
- Khan, W., Rizwan, M., Behfar, M., Sydänheimo, L., Björninen, T., & Ukkonen, L. (2017). Effect of Implant Coating on Wireless Powering for Intracranial Pressure Monitoring System. In *Proceedings of 2017 IEEE AP-S/URSI* (Digest of the IEEE Antennas and Propagation Society International Symposium). IEEE. <https://doi.org/10.1109/APUSNCURSINRSM.2017.8072237>
- Kim, J., Kuusela, J., Aalto-Setälä, K., & Räsänen, E. (2017). Short- and Long-Range Correlations in Beat Rate Variability of Human Pluripotent-Stem-Cell-Derived Cardiomyocytes. In *Computing in Cardiology 2017* (Vol. 44). (Computing in Cardiology). <https://doi.org/10.22489/CinC.2017.207-155>
- Koskinen, J., Löhönen, J., Koponen, H., Isohanni, M., & Miettunen, J. (2009). Prevalence of alcohol use disorders in schizophrenia - A systematic review and meta-analysis. *ACTA PSYCHIATRICA SCANDINAVICA*, 120(2), 85-96. <https://doi.org/10.1111/j.1600-0447.2009.01385.x>
- Koskinen, J., Löhönen, J., Koponen, H., Isohanni, M., & Miettunen, J. (2010). Rate of cannabis use disorders in clinical samples of patients with schizophrenia: A meta-analysis. *SCHIZOPHRENIA BULLETIN*, 36(6), 1115-1130. <https://doi.org/10.1093/schbul/sbp031>
- Laurila, M.-M., Peltokangas, M., Lozano Montero, K., Siponkoski, T., Juuti, J., Tuukkanen, S., ... Mäntysalo, M. (2019). Evaluation of printed P(VDF-TrFE) pressure sensor signal quality in arterial pulse wave measurement. *IEEE Sensors Journal*. <https://doi.org/10.1109/JSEN.2019.2934943>
- Ledesma, A., Al-Musawi, M., & Nieminen, H. (2016). Health figures: an open source JavaScript library for health data visualization. *BMC Medical Informatics and Decision Making*, 16(1), [38]. <https://doi.org/10.1186/s12911-016-0275-6>
- Levijoki, J., Kivikko, M., Pollesello, P., Sallinen, J., Hyttilä-Hopponen, M., Kuoppamäki, M., ... Haapalinna, A. (2015). Levosimendan alone and in combination with valsartan prevents stroke in Dahl salt-sensitive rats. *European Journal of Pharmacology*, 750, 132-40. <https://doi.org/10.1016/j.ejphar.2015.01.037>
- Litovuo, L., Aarikka-Stenroos, L., Kaipio, J., & Karisalmi, N. (2017). Examining service experiences: comparing methods to capture children's experiences. In E. Gummesson, C. Mele, & F. Polese (Eds.), *The 5th Naples Forum on Service 2017 proceedings: Sorrento, Naples, Italy 6-9 June 2017* SIMAS di Salerno for Naples Forum on Service.
- Litovuo, L., Makkonen, H., Aarikka-Stenroos, L., Luhtala, L., & Mäkinen, S. (2017). Ecosystem approach on medical game development: The relevant actors, value propositions and innovation barriers. In *Association for Computing Machinery, ACM: AcademicMindtrek'17, Sept. 20th-21st, 2017 Tampere Hall, Tampere, Finland* Tampere, Finland: ACM Press. <https://doi.org/10.1145/3131085.3131104>
- Löhönen, J., Isohanni, M., Nieminen, P., & Miettunen, J. (2010). Coverage of the bibliographic databases in mental health research. *NORDIC JOURNAL OF PSYCHIATRY*, 64(3), 181-188. <https://doi.org/10.3109/08039480903337378>
- Löhönen, J., Isohanni, M., Nieminen, P., & Miettunen, J. (2009). A guide for medical information searches of bibliographic databases - psychiatric research as an example. *INTERNATIONAL JOURNAL OF CIRCUMPOLAR HEALTH*, 68(4), 394-404. <https://doi.org/10.3402/ijch.v68i4.17366>
- Lyyra, I., Hannula, M., Paakinaho, K., & Kellomäki, M. (2016). *Porous polymer tubes for urethral tissue engineering*. Paper presented at BioMediTech Research Day 2016, Tampere, Finland.
- Nommeots-Nomm, A., & Massera, J. (2017). Glass and Glass-Ceramic Scaffolds: Manufacturing Methods and the Impact of Crystallization on In-Vitro Dissolution. In *Scaffolds in Tissue Engineering - Materials, Technologies and Clinical Applications* InTech Open Access Publisher. <https://doi.org/10.5772/intechopen.70242>

Oliveira, S. M. D., Bahrudeen, M. N. M., Startceva, S., Kandavalli, V., & Ribeiro, A. S. (2018). Modeling and Engineering Promoters with Pre-defined RNA Production Dynamics in Escherichia Coli. In *Computational Methods in Systems Biology - 16th International Conference, CMSB 2018, Proceedings* (pp. 3-20). (Lecture Notes in Bioinformatics; Vol. 11095 LNBI). Springer Verlag. https://doi.org/10.1007/978-3-319-99429-1_1

Paci, M., Casini, S., Bellin, M., Hyttinen, J., & Severi, S. (2018). Large-Scale Simulation of the Phenotypical Variability Induced by Loss-of-Function Long QT Mutations in Human Induced Pluripotent Stem Cell Cardiomyocytes. *International Journal of Molecular Sciences*, 19(11). <https://doi.org/10.3390/ijms19113583>

Pammo, A., Schouten, M., Virtanen, J., & Tuukkanen, S. (2016). *Biomaterials for Electronics*. 1-1.

Parajuli, A., Hui, N., Puhakka, R., Oikarinen, S., Grönroos, M., Selonen, V. A. O., ... Sinkkonen, A. (2020). Yard vegetation is associated with gut microbiota composition. *Science of the Total Environment*, 713, [136707]. <https://doi.org/10.1016/j.scitotenv.2020.136707>

Payne, H. L., French, R. L., Guo, C. C., Nguyen-Vu, T. D. B., Manninen, T., & Raymond, J. L. (2019). Cerebellar Purkinje cells control eye movements with a rapid rate code that is invariant to spike irregularity. *eLIFE*, 8, [e37102]. <https://doi.org/10.7554/eLife.37102>

Pertuz, S., McDonald, E., Weinstein, S., Conant, E., & Kontos, D. (2016). Fully-automated quantitative estimation of volumetric breast density from digital breast tomosynthesis images. *Radiology*, 279(1), 65-74. <https://doi.org/10.1148/radiol.2015150277>

Pohjola, J., Turunen, J., Lipping, T., & Ikonen, A. (2016). The influence of foodstuff grouping on doses in safety assessments. In *Ninth International Conference on Nuclear and Radiochemistry - Nrc9* [P2-118]

Potapov, I., Haverinen, S., Smolander, J., Viik, J., & Räsänen, E. (2017). Nonlinear Effects of Winter Swimming and Sauna Recreational Activities on the Heart Rate Variability. *Computing in Cardiology*, 44. <https://doi.org/10.22489/CinC.2017.151-256>

Ruusuvuori, P., Valkonen, M., Nykter, M., Visakorpi, T., & Latonen, L. (2016). Feature-based analysis of mouse prostatic intraepithelial neoplasia in histological tissue sections. *Journal of Pathology Informatics*, 7(5). <https://doi.org/10.4103/2153-3539.175378>

Sartoneva, R., Kuismanen, K., Juntunen, M., Karjalainen, S., Hannula, M., Kyllönen, L., ... Miettinen, S. (2018). Porous poly-L-lactide-co-1-caprolactone scaffold: A novel biomaterial for vaginal tissue engineering. *Royal Society Open Science*, 5(8), [180811]. <https://doi.org/10.1098/rsos.180811>

Sorri, J., & Edelman, H. (2017). *Katsaus vähähiilisyiden edistämiseen*. (Tampereen teknillinen yliopisto. Rakennustekniikan laboratorio. Rakennustuotanto ja -talous. Raportti; Vol. 21). Tampereen teknillinen yliopisto.

Stupnikov, A., O'Reilly, P. G., McInerney, C. E., Roddy, A. C., Dunne, P. D., Gilmore, A., ... McArt, D. G. (2018). Impact of Variable RNA-Sequencing Depth on Gene Expression Signatures and Target Compound Robustness: Case Study Examining Brain Tumor (Glioma) Disease Progression. *JCO precision oncology*, 2. <https://doi.org/10.1200/PO.18.00014>

Uddin, K. M. A., Jokinen, V., Jahangiri, F., Franssila, S., Rojas, O. J., & Tuukkanen, S. (2019). Disposable Microfluidic Sensor Based on Nanocellulose for Glucose Detection. *Global Challenges*, 3(2). <https://doi.org/10.1002/gch2.201800079>

Värri, A., & Tolonen, J. (2017). *Foundational eHealth Curricula for the health care workforce*. 1-6. Paper presented at Sosiaali- ja terveydenhuollon ATK-päivät 2017, Helsinki, Finland.

Värri, A., Kallonen, A., Helander, E., Ledesma Figueroa, A., & Pladys, P. (2018). The Digi-NewB project for preterm infant sepsis risk and maturity analysis. *Finnish Journal of eHealth and eWelfare*, 10(2-3), 330-333. <https://doi.org/10.23996/fjhw.69152>

Värri, A., Tiainen, M., Rajalahti, E., Kinnunen, U. M., Saarni, L., & Ahonen, O. (2020). The Definition of Informatics Competencies in Finnish Healthcare and Social Welfare Education. In *Digital Personalized Health and Medicine: Proceedings of MIE 2020* (pp. 1143-1147). (Studies in Health Technology and Informatics; Vol. 270). IOP Press. <https://doi.org/10.3233/SHTI200341>

Viik, J. (2017). *The Duke treadmill score in assessing the prognosis of patients tested with bicycle ergometer*. <https://doi.org/10.1093/eurheartj/ehx502.958>

Virtanen, J., & Tuukkanen, S. (2015). *Cost effective potentiostat design for large dynamic range measurements*. Paper presented at Micronano System Workshop, Espoo, Finland.