

Abe S, Narra N, Nikander R, Hyttinen J, Kouhia R, Sievänen H. 2017. Influence of exercise history on fall-induced hip fracture risk. Potthast W, Niehoff A, David S, Toimittajat. teoksessa *Proceeding of the 35th International Conference on Biomechanics in Sports: German Sport University Cologne, Cologne, Germany, June 14-18, 2017*. Sivut 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. Julkaisun esittämisaika: *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>

Alaräsänen 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. teoksessa *2016 IEEE-EMBS International Conference on Biomedical and Health Informatics (BHI)*. IEEE. Sivut 156-159. <https://doi.org/10.1109/BHI.2016.7455858>

Blake R, Shaw T, Blake A, Hübner U, Kaye R, Schug S, Thye J, Värrä A. 2017. EU*US eHealth Works to Improve Global Workforce Development. teoksessa *HIMSS White Papers*. Healthcare Information and Management Systems Society. Sivut 1-12.

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 AS. 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. Julkaisun esittämisaika: *BMT and MED Research Day 2017, Tampere, Suomi*.

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

Halonen H, Ihalainen T, Hyttinen J. 2017. Abstract: Vibration stimulator for microcopying of fast cell responses. Julkaisun esittämisaika: *The 23rd Congress of the European Society of Biomechanics, Seville, Espanja*.

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

Jansson M, Vuorinen AL, Harjumaa M, Similä H, Koivisto J, Puhto A-P, Vesty G, 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, Mustonen J, 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. teoksessa *Proceedings of 2017 IEEE AP-S/URSI*. IEEE. (Digest of the IEEE Antennas and Propagation Society International Symposium). <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. teoksessa *Computing in Cardiology 2017*. (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, Oksala N, Vehkaoja A, 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). <https://doi.org/10.1186/s12911-016-0275-6>
- Levijoki J, Kivikko M, Pollesello P, Sallinen J, Hyttilä-Hopponen M, Kuoppamäki M, Haasio K, Gröhn O, Miettinen R, Puoliväli J, Tähtivaara L, Yrjänheikki J, 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. Gummesson E, Mele C, Polese F, Toimittajat. teoksessa *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. teoksessa *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. *Julkaisun esittämispaikka: BioMediTech Research Day 2016, Tampere, Suomi*.

Nommeots-Nomm A, Massera J. 2017. Glass and Glass-Ceramic Scaffolds: Manufacturing Methods and the Impact of Crystallization on In-Vitro Dissolution. *teoksessa Scaffolds in Tissue Engineering - Materials, Technologies and Clinical Applications*. InTech Open Access Publisher. <https://doi.org/10.5772/intechopen.70242>

Oliveira SMD, Bahrudeen MNM, Startceva S, Kandavalli V, Ribeiro AS. 2018. Modeling and Engineering Promoters with Pre-defined RNA Production Dynamics in *Escherichia Coli*. *teoksessa Computational Methods in Systems Biology - 16th International Conference, CMSB 2018, Proceedings*. Springer Verlag. Sivut 3-20. (Lecture Notes in Bioinformatics). 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*.

Parajuli A, Hui N, Puhakka R, Oikarinen S, Grönroos M, Selonen VAO, Siter N, Kramna L, Roslund MI, Vari HK, Nurminen N, Honkanen H, Hintikka J, Sarkkinen H, Romantschuk M, Kauppi M, Valve R, Cinek O, Laitinen OH, Rajaniemi J, Hyöty H, Sinkkonen A. 2020. Yard vegetation is associated with gut microbiota composition. *Science of the Total Environment*. 713. <https://doi.org/10.1016/j.scitotenv.2020.136707>

Payne HL, French RL, Guo CC, Nguyen-Vu TDB, Manninen T, Raymond JL. 2019. Cerebellar Purkinje cells control eye movements with a rapid rate code that is invariant to spike irregularity. *eLIFE*. 8. <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. *teoksessa Ninth International Conference on Nuclear and Radiochemistry - Nrc9*.

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, Hyttinen J, Huhtala H, Paakinaho K, Miettinen S. 2018. Porous poly-L-lactide-co-1-caprolactone scaffold: A novel biomaterial for vaginal tissue engineering. *Royal Society Open Science*. 5(8). <https://doi.org/10.1098/rsos.180811>

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

Stupnikov A, O'Reilly PG, McInerney CE, Roddy AC, Dunne PD, Gilmore A, Ellis HP, Flannery T, Healy E, McIntosh SA, Savage K, Kurian KM, Emmert-Streib F, Prise KM, Salto-Tellez M, McArt DG. 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 KMA, Jokinen V, Jahangiri F, Franssila S, Rojas OJ, Tuukkanen S. 2019. Disposable Microfluidic Sensor Based on Nanocellulose for Glucose Detection. *Global Challenges*. 3(2). <https://doi.org/10.1002/gch2.201800079>

Värrä A, Tolonen J. 2017. Foundational eHealth Curricula for the health care workforce. Julkaisun esittämisaikka: Sosiaali- ja terveydenhuollon ATK-päivät 2017, Helsinki, Suomi.

Värrä 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>

Värrä A, Tiainen M, Rajalahti E, Kinnunen UM, Saarni L, Ahonen O. 2020. The Definition of Informatics Competencies in Finnish Healthcare and Social Welfare Education. teoksessa Digital Personalized Health and Medicine: Proceedings of MIE 2020. IOP Press. Sivut 1143-1147. (Studies in Health Technology and Informatics). <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. Julkaisun esittämisaikka: Micronano System Workshop, Espoo, Suomi.