

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*, vol. 68, no. 4, pp. 394-404. <https://doi.org/0.3402/ijch.v68i4.17366>

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*, vol. 8, e37102. <https://doi.org/10.7554/eLife.37102>

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*, vol. 105, no. 1, pp. 49-55. <https://doi.org/10.1177/1457496915571401>

Löhönen, J, Isohanni, M, Nieminen, P & Miettunen, J 2010, 'Coverage of the bibliographic databases in mental health research', *NORDIC JOURNAL OF PSYCHIATRY*, vol. 64, no. 3, pp. 181-188. <https://doi.org/10.3109/08039480903337378>

Uddin, KMA, Jokinen, V, Jahangiri, F, Franssila, S, Rojas, OJ & Tuukkanen, S 2019, 'Disposable Microfluidic Sensor Based on Nanocellulose for Glucose Detection', *Global Challenges*, vol. 3, no. 2. <https://doi.org/10.1002/gch2.201800079>

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>

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*, vol. 7, no. 5. <https://doi.org/10.4103/2153-3539.175378>

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*, vol. 279, no. 1, pp. 65-74. <https://doi.org/10.1148/radiol.2015150277>

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*, vol. 16, no. 1, 38. <https://doi.org/10.1186/s12911-016-0275-6>

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*, vol. 29, pp. 2338-2351. <https://doi.org/10.1111/jocn.15246>

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*, vol. 76, pp. 136-143. <https://doi.org/10.1016/j.jbiomech.2018.05.037>

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*, vol. 2. <https://doi.org/10.1200/PO.18.00014>

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*, vol. 19, no. 11. <https://doi.org/10.3390/ijms19113583>

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*, vol. 750, pp. 132-40.

<https://doi.org/10.1016/j.ejphar.2015.01.037>

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*, vol. 39, no. 2, pp. 160-167. <https://doi.org/10.1111/cpf.12551>

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*, vol. 44. <https://doi.org/10.22489/CinC.2017.151-256>

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*, vol. 5, no. 8, 180811. <https://doi.org/10.1098/rsos.180811>

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*, vol. 15, no. 2. <https://doi.org/10.1088/1478-3975/aa9ddf>

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*, vol. 10, no. 2-3, pp. 330-333. <https://doi.org/10.23996/fjhw.69152>

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*, vol. 76, no. 6, pp. 1436-1448. <https://doi.org/10.1111/jan.14343>

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*, vol. 280, no. 3. <https://doi.org/10.1148/radiol.2016151749>

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*, vol. 713, 136707. <https://doi.org/10.1016/j.scitotenv.2020.136707>

Heikkinen, J, Isohanni, M & Miettunen, J 2007, 'Lääketieteen kirjallisuustietokannat ja tiedonhaku', *Suomen Lääkärilehti*, vol. 62, no. 22, pp. 2156-2170.

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*, vol. 36, no. 6, pp. 1115-1130. <https://doi.org/10.1093/schbul/sbp031>

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>

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

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*. ACM Press, Tampere, Finland, International Academic Mindtrek Conference, 28/09/17. <https://doi.org/10.1145/3131085.3131104>

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, IEEE International Symposium on Antennas and Propagation, 1/01/00. <https://doi.org/10.1109/APUSNCURSINRSM.2017.8072237>

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, NAPLES FORUM ON SERVICE, 1/01/00.

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)* . IEEE, pp. 156-159, IEEE international conference on biomedical and health informatics, 1/01/00. <https://doi.org/10.1109/BHI.2016.7455858>

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, CONFERENCE OF THE INTERNATIONAL SOCIETY OF BIOMECHANICS IN SPORTS, 1/01/00.

Oliveira, SMD, Bahrudeen, MNM, Startceva, S, Kandavalli, V & Ribeiro, AS 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*. Lecture Notes in Bioinformatics, vol. 11095 LNBI, Springer Verlag, pp. 3-20, International Conference on Computational Methods in Systems Biology, Brno, Czech Republic, 12/09/18. [https://doi.org/10.1007/978-3-319-99429-1\\_1](https://doi.org/10.1007/978-3-319-99429-1_1)

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, Computing in cardiology conference, 1/01/00. <https://doi.org/10.22489/CinC.2017.207-155>

Värrö, A, Tiainen, M, Rajalahti, E, Kinnunen, UM, 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*. Studies in Health Technology and Informatics, vol. 270, IOP Press, pp. 1143-1147, Medical Informatics Europe, 1/04/20. <https://doi.org/10.3233/SHTI200341>

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, International Conference on Nuclear and Radiochemistry, 9/01/17.

Halonen, H, Ihalainen, T & Hyttinen, J 2017, 'Abstract: High-resolution live cell imaging during mechanical vibration loading' Paper presented at BMT and MED Research Day 2017, Tampere, Finland, 26/10/17 - 26/10/17, pp. 24-24.

Halonen, H, Ihalainen, T & Hyttinen, J 2017, 'Abstract: Vibration stimulator for imaging mechanotransduction based cell responses' Paper presented at EMBEC'17 & NBC'17 | Joint Conference 11-15 June 2017, Tampere, Tampere, 11/06/17 - 15/06/17, pp. 49-49.

Halonen, H, Ihalainen, T & Hyttinen, J 2017, 'Abstract: Vibration stimulator for microcopying of fast cell responses' Paper presented at The 23rd Congress of the European Society of Biomechanics, Seville, Spain, 2/07/17 - 5/07/17, .

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, 20/11/17, .

Pammo, A, Schouten, M, Virtanen, J & Tuukkanen, S 2016, 'Biomaterials for Electronics' pp. 1-1.

Virtanen, J & Tuukkanen, S 2015, 'Cost effective potentiostat design for large dynamic range measurements' Paper presented at Micronano System Workshop, Espoo, Finland, 13/05/18 - 15/05/18, .

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, 25/11/16, .

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>

Värri, A & Tolonen, J 2017, 'Foundational eHealth Curricula for the health care workforce' Paper presented at Sosiaali- ja terveydenhuollon ATK-päivät 2017, Helsinki, Finland, 22/05/17 - 25/05/17, pp. 1-6.

Sorri, J & Edelman, H 2017 'Katsaus vähähiilisyden edistämiseen' Tampereen teknillinen yliopisto. Rakennustekniikan laboratorio. Rakennustuotanto ja -talous. Raportti, vol. 21, Tampereen teknillinen yliopisto.

Alaräsänen, A, Heikkinen, J, Kianickova, Z, Miettunen, J, Räsänen, P & Isohanni, M 2007, 'Pathways leading to suicide in schizophrenia', *Current Psychiatry Reviews*, vol. 3, no. 4, pp. 233-242. <https://doi.org/10.2174/157340007782408879>

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*, vol. 120, no. 2, pp. 85-96. <https://doi.org/10.1111/j.1600-0447.2009.01385.x>