

**Metabolic syndrome is associated with decreased heart rate variability in a sex-dependent manner: a comparison between 252 men and 249 women**

Kangas, P., Tikkakoski, A., Uitto, M., Viik, J., Bouquin, H., Niemelä, O., Mustonen, J. & Pörsti, I., Mar 2019, In : *Clinical Physiology and Functional Imaging*. 39, 2, p. 160-167 8 p.

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

**Disposable Microfluidic Sensor Based on Nanocellulose for Glucose Detection**

Uddin, K. M. A., Jokinen, V., Jahangiri, F., Franssila, S., Rojas, O. J. & Tuukkanen, S., Feb 2019, In : *Global Challenges*. 3, 2, 6 p.

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

**Impact of Variable RNA-Sequencing Depth on Gene Expression Signatures and Target Compound Robustness: Case Study Examining Brain Tumor (Glioma) Disease Progression**

Stupnikov, A., O'Reilly, P. G., McInerney, C. E., Roddy, A. C., Dunne, P. D., Gilmore, A., Ellis, H. P., Flannery, T., Healy, E., McIntosh, S. A., Savage, K., Kurian, K. M., Emmert-Streib, F., Prise, K. M., Salto-Tellez, M. & McArt, D. G., 13 Sep 2018, In : *JCO precision oncology*. 2

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

**Porous poly-L-lactide-co-1-caprolactone scaffold: A novel biomaterial for vaginal tissue engineering**

Sartoneva, R., Kuismanen, K., Juntunen, M., Karjalainen, S., Hannula, M., Kyllönen, L., Hyttinen, J., Huhtala, H., Paakinaho, K. & Miettinen, S., 1 Aug 2018, In : *Royal Society Open Science*. 5, 8, 180811.

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

**Temperature-dependence of the single-cell variability in the kinetics of transcription activation in Escherichia coli**

Goncalves, N., Startceva, S., Palma, C., Bahrudeen, M., Oliveira, S. & Ribeiro, A. S., Jan 2018, In : *Physical Biology*. 15, 2

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

**Large-Scale Simulation of the Phenotypical Variability Induced by Loss-of-Function Long QT Mutations in Human Induced Pluripotent Stem Cell Cardiomyocytes**

Paci, M., Casini, S., Bellin, M., Hyttinen, J. & Severi, S., 2018, In : *International Journal of Molecular Sciences*. 19, 11

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

**Modeling and Engineering Promoters with Pre-defined RNA Production Dynamics in Escherichia Coli**

Oliveira, S. M. D., Bahrudeen, M. N. M., Startceva, S., Kandavalli, V. & Ribeiro, A. S., 2018, *Computational Methods in Systems Biology - 16th International Conference, CMSB 2018, Proceedings*. Springer Verlag, p. 3-20 18 p. (Lecture Notes in Bioinformatics; vol. 11095 LNBI).

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

**Effect of Implant Coating on Wireless Powering for Intracranial Pressure Monitoring System**

Khan, W., Rizwan, M., Behfar, M., Sydänheimo, L., Björninen, T. & Ukkonen, L., 10 Jul 2017, *Proceedings of 2017 IEEE AP-S/URSI*. IEEE, 2 p. (Digest of the IEEE Antennas and Propagation Society International Symposium).

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

**Glass and Glass-Ceramic Scaffolds: Manufacturing Methods and the Impact of Crystallization on In-Vitro Dissolution**

Nommeots-Nomm, A. & Massera, J., 2017, *Scaffolds in Tissue Engineering - Materials, Technologies and Clinical Applications*. InTech Open Access Publisher, 19 p.

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**Nonlinear Effects of Winter Swimming and Sauna Recreational Activities on the Heart Rate Variability**

Potapov, I., Haverinen, S., Smolander, J., Viik, J. & Räsänen, E., 2017, In : *Computing in Cardiology*. 44, 4 p.

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

**Short- and Long-Range Correlations in Beat Rate Variability of Human Pluripotent-Stem-Cell-Derived Cardiomyocytes**

Kim, J., Kuusela, J., Aalto-Setälä, K. & Räsänen, E., 2017, *Computing in Cardiology 2017*. Vol. 44. 4 p. (Computing in Cardiology).

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

**The impact of acquisition dose on quantitative breast density estimation with digital mammography: results from ACRIN PA 4006**

Chen, L., Ray, S., Keller, B., Pertuz, S., McDonald, E., Conant, E. & Kontos, D., Sep 2016, In : Radiology. 280, 3  
Research output: Contribution to journal › Article › Scientific › peer-review

**Fully-automated quantitative estimation of volumetric breast density from digital breast tomosynthesis images**

Pertuz, S., McDonald, E., Weinstein, S., Conant, E. & Kontos, D., Apr 2016, In : Radiology. 279, 1, p. 65-74  
Research output: Contribution to journal › Article › Scientific › peer-review

**Levosimendan alone and in combination with valsartan prevents stroke in Dahl salt-sensitive rats**

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., 5 Mar 2015, In : European Journal of Pharmacology. 750, p. 132-40 9 p.  
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