

Metabolic syndrome is associated with decreased heart rate variability in a sex-dependent manner : a comparison between 252 men and 249 women. / Kangas, Pauliina; Tikkakoski, Antti; Uitto, Marko; Viik, Jari; Bouquin, Heidi; Niemelä, Onni; Mustonen, Jukka; Pörsti, Ilkka.

In: *Clinical Physiology and Functional Imaging*, Vol. 39, No. 2, 03.2019, p. 160-167.

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

Disposable Microfluidic Sensor Based on Nanocellulose for Glucose Detection. / Uddin, Khan Mohammad Ahsan; Jokinen, Ville; Jahangiri, Farzin; Franssila, Sami; Rojas, Orlando J.; Tuukkanen, Sampo.

In: *Global Challenges*, Vol. 3, No. 2, 02.2019.

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, Alexey; O'Reilly, Paul G.; McInerney, Caitriona E.; Roddy, Aideen C.; Dunne, Philip D.; Gilmore, Alan; Ellis, Hayley P.; Flannery, Tom; Healy, Estelle; McIntosh, Stuart A.; Savage, Kieran; Kurian, Kathreena M.; Emmert-Streib, Frank; Prise, Kevin M.; Salto-Tellez, Manuel; McArt, Darragh G.

In: *JCO precision oncology*, Vol. 2, 13.09.2018.

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, Reetta; Kuismanen, Kirsi; Juntunen, Miia; Karjalainen, Sanna; Hannula, Markus; Kyllönen, Laura; Hyttinen, Jari; Huhtala, Heini; Paakinaho, Kaarlo; Miettinen, Susanna.

In: *Royal Society Open Science*, Vol. 5, No. 8, 180811, 01.08.2018.

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, Nadia; Startceva, Sofia; Palma, Cristina; Bahrudeen, Mohamed; Oliveira, Samuel; Ribeiro, Andre Sanches.

In: *Physical Biology*, Vol. 15, No. 2, 01.2018.

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, Michelangelo; Casini, Simona; Bellin, Milena; Hyttinen, Jari; Severi, Stefano.

In: *International Journal of Molecular Sciences*, Vol. 19, No. 11, 2018.

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

Modeling and Engineering Promoters with Pre-defined RNA Production Dynamics in Escherichia Coli. / Oliveira, Samuel M. D.; Bahrudeen, Mohamed N. M.; Startceva, Sofia; Kandavalli, Vinodh; Ribeiro, Andre S.

Computational Methods in Systems Biology - 16th International Conference, CMSB 2018, Proceedings. Springer Verlag, 2018. p. 3-20 (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, Waqas; Rizwan, Muhammad; Behfar, Mohammadhossein; Sydänheimo, Lauri; Björninen, Toni; Ukkonen, Leena.

Proceedings of 2017 IEEE AP-S/URSI . IEEE, 2017. (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, Amy; Massera, Jonathan.

Scaffolds in Tissue Engineering - Materials, Technologies and Clinical Applications. InTech Open Access Publisher, 2017.

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

Nonlinear Effects of Winter Swimming and Sauna Recreational Activities on the Heart Rate Variability. / Potapov, Ilya; Haverinen, Samuli; Smolander, Juhani; Viik, Jari; Räsänen, Esa.

In: *Computing in Cardiology*, Vol. 44, 2017.

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, Jiyeong; Kuusela, Jukka; Aalto-Setälä, Katriina; Räsänen, Esa.
Computing in Cardiology 2017. Vol. 44 2017. (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, Lin; Ray, Shonket ; Keller, Brad; Pertuz, Said; McDonald, Elizabeth; Conant, Emily; Kontos, Despina.
In: Radiology, Vol. 280, No. 3, 09.2016.
Research output: Contribution to journal › Article › Scientific › peer-review

Fully-automated quantitative estimation of volumetric breast density from digital breast tomosynthesis images. / Pertuz, Said; McDonald, Elizabeth; Weinstein, Susan; Conant, Emily; Kontos, Despina.
In: Radiology, Vol. 279, No. 1, 04.2016, 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, Jouko; Kivikko, Matti; Pollesello, Piero; Sallinen, Jukka; Hyttilä-Hopponen, Minja; Kuoppamäki, Mikko; Haasio, Kristiina; Gröhn, Olli; Miettinen, Riitta; Puoliväli, Jukka; Tähtivaara, Leena; Yrjänheikki, Juha; Haapalinna, Antti.
In: European Journal of Pharmacology, Vol. 750, 05.03.2015, p. 132-40.
Research output: Contribution to journal › Article › Scientific › peer-review