

Advances in nanomaterials induced biohydrogen production using waste biomass

Srivastava, Neha; Srivastava, Manish; Mishra, Pradeep Kumar; Kausar, Mohd Adnan; Saeed, Mohd; **Gupta, Vijai Kumar**; Singh, Rajeev; Ramteke, Pramod Wasudeo Bioresource Technology 2020 / art. 123094 <https://doi.org/10.1016/j.biortech.2020.123094> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Amphiphilic glycosylated block copolyptides as macromolecular surfactants in the emulsion polymerization of styrene

Jacobs, Jaco; **Gathergood, Nicholas**; Heuts, Johan P. A.; Heise, Andreas Polymer chemistry 2015 / p. 4634-4640 : ill

<https://doi.org/10.1039/C5PY00548E> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The analysis of finger photoplethysmographic waveform in healthy volunteers and diabetes patients [Electronic resource]

Pilt, Kristjan; Meigas, Kalju; Temitski, Kristina; Viigimaa, Margus IFMBE proceedings ; Vol. 38 2013 / p. 55-58 : ill [CD-ROM]

https://doi.org/10.1007/978-3-642-34197-7_14 Conference Proceedings at Scopus Article at Scopus

Analysis of instantaneous cardiac EBI signal variability over the heart cycle(s) : non-linear time-scale approach

Krivošei, Andrei; Min, Mart; Annus, Paul; Köiv, Hip; Aabloo, Alvo; Uuetoa, Tiina EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 940-943 : ill

https://doi.org/10.1007/978-981-10-5122-7_235 Conference proceedings at Scopus Article at Scopus Article at WOS

ANAMMOX-denitrification biomass in microbial fuel cell to enhance the electricity generation and nitrogen removal efficiency

Zekker, Ivar; Bhowmick, Gourav Dhar; Priks, Hans; Nath, Dibyojoyt; Rikmann, Ergo; **Jaagura, Madis** Biodegradation 2020 / p. 249 - 264

<https://doi.org/10.1007/s10532-020-09907-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of associations between arterial mechanical properties and biochemical blood markers for early detection of atherosclerosis

Kööts, Kristina; **Pilt, Kristjan**; Sepa, Madis; Pikta, Marika; **Fridolin, Ivo**; **Meigas, Kalju**; **Viigimaa, Margus** 8th European Medical and Biological Engineering Conference : proceedings of the EMBEC 2020, November 29 – December 3, 2020 Portorož, Slovenia 2021 / p. 121-129

https://doi.org/10.1007/978-3-030-64610-3_15 Conference Proceedings at Scopus Article at Scopus

Assessment of blood contamination in biological fluids using MALDI-TOF MS

Laks, Katrina; Kirsipuu, Tiina; Dmitrijeva, Tuuli; Salumets, Andres; Palumaa, Peep The protein journal 2016 / 171-176

<https://doi.org/10.1007/s10930-016-9657-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3)

Yakneen, Sergei; Waszak, Sebastian M.; Aminou, Brice; Bartolome, Javier; Boroevich, Keith A.; Boyce, Rich; Brooks, Angela N.; Buchanan, Alex; Buchhalter, Ivo; Butler, Adam P.; Byrne, Niall J.; Cafferkey, Andy; **Uusküla-Reimand, Liis** Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3) 2023 / p. 577

<https://doi.org/10.1038/s41587-022-01554-1> Journal metrics at Scopus Article at Scopus

<https://doi.org/10.1038/s41587-019-0360-3> Journal metrics at WOS Article at WOS

Automatic detection of real and imaginary parts of electrical impedance with single synchronous demodulation channel

Annus, Paul; **Priidel, Eiko**; **Land, Raul**; **Metshein, Margus**; Krivošei, Andrei; Min, Mart; **Ratassepp, Madis**; Märtens, Olev 8th European Medical and Biological Engineering Conference : Proceedings of the EMBEC 2020, November 29 - December 3, 2020 Portorož, Slovenia 2021 / p. 151-157

https://doi.org/10.1007/978-3-030-64610-3_18 Conference Proceedings at Scopus Article at Scopus

Automatic tolerance analysis of permanent magnet machines with encapsulated FEM Models using Digital-Twin-Distiller

Orosz, Tamas; Gadó, Krisztián; Katona, Mihály; **Rassölkin, Anton** Processes 2021 / art. 2077, p. 1-15 : ill

<https://doi.org/10.3390/pr9112077> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bioprocessing of waste biomass for sustainable product development and minimizing environmental impact

Usmani, Zeba; Sharma, Minaxi; Awasti, Abhishek Kumar; Sivakumar, Nallusamy; **Lukk, Tiit** Bioresource technology 2021 / art. 124548, 12 p. : ill

<https://doi.org/10.1016/j.biortech.2020.124548> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Biotechnological advances for restoring degraded land for sustainable development

Tripathi, Vishal; Edrisi, Sheikh Adil; Chen, Bin; **Gupta, Vijai Kumar**; Vilu, Raivo; **Gathergood, Nicholas**; Abhilash, P.C. Trends in biotechnology 2017 / p. 847-859 : ill

<https://doi.org/10.1016/j.tibtech.2017.05.001> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Can removal of middle molecular uremic retention solutes be estimated by UV-absorbance measurements in spent dialysate?

Lauri, Kai; Luman, Merike; Holmar, Jana; Tomson, Ruth; Kalle, Sigrid; Arund, Jürgen; Uhlin, Nils Fredrik Arne; **Fridolin, Ivo**

World Congress on Medical Physics and Biomedical Engineering, June 7–12, 2015, Toronto, Canada 2015 / p. 1297 - 1300
[https://doi.org/10.1007/978-3-319-19387-8_315 Conference proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-3-319-19387-8_315)

Characterization of new allele influencing flowering time in bread wheat introgressed from Triticum militinae

Ivančová, Zuzana; Jakobson, Irena; Reis, Diana; Järve, Kadri New biotechnology 2016 / p. 718-727 : ill
[https://doi.org/10.1016/j.nbt.2016.01.008 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1016/j.nbt.2016.01.008)

Classification algorithm improvement for physical activity recognition in maritime environments

Allik, Ardo; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo; Leier, Mairo; Jervan, Gert World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 3) 2019 / p. 13-17 [https://doi.org/10.1007/978-10-9023-3_3 Conference proceeding Article at Scopus Article at WOS](https://doi.org/10.1007/978-10-9023-3_3)

Coating with microbial hydrophobins : a novel approach to develop smart drug nanoparticles

Singh, Brahma N.; Singh, Braj R.; Gupta, Vijai Kumar Trends in biotechnology 2018 / p. 1103–1106 : ill
[https://doi.org/10.1016/j.tibtech.2018.03.006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1016/j.tibtech.2018.03.006)

Co-digestion of sewage sludge and sterilized solid slaughterhouse waste : methane production efficiency and process limitations

Pitk, Peep; Kaparaju, Prasad; Palatsi, Jordi; Affes, Rim; Vilu, Raivo Bioresource technology 2013 / p. 227-232 : ill
[https://www.sciencedirect.com/science/article/pii/S0960852413002526 https://doi.org/10.1016/j.biortech.2013.02.029 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://www.sciencedirect.com/science/article/pii/S0960852413002526)

Comparison of sulfate-reducing and conventional Anammox upflow anaerobic sludge blanket reactors

Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Vabamäe, Prit; Kroon, Kristel; Saluste, Alar; Tenno, Taavo; Menert, Anne; Rubin, Sergio S.C. Journal of bioscience and bioengineering 2014 / p. 426-433 : ill [https://doi.org/10.1016/j.jbiosc.2014.03.012 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1016/j.jbiosc.2014.03.012)

Construction of gender-specific regression models for aortic length estimation based on computed tomography images

Zemtsovskaja, Galina; Pilt, Kristjan; Samarin, Andrei; Albina, Jelena; Meigas, Kalju; Viigimaa, Margus Health and technology 2020 / p. 679–687 : ill [https://doi.org/10.1007/s12553-019-00391-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1007/s12553-019-00391-8)

Controllable limiter of signal amplitudes for bioimpedance measurements

Ojarand, Jaan; Min, Mart EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 920-923 : ill [https://doi.org/10.1007/978-981-10-5122-7_230 Conference proceedindgs at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-981-10-5122-7_230)

A COST Action on microbial responses to low pH : developing links and sharing resources across the academic-industrial divide

Azizi, Tamir; Carvalho De Araujo, Laurine; Cetecioglu, Zeynep; Clancy, Aisha J.; Feger, Marie L.; Liran, Oded; O'Byrne, Conor; Sanka, Immanuel; Scheler, Ott; Sedlakova-Kadukova, Jana; Ziv, Carmit; De Biase, Daniela; Lund, Peter A. New biotechnology 2022 / p. 64-70 [https://doi.org/10.1016/j.nbt.2022.09.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1016/j.nbt.2022.09.002)

Decomposing of cardiac and respiratory signals from electrical bio-impedance data using filtering method

Mughal, Yar M. The International Conference on Health Informatics : ICHI 2013, Vilamoura, Portugal on 7-9 November, 2013 2014 / p. 252-255 : ill [https://doi.org/10.1007/978-3-319-03005-0_64 Conference proceedings at Scopus Article at Scopus](https://doi.org/10.1007/978-3-319-03005-0_64)

Dependence of the EEG nonlinear coupling on the frequency bands and the segment lengths

Orgo, Laura; Bachmann, Maie; Kalev, Kaia; Järvelaid, Mari; Raik, Jaan; Hinrikus, Hiie EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 799-802 [https://doi.org/10.1007/978-981-10-5122-7_200 Conference proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-981-10-5122-7_200)

Detrended fluctuation analysis of EEG in depression

Bachmann, Maie; Suhhova, Anna; Lass, Jaanus; Adamsoo, Kaire; Võhma, Ülle; Hinrikus, Hiie-Agnes XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013, MEDICON 2013, 25-28 September 2013, Seville, Spain 2014 / p. 694-697 [https://doi.org/10.1007/978-3-319-00846-2_172 Conference proceedings at Scopus Article at Scopus](https://doi.org/10.1007/978-3-319-00846-2_172)

Development of a bio-impedance signal simulator on the basis of the regression based model of the cardiac and respiratory impedance signals

Muhammad, Yar; Le Moullec, Yannick; Annus, Paul; Min, Mart 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 92-95 : ill [https://doi.org/10.1007/978-3-319-12967-9_25 Conference proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-3-319-12967-9_25)

Droplet-based methods for tackling antimicrobial resistance

EEG functional connectivity detects seasonal changes

Päeske, Laura; Bachmann, Maie; Raik, Jaan; Hinrikus, Hiie World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 237-240 [https://doi.org/10.1007/978-981-10-9038-7_44 Conference Proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-981-10-9038-7_44)

EEG spectral asymmetry index detects differences between leaders and non-leaders

Pöld, Toomas; Bachmann, Maie; Orgo, Laura; Kälev, Kaia; Lass, Jaanus; Hinrikus, Hiie EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 17-20 [https://doi.org/10.1007/978-981-10-5122-7_5 Conference proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-981-10-5122-7_5)

EEG spectral asymmetry index for detection of depression at individual and fixed frequency bands [Electronic resource]

Suhhova, Anna; Bachmann, Maie; Lass, Jaanus; Adamsoo, Kaire; Võhma, Ülle; Hinrikus, Hiie World Congress on Medical Physics and Biomedical Engineering May 26-31, 2012, Beijing, China 2012 / p. 589-592 : ill [CD-ROM] [https://link.springer.com/chapter/10.1007/978-3-642-29305-4_154 Conference Proceedings at Scopus Article at Scopus Article at WOS](https://link.springer.com/chapter/10.1007/978-3-642-29305-4_154)

EEG spectral asymmetry is dependent on education level of men

Pöld, Toomas; Bachmann, Maie; Päeske, Laura; Kälev, Kaia; Lass, Jaanus; Hinrikus, Hiie World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 405–408 [https://doi.org/10.1007/978-981-10-9038-7_76 Conference Proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-981-10-9038-7_76)

Effect of coffee on EEG spectral assymmetry

Saifudinova, Maie; Bachmann, Maie; Lass, Jaanus; Hinrikus, Hiie World Congress on Medical Physics and Biomedical Engineering, June 7–12, 2015, Toronto, Canada 2015 / p. 1030-1033 [https://doi.org/10.1007/978-3-319-19387-8_251 Conference proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-3-319-19387-8_251)

Effect of log soaking and the temperature of peeling on the properties of rotary-cut birch (*Betula pendula* Roth) veneer bonded with phenol-formaldehyde adhesive

Rohumaa, Anti; Yamamoto, Akio; Hunt, Christopher Glaab; Frihart, Charles Richard; Hughes, Mark; **Kers, Jaan** Bioresources 2016 / p. 5829-5838 : ill [https://doi.org/10.1537/biores.11.3.5829-5838 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1537/biores.11.3.5829-5838)

Efficient dark fermentative hydrogen production from enzyme hydrolyzed rice straw by *Clostridium pasteurianum* (MTCC116)

Srivastava, Neha; Srivastava, Manish; Kushwaha, Deepika; **Gupta, Vijai Kumar; Manikanta, Ambepu;** Ramteke, Pramod Wasudeo; **Mishra, Pradeep Kumar** Bioresource technology 2017 / p. 552-558 : ill [https://doi.org/10.1016/j.biortech.2017.04.077 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1016/j.biortech.2017.04.077)

Electrode optimization for bioimpedance based central aortic blood pressure estimation

Metshein, Margus; Köiv, Hip; Annus, Paul; Min, Mart World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 497-501 [https://doi.org/10.1007/978-981-10-9038-7_92 Conference Proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-981-10-9038-7_92)

Electroencephalography as an objective indicator of stress

Gavriljuk, Marietta; Uudeberg, Tuuli; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo; Bachmann, Maie 19th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics : Proceedings of NBC 2023, June 12–14, 2023, Liepaja, Latvia 2023 / p. 221–226 [https://doi.org/10.1007/978-3-031-37132-5_28 Conference proceedings at Scopus Article at Scopus](https://doi.org/10.1007/978-3-031-37132-5_28)

Endolichenic Fungi: a hidden reservoir of next generation biopharmaceuticals

Singh, Brahma N.; Upreti, Dalip K.; **Gupta, Vijai Kumar;** Dai, Xiao-Feng; Jiang, Yueming Trends in biotechnology 2017 / p. 808-813 [https://doi.org/10.1016/j.tibtech.2017.03.003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1016/j.tibtech.2017.03.003)

Energy production from steam gasification processes and parameters that contemplate in biomass gasifier – a review

Singh Siwal, Samarjeet; Zhang, Qibo; Sun, Changbin; Thakur, Sourbh; **Gupta, Vijai Kumar;** Kumar Thakur, Vijay Bioresource Technology 2020 / Art. nr. 122481 [https://doi.org/10.1016/j.biortech.2019.122481 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1016/j.biortech.2019.122481)

Engineered microbial host selection for value-added bioproducts from lignocellulose

Paula, Renato Graciano de; Antoniêto, Amanda Cristina Campos; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107347, 18 p. : ill [https://doi.org/10.1016/j.biotechadv.2019.02.003 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](https://doi.org/10.1016/j.biotechadv.2019.02.003)

Enhanced efficiency of hybrid amorphous silicon solar cells based on single-walled carbon nanotubes and polymer composite thin film

Rajanna, Pramod M.; Gilshteyn, Evgenia P.; Yagafarov, Timur; Alekseeva, Alena A.; Anisimov, Anton S.; Neumüller, Alex; Sergeev, Oleg; **Bereznev, Sergei; Maricheva, Jelena**; Nasibulin, Albert Nanotechnology 2018 / 10 p. : ill <https://doi.org/10.1088/1361-6528/aaa647> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhanced expression of human prostaglandin H synthase-2 in the yeast *Pichia pastoris* and removal of the C-terminal tag with bovine carboxypeptidase A

Kukk, Kaia; Samel, Nigulas Journal of biotechnology 2016 / p. 224-231 : ill <https://doi.org/10.1016/j.jbiotec.2016.06.015> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancement of photoluminescence of GaAsBi quantum wells by parabolic design of AlGaAs barriers

Pukiene, Simona; Karaliunas, Mindaugas; Jasinskas, A.; Udal, Andres Nanotechnology 2019 / art. 455001, 11 p. : ill <https://doi.org/10.1088/1361-6528/ab36f3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enrichment of *Plasticiculumans acidivorans* at pilot-scale for PHA production on industrial wastewater

Tamis, Jelmer; **Lužkov, Kätlin**; Jiang, Yang; Loosdrecht, Mark C.M. van; Kleerebezem, Robbert Journal of biotechnology 2014 / p. 61-169 : ill <https://doi.org/10.1016/j.jbiotec.2014.10.022> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Erratum to: Assessment of Blood Contamination in Biological Fluids Using MALDI-TOF MS (Protein J, 10.1007/s10930-016-9657-y)

Laks, Katrina; Kirsipuu, Tiina; Dmitrijeva, Tuuli; Salumets, Andres; **Palumaa, Peep** Protein Journal 2016 / p. 177 - 178 <https://doi.org/10.1007/s10930-016-9660-3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluating the changes in the functional status of the musculoskeletal system before and after an intervention among sewing machine operators with partial work ability

Traumann, Ada; **Tint, Piia**; Merisalu, Eda; Hiir, Kadi Journal of biomimetics biomaterials and biomedical engineering 2020 / p. 127-135 <https://doi.org/10.4028/www.scientific.net/JBBBE.47.127> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of automatic speech recognition prototype for Estonian language in radiology domain : a pilot study

Paats, Andrus; Alumäe, Tanel; Meister, Einar; Fridolin, Ivo 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 96-99 https://doi.org/10.1007/978-3-319-12967-9_26 Conference proceedings at Scopus Article at Scopus Article at WOS

Experimental and modeling studies of intermediate pyrolysis of wood in a laboratory-scale continuous feed retort reactor

Ochieng, Richard; **Ceron, Alejandro Lyons; Konist, Alar; Sarker, Shilpu** Bioresource technology reports 2023 / art. 101650 <https://doi.org/10.1016/j.biteb.2023.101650> Journal metrics at Scopus Article at Scopus Article at WOS

A fish perspective : detecting flow features while moving using an artificial lateral line in steady and unsteady flow

Chambers, Lily D.; **Ježov, Jaas; Kruusmaa, Maarja** Journal of the Royal Society Interface 2014 / p. 1-13 : ill <https://doi.org/10.1098/rsif.2014.0467> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fluorescence of Beta-2-microglobulin in the spent dialysate

Kalle, Sigrid; Kressa, H.; Tanner, Risto; Holmar, Jana; Fridolin, Ivo 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 59-62 : ill https://doi.org/10.1007/978-3-319-12967-9_16 Conference proceedings at Scopus Article at Scopus Article at WOS

Hemodialysis optical monitoring toward greener technology : a potential for water saving dialysis treatment

Leis, Liisi; **Adoberg, Annika; Paats, Joosep; Holmar, Jana; Arund, Jürgen; Karai, Deniss; Luman, Merike; Pilt, Kristjan; Taklaja, Paul; Tanner, Risto; Fridolin, Ivo** 19th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics : Proceedings of NBC 2023, June 12-14, 2023, Liepaja, Latvia 2023 / p. 162 - 171 https://doi.org/10.1007/978-3-031-37132-5_21 Conference Proceedings at Scopus Article at Scopus

Hybrid graphene-ceramic nanofibre network for spontaneous neural differentiation of stem cells

Kazantseva, Jekaterina; **Hussainova, Irina; Ivanov, Roman; Neumann, Toomas; Gasik, Michael** Interface focus 2018 / 6 p. : ill <https://doi.org/10.1098/rsfs.2017.0037> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Immunodetection of *Streptococcus uberis* pathogen in raw milk

Mihklepp, Kaisa; **Kivirand, Kairi; Juronen, Delia; Löökene, Aivar; Rinken, Toonika** Enzyme and microbial technology 2019 / art. 109360, 6 p. : ill <https://doi.org/10.1016/j.enznictec.2019.109360> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of acute mental stress on the forehead photoplethysmographic signal waveform

Pilt, Kristjan; Karai, Deniss; Bachmann, Maie; Gavriljuk, Marietta; **Fridolin, Ivo** 19th Nordic-Baltic conference on biomedical

Influence of birch false heartwood on the physical and mechanical properties of wood-plastic composites
Kallakas, Heikko; Ayansola, Gbenga; Tumanov, Tanel; Goljandin, Dmitri; Poltimäe, Triinu; Krumme, Andres; Kers, Jaan
Bioresources 2019 / p. 3554-3566 : ill [https://doi.org/10.15376/biores.14.2.3554-3566 Journal metrics at Scopus Article at Scopus](https://doi.org/10.15376/biores.14.2.3554-3566)
[Journal metrics at WOS Article at WOS](#)

Insulin fibrillization at acidic and physiological pH values is controlled by different molecular mechanisms
Noormägi, Andra; Valmsen, Karin; Töugu, Vello; Palumaa, Peep The protein journal 2015 / p. 398-403 : ill
[https://doi.org/10.1007/s10930-015-9634-x Journal metrics at Scopus Article at Scopus](https://doi.org/10.1007/s10930-015-9634-x)
[Journal metrics at WOS Article at WOS](#)

Interaction of firefly luciferase and silver nanoparticles and its impact on enzyme activity
Käkinen, Aleksandr; Ding, Feng; Chen, Pengyu; Mortimer, Monika; Kahru, Anne; Ke, Pu Chun Nanotechnology 2013 / art. 345101
[https://doi.org/10.1088/0957-4484/24/34/345101 Journal metrics at Scopus Article at Scopus](https://doi.org/10.1088/0957-4484/24/34/345101)
[Journal metrics at WOS Article at WOS](#)

Investigation of mechanical and physicochemical properties of clinically retrieved titanium-niobium orthodontic archwires
Stoyanova-Ivanova, Angelina; Cherneva, Sabina; Petrunov, Vladimir; Petrova, Violeta; Ilievska, Ivana; Mikli, Valdek; Iankov, Roumen
Acta of bioengineering and biomechanics 2020 / p. 31-39 [https://doi.org/10.37190/ABB-01486-2019-03 Journal metrics at Scopus Article at Scopus](https://doi.org/10.37190/ABB-01486-2019-03)
[Article at Scopus Journal metrics at WOS Article at WOS](#)

Investigation of photoplethysmographic signal augmentation index estimation differences between fingers
Pilt, Kristjan; Silluta, Sandra; Kööts, Kristina; Karai, Deniss; Meigas, Kalju; Viigimaa, Margus EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 819-822 : ill [https://doi.org/10.1007/978-981-10-5122-7_205 Conference proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-981-10-5122-7_205)

Ionic liquid based pretreatment of lignocellulosic biomass for enhanced bioconversion
Usmani, Zeba; Sharma, Minaxi; Gupta, Pratishtha; Karpichev, Yevgen; Gathergood, Nicholas; Bhat, Rajeev; Gupta, Vijai Kumar
Bioresource technology 2020 / art. 123003, 13 p [https://doi.org/10.1016/j.biortech.2020.123003 Journal metrics at Scopus Article at Scopus](https://doi.org/10.1016/j.biortech.2020.123003)
[Journal metrics at WOS Article at WOS](#)

Joint biomedical engineering and medical physics master's curriculum project in Estonia
Meigas, Kalju; Kepler, Kalle; Holmar, Jana World Congress on Medical Physics and Biomedical Engineering May 26-31, 2012, Beijing, China 2013 / p. 1691 - 1693 [https://doi.org/10.1007/978-3-642-29305-4_444 Conference Proceedings at Scopus Article at Scopus](https://doi.org/10.1007/978-3-642-29305-4_444)
[Article at WOS](#)

Lean body mass assessment based on UV absorbance in spent dialysate and dual-energy x-ray absorptiometry
Tomson, Ruth; Fridolin, Ivo; Luman, Merike International journal of artificial organs 2015 / p. 311-315 : ill
[https://doi.org/10.5301/ijao.5000415 Journal metrics at Scopus Article at Scopus](https://doi.org/10.5301/ijao.5000415)
[Journal metrics at WOS Article at WOS](#)

Lean-proteome strains - next step in metabolic engineering
Valgepea, Kaspar; Peebo, Karl; Adamberg, Kaarel; Vilu, Raivo Frontiers in bioengineering and biotechnology 2015 / p. 1-4
[https://doi.org/10.3389/fbioe.2015.00011 Journal metrics at Scopus Article at Scopus](https://doi.org/10.3389/fbioe.2015.00011)
[Journal metrics at WOS Article at WOS](#)

Lempel Ziv complexity of EEG in depression
Bachmann, Maie; Kalev, Kaia; Suhhova, Anna; Lass, Jaanus; Hinrikus, Hiie 6th European Conference of the International Federation for Medical and Biological Engineering, MBEC 2014, 7-11 September 2014, Dubrovnik, Croatia 2015 / p. 58-61 : ill
[https://doi.org/10.1007/978-3-319-11128-5_15 Conference proceedings at Scopus Article at Scopus Article at WOS](https://doi.org/10.1007/978-3-319-11128-5_15)

Lipase-catalyzed stereoresolution of long-chain 1,2-alkanediols: a screening of preferable reaction conditions
Parve, Jaan; Reile, Indrek; Aid, Tiina; Kudrjašova, Marina; Müürisepp, Aleksander-Mati; Vallikivi, Imre; Villo, Ly; Aav, Riina; Pehk, Tõnis; Vares, Lauri; Parve, Omar Journal of molecular catalysis B : enzymatic 2015 / p. 60-69 : ill
[https://doi.org/10.1016/j.molcatb.2015.03.006 Journal metrics at Scopus Article at Scopus](https://doi.org/10.1016/j.molcatb.2015.03.006)
[Journal metrics at WOS Article at WOS](#)

Long-term stability of EEG spectral asymmetry index - preliminary study
Uudeberg, Tuuli; Päeske, Laura; Pöld, Toomas; Lass, Jaanus; Hinrikus, Hiie; Bachmann, Maie XV Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 2019 : proceedings of MEDICON 2019, September 26-28, 2019, Coimbra, Portugal 2020 / p. 276-281 [https://doi.org/10.1007/978-3-030-31635-8_33 Conference proceeding at Scopus Article at Scopus](https://doi.org/10.1007/978-3-030-31635-8_33)
[Article at WOS](#)

Mechanism of low-level microwave radiation effect on brain : frequency limits
Hinrikus, Hiie; Bachmann, Maie; Lass, Jaanus EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 647-650 [https://doi.org/10.1007/978-981-10-5122-7_162 Conference proceedings at Scopus](https://doi.org/10.1007/978-981-10-5122-7_162)
[Article at WOS](#)

Mesophilic co-digestion of dairy manure and lipid rich solid slaughterhouse wastes : process efficiency, limitations and floating granules formation

Pitk, Peep; Palatsi, Jordi; Kaparaju, Prasad; Fernandez, Belen; Vilu, Raivo Bioresource technology 2014 / p. 168-177 : ill
<https://doi.org/10.1016/j.biortech.2014.05.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial engineering biotechnologies : editorial

Singh, Brahma N.; Raghubanshi, Akhilesh S.; Koffas, Mattheos; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107399, 4 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.05.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microfluidic screening of antibiotic susceptibility at a single-cell level shows the inoculum effect of cefotaxime on: E. coli Postek, Witold; Gargulinski, Paweł; Scheler, Ott; Kaminski, Tomasz S.; Garstecki, Piotr Lab on a Chip 2018 / p. 3668 - 3677

<https://doi.org/10.1039/c8lc00916c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modular system for spectral analysis of time-variant impedances

Rist, Marek; Reidla, Marko; Land, Raul; Parve, Toomas; Märtens, Olev; Annus, Paul; Ojarand, Jaan; Min, Mart 6th European Conference of the International Federation for Medical and Biological Engineering : MBEC 2014, 7-11 September 2014, Dubrovnik, Croatia 2015 / p. 858-861 : ill https://doi.org/10.1007/978-3-319-11128-5_213 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Multiplying steady-state culture in multi-reactor system

Erm, Sten; Adamberg, Kaarel; Vilu, Raivo Bioprocess and biosystems engineering 2014 / p. 2361-2370 : ill
<https://doi.org/10.1007/s00449-014-1214-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Musculoskeletal disorders caused by the static posture of office and garment workers

Pille, Viive; Reinhold, Karin; Tint, Piia; Hartšenko, Jelena International journal of biology and biomedical engineering 2016 / p. 191-201 : ill <https://www.nauj.org/main/NAUN/bio/2016/a442010-067.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

Nanoengineered cellulosic biohydrogen production via dark fermentation : A novel approach

Srivastava, Neha; Srivastava, Manish; Malhotra, Bansi D.; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107384, 13 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.04.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New optical method for estimation of protein bound uremic toxins elimination

Holmar, Jana; Arund, Jürgen; Uhlin, Fredrik; Tanner, Risto; Fridolin, Ivo World Congress on Medical Physics and Biomedical Engineering May 26-31, 2012, Beijing, China 2013 / p. 71-74 https://doi.org/10.1007/978-3-642-29305-4_20 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A novel strategy to enhance biohydrogen production using graphene oxidetreated thermostable crude cellulase and sugarcane bagasse hydrolyzateunder co-culture system

Srivastava, Neha; Srivastava, Manish; **Gupta, Vijai Kumar** Bioresource technology 2018 / p. 337-345 : ill
<https://doi.org/10.1016/j.biortech.2018.09.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Online urea concentration estimation from spent dialysate using optical sensor

Pilt, Kristjan; Arund, Jürgen; Adoberg, Annika; Leis, Liisi; Luman, Merike; Fridolin, Ivo XV Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 2019 : proceedings of MEDICON 2019, September 26–28, 2019, Coimbra, Portugal 2020 / p. 1459-1464 https://doi.org/10.1007/978-3-030-31635-8_180 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Online uric acid concentration estimation in blood from spent dialysate measurements using an optical sensor

Paats, Joosep; Arund, Jürgen; Pilt, Kristjan; Adoberg, Annika; Leis, Liisi; Luman, Merike; Holmar, Jana; Tanner, Risto; Fridolin, Ivo 9th European Medical and Biological Engineering Conference : Proceedings of EMBEC 2024 ; Volume 2 2024 / p. 178 - 187 https://doi.org/10.1007/978-3-031-61628-0_20 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Optical urea rebound estimation during dialysis

Tomson, Ruth; Uhlin, Nils Fredrik Arne; Fridolin, Ivo 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 109-112 : ill https://doi.org/10.1007/978-3-319-12967-9_30 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Organic nanoparticle-based combinatory approaches for gene therapy

Singh, Brahma N.; Prateeksha; **Gupta, Vijai Kumar**; Chen, Jieyin; Atanasov, Atanas G. Trends in biotechnology 2017 / p. 1121-1124
<https://doi.org/10.1016/j.tibtech.2017.07.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Personal control of privacy and data : Estonian experience

Priisalu, Jaan; Ottis, Rain Health and technology 2017 / p. 441-451 <https://doi.org/10.1007/s12553-017-0195-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pilot study for estimating physical fatigue based on heart rate variability and reaction time

Allik, Ardo; Pilt, Kristjan; Viigimäe, Moonika; Fridolin, Ivo XV Mediterranean Conference on Medical and Biological Engineering and Computing -MEDICON 2019 : proceedings of MEDICON 2019, September 26–28, 2019, Coimbra, Portugal 2020 / p. 193-200
https://doi.org/10.1007/978-3-030-31635-8_23 [Conference proceeding at Scopus Article at Scopus Article at WOS](#)

Poly(alkanoyl isosorbide methacrylate)s : from amorphous to semicrystalline and liquid crystalline biobased materials

Laanesoo, Siim; Bonjour, Olivier; Parve, Jaan; Parve, Omar; Matt, Livia; Vares, Lauri; Jannasch, Patric Biomacromolecules 2021 / p. 640-648 <https://doi.org/10.1021/acs.biromac.0c01474> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Production of a recombinant swollenin from *Trichoderma harzianum* in *Escherichia coli* and its potential synergistic role in biomass degradation

Santos, Cleiton A.; Ferreira-Filho, Jaire A.; O'Donovan, Anthonia; Gupta, Vijai Kumar; Tuohy, Maria G.; Souza, Anete P. Microbial cell factories 2017 / art. 83, 11 p. : ill <https://doi.org/10.1186/s12934-017-0697-6> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Quantization of the response signal differences for the electrical bioimpedance measurement

Annus, Paul; Land, Raul; Priidel, Eiko; Metshein, Margus; Min, Mart; Märtens, Olev EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 290-293 : ill https://doi.org/10.1007/978-981-10-5122-7_73 [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

Recent advances in plasmid-based tools for establishing novel microbial chassis

Nora, Luísa Czamanski; Westmann, Cauã Antunes; Guazzaroni, María-Eugenio; Siddaiah, Chandranayaka; Gupta, Vijai Kumar; Silva-Rocha, Rafael Biotechnology Advances 2019 / Art. nr. 107433 <https://doi.org/10.1016/j.biotechadv.2019.107433> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Refinement of a quantitative structure–activity relationship model for prediction of cell-penetrating peptide based transfection systems

Dowaidar, Moataz; Regberg, Jakob; Dobchev, Dimitar Atanasov; Lehto, Tõnis; Hällbrink, Mattias; Karelson, Mati; Langel, Ülo International journal of peptide research and therapeutics 2017 / p. 91-100 : ill <https://doi.org/10.1007/s10989-016-9542-8> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Removal estimation of uremic CVD marker phosphate in dialysis using spectrophoto- and fluorimetical signals

Holmar, Jana; Arund, Jürgen; Kalle, Sigrid; Lauri, Kai; Luman, Merike; Tanner, Risto; Tomson, Ruth; Fridolin, Ivo EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 358-361 : ill https://doi.org/10.1007/978-981-10-5122-7_90 [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

Removal of Urea, beta 2-Microglobulin, and Indoxyl Sulfate Assessed by Absorbance and Fluorescence in the Spent Dialysate During Hemodialysis

Lauri, Kai; Arund, Jürgen; Holmar, Jana; Tanner, Risto; Kalle, Sigrid; Luman, Merike; Fridolin, Ivo Asaio journal 2020 / p. 695–705 <https://doi.org/10.1097/MAT.0000000000001058> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Removal of vascular calcification inducer phosphate in different dialysis treatment modalities

Holmar, Jana; Fridolin, Ivo; Luman, Merike World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 3) 2019 / p. 143-147 https://doi.org/10.1007/978-981-10-9023-3_26 [Conference proceeding at Scopus Article at Scopus Article at WOS](#)

Revealing small hidden changes in human EEG by Higuchi's fractal dimension [Electronic resource]

Bachmann, Maie; Suhhova, Anna; Lass, Jaanus; Hinrikus, Hiie IFMBE proceedings ; Vol. 38 2013 / p. 47-50 : ill [CD-ROM] https://doi.org/10.1007/978-3-642-34197-7_12 [Conference Proceedings at Scopus Article at Scopus](#)

A review on development of bio-inspired implants using 3D printing

Raheem, Ansheed A.; Hameed, Pearlin; Prashanth, Konda Gokuldoss; Manivasagam, Geetha Biomimetics 2021 / art. 65 <https://doi.org/10.3390/biomimetics6040065> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

Second derivative analysis of forehead photoplethysmographic signal in healthy volunteers and diabetes patients [Electronic resource]

Pilt, Kristjan; Meigas, Kalju; Temitski, Kristina; Viigimaa, Margus World Congress on Medical Physics and Biomedical Engineering May 26-31, 2012, Beijing, China 2012 / p. 410-413 : ill [CD-ROM] https://link.springer.com/chapter/10.1007/978-3-642-29305-4_109 https://doi.org/10.1007/978-3-642-29305-4_109 [Conference Proceedings at Scopus Article at scopus](#)

Selection of EEG frequency bands for detection of depression

Kalev, Kaia; Bachmann, Maie 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 55-58 https://doi.org/10.1007/978-3-319-12967-9_15 Conference proceedings at Scopus Article at Scopus Article at WOS

SET-LRP of bio- and petroleum-sourced methacrylates in aqueous alcoholic mixtures

Moreno, Adrian; Bensabeh, Nabil; **Parve, Jaan**; Ronda, Juan C.; Cádiz, Virginia; Gallà, Marina; Vares, Lauri; Lligadas, Gerard; Percec, Virgil Biomacromolecules 2019 / p. 1816 - 1827 <https://doi.org/10.1021/acs.biromac.9b00257> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Shielding static magnetic fields from Magnetic Resonance Imaging units by ferromagnetic material

Koppel, Tarmo; Ross, Peeter; Vilcane, Inese EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 743-746 : ill https://doi.org/10.1007/978-981-10-5122-7_186 Conference proceedings at Scopus Article at Scopus Article at WOS

Solution combustion synthesis of nanostructured molybdenum carbide

Kirakosyan, Hasmik; Nazaretyan, K.T.; Mnatsakanyan, R.A.; **Aydinyan, Sofiya**; Kharatyan, Suren Journal of nanoparticle research 2018 / art. 214, 11 p. : ill <https://doi.org/10.1007/s11051-018-4312-5> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Synthesis and characterization of mechanical properties of boron–carbon-based superhard composites

Kommel, Lembit; Omranpour Shahreza, Babak Carbon Letters 2023 / p. 1311-1319 <https://doi.org/10.1007/s42823-022-00351-9> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Synthetic biology in Indonesia: Potential and projection in a country with mega biodiversity

Sanka, Immanuel; Kusuma, Ali Budhi; Martha, Faustina; Hendrawan, Andre; Pramanda, Ihsan Tria; Wicaksono, Adhityo; Jati, Afif Pranaya; Mazaya, Maulida; Dwijayanti, Ari; Izzati, Nurul Biotechnology Notes 2023 / p. 41-48 : ill <https://doi.org/10.1016/j.biotno.2023.02.002> Journal metrics at Scopus Article at Scopus

ZnO nanowires for solar cells : a comprehensive review

Consonni, Vincent; Briscoe, Joe; **Kärber, Erki** Nanotechnology 2019 / art. 362001, 41 p. : ill <https://doi.org/10.1088/1361-6528/ab1f2e> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The aortic pulse wave velocity estimation for arterial stiffness assessment

Pilt, Kristjan; Kööts, Kristina; Meigas, Kalju; Šamarin, Andrei; Zemtsovskaja, Galina; Viigimaa, Margus 6th European Conference of the International Federation for Medical and Biological Engineering, MBEC 2014, 7–11 September 2014, Dubrovnik, Croatia 2015 / p. 294-297 https://doi.org/10.1007/978-3-319-11128-5_73 Conference proceedings at Scopus Article at Scopus Article at WOS

Thermal behavior of ceramic bodies based on Estonian clay from the Arumetsa deposit with oil shale ash and clinker dust additives

Kaljuvee, Tiit; Uibu, Mai; Einard, Marve; Traksmaa, Rainer; Viljus, Mart; Jefimova, Jekaterina; Trikkel, Andres Processes 2022 / art. 46 <https://doi.org/10.3390/pr10010046> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Thermal behavior of Estonian graptolite-argillite from different deposits

Kaljuvee, Tiit; Tönsuadu, Kaia; Einard, Marve; Mikli, Valdek; Kivimäe, Eliise-Koidula; Kallaste, Toivo; Trikkel, Andres Processes 2022 / art. 1986 <https://doi.org/10.3390/pr10101986> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Toxicity of antimony, copper, cobalt, manganese, titanium and zinc oxide nanoparticles for the alveolar and intestinal epithelial barrier cells in vitro

Titma, Tiina; Shimmo, Ruth; Siigur, Jüri; Kahru, Anne Cytotechnology 2016 / p. 2363-2377 : ill <https://doi.org/10.1007/s10616-016-0032-9> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Urea rebound assessment based on UV absorbance in spent dialysate

Tomson, Ruth; Uhlin, Fredrik; Fridolin, Ivo Asaio journal 2014 / p. 459-465 : ill <https://doi.org/10.1097/MAT.0000000000000091> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Use of alkali-activated aluminosilicate material to enhance biogas production from acidic whey

Rugele, K.; Skripsts, E.; Mezule, L.; **Pitk, Peep**; Bajare, D.; Juhna, T. Open biotechnology journal 2015 / p. 54-60 : ill <https://doi.org/10.2174/1874070701509010054> Journal metrics at Scopus Article at Scopus

Use of chitosan for growth rate studies of gut microbiota

Adamberg, Kaarel; Raba, Grete; Adamberg, Signe Frontiers in bioengineering and biotechnology 2020 / art. 24, 12 p. : ill <https://doi.org/10.3389/fbioe.2020.00024> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Variation of cardiac and respiratory waveform on human thorax in the case of inductive coupling
Metshein, Margus; Annus, Paul; Land, Raul; Krivošei, Andrei; Ojarand, Jaan; Aabloo, Alvo; Min, Mart EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 671-674 : ill https://doi.org/10.1007/978-981-10-5122-7_168 Conference proceedings at Scopus Article at Scopus Article at WOS