

Determination of chlorinated 5-methyl-5-hydroxyfuranones in drinking water, in chlorinated humic water, and in pulp bleaching liquor. / Franzén, Robert; Kronberg, Leif.

In: Environmental Science and Technology, Vol. 28, No. 12, 1994, p. 2222-2227.

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

Occurrence of some chlorinated enol lactones and cyclopentene-1,3-diones in chlorine-treated waters. / Smeds, A.; Franzen, R.; Kronberg, L.

In: Environmental Science and Technology, Vol. 29, No. 7, 1995, p. 1839-1844.

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

Anaerobic solubilisation of nitrogen from municipal solid waste (MSW). / Jokela, J. P Y; Rintala, J. A.

In: Reviews in Environmental Science and Bio-Technology, Vol. 2, No. 1, 2003, p. 67-77.

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

Thermophilic aerobic wastewater treatment, process performance, biomass characteristics, and effluent quality. /

Suvilampi, J.; Rintala, J.

In: Reviews in Environmental Science and Bio-Technology, Vol. 2, No. 1, 2003, p. 35-51.

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

Biogas from energy crops - Optimal pre-treatments and storage, co-digestion and energy balance in boreal conditions. /

Seppälä, M.; Paavola, T.; Lehtomäki, A.; Pakarinen, O.; Rintala, J.

In: Water Science and Technology, Vol. 58, No. 9, 2008, p. 1857-1863.

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

Effects of solid-liquid separation on recovering residual methane and nitrogen from digested dairy cow manure. / Kaparaju, P. L N; Rintala, J. A.

In: Bioresource Technology, Vol. 99, No. 1, 01.2008, p. 120-127.

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

Effects of storage on characteristics and hygienic quality of digestates from four co-digestion concepts of manure and biowaste. / Paavola, Teija; Rintala, Jukka.

In: Bioresource Technology, Vol. 99, No. 15, 10.2008, p. 7041-7050.

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

Storing energy crops for methane production : Effects of solids content and biological additive. / Pakarinen, Outi; Lehtomäki, Anni; Rissanen, Sanna; Rintala, Jukka.

In: Bioresource Technology, Vol. 99, No. 15, 10.2008, p. 7074-7082.

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

Methane oxidation in a boreal climate in an experimental landfill cover composed from mechanically-biologically treated waste. / Einola, J.-K. M.; Sormunen, K. M.; Rintala, J. A.

In: Science of the Total Environment, Vol. 407, No. 1, 15.12.2008, p. 67-83.

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

Internal leachate quality in a municipal solid waste landfill : Vertical, horizontal and temporal variation and impacts of leachate recirculation. / Sormunen, Kai; Ettala, Matti; Rintala, Jukka.

In: Journal of Hazardous Materials, Vol. 160, No. 2-3, 30.12.2008, p. 601-607.

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

Impact of crop species on bacterial community structure during anaerobic co-digestion of crops and cow manure. / Wang, Hong; Lehtomäki, Anni; Tolvanen, Katariina; Puhakka, Jaakko; Rintala, Jukka.

In: Bioresource Technology, Vol. 100, No. 7, 04.2009, p. 2311-2315.

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

Biogas production from boreal herbaceous grasses - Specific methane yield and methane yield per hectare. / Seppälä, Mari; Paavola, Teija; Lehtomäki, Anni; Rintala, Jukka.

In: Bioresource Technology, Vol. 100, No. 12, 06.2009, p. 2952-2958.
Research output: Contribution to journal > Article > Scientific > peer-review

Weathering of gasification and grate bottom ash in anaerobic conditions. / Sivula, Leena; Ilander, Aki; Väisänen, Ari; Rintala, Jukka.

In: Journal of Hazardous Materials, Vol. 174, No. 1-3, 15.02.2010, p. 344-351.
Research output: Contribution to journal > Article > Scientific > peer-review

Effect of micro-aeration and leachate replacement on COD solubilization and VFA production during mono-digestion of grass-silage in one-stage leach-bed reactors. / Jagadabhi, Padma Shanthi; Kaparaju, Prasad; Rintala, Jukka.

In: Bioresource Technology, Vol. 101, No. 8, 04.2010, p. 2818-2824.
Research output: Contribution to journal > Article > Scientific > peer-review

Two-stage anaerobic digestion of tomato, cucumber, common reed and grass silage in leach-bed reactors and upflow anaerobic sludge blanket reactors. / Jagadabhi, Padma Shanthi; Kaparaju, Prasad; Rintala, Jukka.

In: Bioresource Technology, Vol. 102, No. 7, 04.2011, p. 4726-4733.
Research output: Contribution to journal > Article > Scientific > peer-review

The effect of organic loading rate and retention time on hydrogen production from a methanogenic CSTR. / Pakarinen, O.; Kaparaju, P.; Rintala, J.

In: Bioresource Technology, Vol. 102, No. 19, 10.2011, p. 8952-8957.
Research output: Contribution to journal > Article > Scientific > peer-review

Magnetophoretic harvesting of oleaginous *Chlorella* sp. by using biocompatible chitosan/magnetic nanoparticle composites. / Lee, Kyubock; Lee, So Yeun; Na, Jeong Geol; Jeon, Sang Goo; Praveenkumar, Ramasamy; Kim, Dong Myung; Chang, Won Seok; Oh, You Kwan.

In: Bioresource Technology, Vol. 149, 12.2013, p. 575-578.
Research output: Contribution to journal > Article > Scientific > peer-review

Repeated use of stable magnetic flocculant for efficient harvest of oleaginous *Chlorella* sp. / Lee, Kyubock; Lee, So Yeun; Praveenkumar, Ramasamy; Kim, Bohwa; Seo, Jung Yoon; Jeon, Sang Goo; Na, Jeong Geol; Park, Ji Yeon; Kim, Dong Myung; Oh, You Kwan.

In: Bioresource Technology, Vol. 167, 2014, p. 284-290.
Research output: Contribution to journal > Article > Scientific > peer-review

Software design for simulating microbial bioprocesses in bioreactor. / Nikhil, ; Puhakka, J. A.; Visa, A.; Yli-Harja, O. 6th International Conference on Environmental Informatics, ISEIS 2007. International Society for Environmental Information Sciences, 2014. 60700018.

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

Improved biomass and lipid production in a mixotrophic culture of *Chlorella* sp. KR-1 with addition of coal-fired flue-gas. / Praveenkumar, Ramasamy; Kim, Bohwa; Choi, Eunji; Lee, Kyubock; Park, Ji Yeon; Lee, Jin Suk; Lee, Young Chul; Oh, You Kwan.

In: Bioresource Technology, Vol. 171, 01.11.2014, p. 500-505.
Research output: Contribution to journal > Article > Scientific > peer-review

Combination of a novel electrode material and artificial mediators to enhance power generation in an MFC. / Taskan, Ergin; Özkaya, Bestemin; Hasar, Halil.

In: Water Science and Technology, Vol. 71, No. 3, 2015, p. 320-328.
Research output: Contribution to journal > Article > Scientific > peer-review

Fungal treatment of landfill mining fine fraction to increase its stability and end-use potential. / Palmroth, Marja Riitta Tuulikki; Mönkäre, Tiina Johanna; Steffen, Kari T.

Book of abstracts of the 6th European Bioremediation Conference. ed. / Nicolas Kalogerakis; Fabio Fava; Elena Manousaki. 2015. p. 47 169.
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Metals removal and recovery in bioelectrochemical systems : A review. / Nancharaiah, Y. V.; Venkata Mohan, S.; Lens, P.N.L.

In: *Bioresource Technology*, Vol. 195, 2015, p. 102-114.

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

Struvite precipitation in raw and co-digested swine slurries for nutrients recovery in batch reactors. / Taddeo, Raffaele; Lepistö, Raghida.

In: *Water Science and Technology*, Vol. 71, No. 6, 2015, p. 892-897.

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

Fluidized-bed denitrification of mining water tolerates high nickel concentrations. / Zou, G.; Papirio, S.; van Hullebusch, E. D.; Puhakka, J. A.

In: *Bioresource Technology*, Vol. 179, 01.03.2015, p. 284-290.

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

Lipid production by eukaryotic microorganisms isolated from palm oil mill effluent. / Marjakangas, Jatta M.; Lakaniemi, Aino Maija; Koskinen, Perttu E. P.; Chang, Jo Shu; Puhakka, Jaakko A.

In: *Biochemical Engineering Journal*, Vol. 99, 05.07.2015, p. 48-54.

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

Effects of anode potentials on bioelectrogenic conversion of xylose and microbial community compositions. / Kokko, Marika E.; Mäkinen, Annukka E.; Sulonen, Mira L K; Puhakka, Jaakko A.

In: *Biochemical Engineering Journal*, Vol. 101, 05.09.2015, p. 248-252.

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

Cultivation of *Nannochloropsis* for eicosapentaenoic acid production in wastewaters of pulp and paper industry. /

Polishchuk, Anna; Valev, Dimitar; Tarvainen, Marko; Mishra, Sujata; Kinnunen, Viljami; Antal, Taras; Yang, Baoru; Rintala, Jukka; Tyystjärvi, Esa.

In: *Bioresource Technology*, Vol. 193, 01.10.2015, p. 469-476.

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

Airtightness of residential buildings in Finland. / Vinha, Juha; Manelius, Elina; Korpi, Minna; Salminen, Kati; Kurnitski, Jarek; Kiviste, Mihkel; Laukkarinen, Anssi.

In: *Building and Environment*, Vol. 93, No. P2, 01.11.2015, p. 128-140.

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

Simultaneous nutrient removal and lipid production with *Chlorella vulgaris* on sterilized and non-sterilized anaerobically pretreated piggery wastewater. / Marjakangas, Jatta M.; Chen, Chun Yen; Lakaniemi, Aino Maija; Puhakka, Jaakko A.; Whang, Liang Ming; Chang, Jo Shu.

In: *Biochemical Engineering Journal*, Vol. 103, 05.11.2015, p. 177-184.

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

Cell-wall disruption and lipid/astaxanthin extraction from microalgae : *Chlorella* and *Haematococcus*. / Kim, Dong Yeon; Vijayan, Durairaj; Praveenkumar, Ramasamy; Han, Jong In; Lee, Kyubock; Park, Ji Yeon; Chang, Won Seok; Lee, Jin Suk; Oh, You Kwan.

In: *Bioresource Technology*, Vol. 199, 2016, p. 300-310.

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

Composites of high-temperature thermomechanical pulps and polylactic acid. / Solala, Iina; Koistinen, Antti; Siljander, Sanna; Vuorinen, Jyrki; Vuorinen, Tapani.

In: *BioResources*, Vol. 11, No. 1, 2016, p. 1125-1140.

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

High efficiency dilute nitride solar cells : Simulations meet experiments. / Tukiainen, A.; Aho, A.; Polojärvi, V.; Ahorinta, R.; Guina, M.

In: Journal of Green Engineering, Vol. 5, No. 3-4, 8, 2016, p. 113-132.
Research output: Contribution to journal > Article > Scientific > peer-review

Agronomic characteristics of five different urban waste digestates. / Tampio, Elina; Salo, Tapio; Rintala, Jukka.
In: Journal of Environmental Management, Vol. 169, 15.03.2016, p. 293-302.
Research output: Contribution to journal > Article > Scientific > peer-review

Release and characteristics of fungal fragments in various conditions. / Mensah-Attipoe, Jacob; Saari, Sampo; Veijalainen, Anna Maria; Pasanen, Pertti; Keskinen, Jorma; Leskinen, Jari T T; Reponen, Tiina.
In: Science of the Total Environment, Vol. 547, 15.03.2016, p. 234-243.
Research output: Contribution to journal > Article > Scientific > peer-review

Effect of heavy metal co-contaminants on selenite bioreduction by anaerobic granular sludge. / Mal, J.; Nancharaiah, Y. V.; van Hullebusch, E. D.; Lens, P. N L.
In: Bioresource Technology, Vol. 206, 01.04.2016, p. 1-8.
Research output: Contribution to journal > Article > Scientific > peer-review

Possible impacts of increasing maximum truck weight: Finland case study. / Nykänen, Lasse ; Liimatainen, Heikki .
Towards innovative freight and logistics: Research for innovative transports set . ed. / Corinne Blanquart; Uwe Clausen; Bernard Jacob. Vol. 2 Great Britain : Wiley-ISTE, 2016. p. 121-133.
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

Hydrothermal carbonization of pulp mill streams. / Wikberg, Hanne; Ohra-aho, Taina; Honkanen, Mari; Kanerva, Heimo; Harlin, Ali; Vippola, Minnamari; Laine, Christiane.
In: Bioresource Technology, Vol. 212, 01.07.2016, p. 236-244.
Research output: Contribution to journal > Article > Scientific > peer-review

Methodological approaches for fractionation and speciation to estimate trace element bioavailability in engineered anaerobic digestion ecosystems : An overview. / van Hullebusch, Eric D.; Guibaud, Gilles; Simon, Stéphane; Lenz, Markus; Yekta, Sepehr Shakeri; Feroso, Fernando G.; Jain, Rohan; Duyster, Lars; Roussel, Jimmy; Guillon, Emmanuel; Skyllberg, Ulf; Almeida, C. Marisa R; Pechaud, Yoan; Garuti, Mirco; Frunzo, Luigi; Esposito, Giovanni; Carliell-Marquet, Cynthia; Ortner, Markus; Collins, Gavin.
In: Critical Reviews in Environmental Science and Technology, Vol. 46, No. 16, 17.08.2016, p. 1324-1366.
Research output: Contribution to journal > Article > Scientific > peer-review

Recent advances in nutrient removal and recovery in biological and bioelectrochemical systems. / Nancharaiah, Y. V.; Venkata Mohan, S.; Lens, P. N L.
In: Bioresource Technology, Vol. 215, 09.2016, p. 173-185.
Research output: Contribution to journal > Review Article > Scientific > peer-review

Long-term stability of bioelectricity generation coupled with tetrathionate disproportionation. / Sulonen, Mira L K; Lakaniemi, Aino Maija; Kokko, Marika E.; Puhakka, Jaakko A.
In: Bioresource Technology, Vol. 216, 01.09.2016, p. 876-882.
Research output: Contribution to journal > Article > Scientific > peer-review

Mitigation of propylene glycol emissions to groundwater and soil. / Palmroth, Marja Riitta Tuulikki; Pispala, Lassi; Kettunen, Riitta Helena; Hänninen, Tuija; Rintala, Jukka Antero.
2016. 191 Paper presented at Nordrocs 2016, 6th Joint Nordic Meeting on Remediation of Contaminated Sites, Espoo, Finland.
Research output: Other conference contribution > Paper, poster or abstract > Scientific

Sustainable nutrients recovery and recycling by optimizing the chemical addition sequence for struvite precipitation from raw swine slurries. / Taddeo, Raffaele; Kolppo, Kari; Lepistö, Raghida.
In: Journal of Environmental Management, Vol. 180, 15.09.2016, p. 52-58.
Research output: Contribution to journal > Article > Scientific > peer-review

Performance of a sonic jet-type charger in high dust load. / Laitinen, A.; Keskinen, J.

In: *Journal of Electrostatics*, Vol. 83, 01.10.2016, p. 1-6.

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

Magnesium aminoclay enhances lipid production of mixotrophic *Chlorella* sp. KR-1 while reducing bacterial populations. / Kim, Bohwa; Praveenkumar, Ramasamy; Lee, Jiye; Nam, Bora; Kim, Dong Myung; Lee, Kyubock; Lee, Young Chul; Oh, You Kwan.

In: *Bioresource Technology*, Vol. 219, 01.11.2016, p. 608-613.

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

Mild pressure induces rapid accumulation of neutral lipid (triacylglycerol) in *Chlorella* spp. / Ramasamy, Praveen; Kim, Bohwa; Lee, Jiye; Vijayan, Durairaj; Lee, Kyubock; Nam, Bora; Jeon, Sang Goo; Kim, Dong Myung; Oh, You Kwan.

In: *Bioresource Technology*, Vol. 220, 01.11.2016, p. 661-665.

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

The effect of low-temperature pretreatment on the solubilization and biomethane potential of microalgae biomass grown in synthetic and wastewater media. / Kinnunen, V.; Rintala, J.

In: *Bioresource Technology*, Vol. 221, 01.12.2016, p. 78-84.

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

Biological removal of selenate and ammonium by activated sludge in a sequencing batch reactor. / Mal, J.; Nancharaiah, Y. V.; van Hullebusch, E. D.; Lens, P. N.L.

In: *Bioresource Technology*, Vol. 229, 2017, p. 11-19.

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

Cultivation of *Scenedesmus acuminatus* in different liquid digestates from anaerobic digestion of pulp and paper industry biosludge. / Tao, Ran; Lakaniemi, Aino-Maija; Rintala, Jukka A.

In: *Bioresource Technology*, Vol. 245, No. A, 2017, p. 706-713.

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

Fate of metallic engineered nanomaterials in constructed wetlands : prospection and future research perspectives. /

Auvinen, Hannele; Gagnon, Vincent; Rousseau, Diederik P L; du Laing, Gijs.

In: *Reviews in Environmental Science and Bio-Technology*, Vol. 16, No. 2, 2017, p. 207-222.

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

Effects of different nickel species on autotrophic denitrification driven by thiosulfate in batch tests and a fluidized-bed reactor. / Di Capua, Francesco; Milone, Ivana; Lakaniemi, Aino-Maija; Hullebusch, Eric D.van; Lens, Piet N.L.; Esposito, Giovanni.

In: *Bioresource Technology*, Vol. 238, 01.08.2017, p. 534-541.

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

Indoor thermal environment, air exchange rates, and carbon dioxide concentrations before and after energy retro fits in Finnish and Lithuanian multi-family buildings. / Leivo, Virpi; Prasauskas, Tadas; Du, Liuliu; Turunen, Mari; Kiviste, Mihkel; Aaltonen, Anu; Martuzevicius, Dainius; Haverinen-Shaughnessy, Ulla.

In: *Science of the Total Environment*, Vol. 621, 04.2018, p. 398-406.

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

Nutrient management via struvite precipitation and recovery from various agroindustrial wastewaters : Process feasibility and struvite quality. / Taddeo, Raffaele; Honkanen, Mari; Kolppo, Kari; Lepistö, Raghida.

In: *Journal of Environmental Management*, Vol. 212, 15.04.2018, p. 433-439.

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

Effects of wastewater constituents and operational conditions on the composition and dynamics of anodic microbial communities in bioelectrochemical systems. / Kokko, Marika; Epple, Stefanie; Gescher, Johannes; Kerzenmacher, Sven.

In: *Bioresource Technology*, Vol. 258, 01.06.2018, p. 376-389.

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

Radon, fungal spores and MVOCs reduction in crawl space house : A case study and crawl space development by hygrothermal modelling. / Keskkikuru, T.; Salo, J.; Huttunen, P.; Kokkoti, H.; Hyttinen, M.; Halonen, R.; Vinha, J.
In: Building and Environment, Vol. 138, 15.06.2018, p. 1-10.

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

Performance of a biotrickling filter for the anaerobic utilization of gas-phase methanol coupled to thiosulphate reduction and resource recovery through volatile fatty acids production. / Eregowda, Tejaswini; Matanhike, Luck; Rene, Eldon R.; Lens, Piet N.L.

In: Bioresource Technology, Vol. 263, 01.09.2018, p. 591-600.

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

Temperature control as key factor for optimal biohydrogen production from thermomechanical pulping wastewater. / Dessì, Paolo; Porca, Estefania; Lakaniemi, Aino-Maija; Collins, Gavin; Lens, Piet N.L.

In: Biochemical Engineering Journal, Vol. 137, 15.09.2018, p. 214-221.

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

Biological treatment of selenium-laden wastewater containing nitrate and sulfate in an upflow anaerobic sludge bed reactor at pH 5.0. / Tan, Lea Chua; Nancharaiah, Yarlagadda V.; Lu, Shipeng; van Hullebusch, Eric D.; Gerlach, Robin; Lens, Piet N.L.

In: Chemosphere, Vol. 211, 01.11.2018, p. 684-693.

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

Editorial. / Lämsivaara, Tim.

In: Environmental Geotechnics, Vol. 5, No. 6, 17.12.2018.

Research output: Contribution to journal › Editorial › Scientific

Bio-hydrogen Production from Sewage Sludge : Screening for Pretreatments and Semi-continuous Reactor Operation. / El-Qelish, Mohamed; Chatterjee, Pritha; Dessì, Paolo; Kokko, Marika; El-Gohary, Fatma; Abo-Aly, Mohamed; Rintala, Jukka.

In: Waste and Biomass Valorization, 2019.

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

High-solids anaerobic digestion requires a trade-off between total solids, inoculum-to-substrate ratio and ammonia inhibition. / Pastor-Poquet, V.; Papirio, S.; Trably, E.; Rintala, J.; Escudí, R.; Esposito, G.

In: INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 2019.

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

Why social sustainability counts : The impact of corporate social sustainability culture on financial success. / Schönborn, Gregor; Berlin, Cecilia; Pinzone, Marta; Hanisch, Christoph; Georgoulas, Konstantinos; Lanz, Minna.

In: Sustainable Production and Consumption, Vol. 17, 01.01.2019, p. 1-10.

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

Semi-continuous mono-digestion of OFMSW and Co-digestion of OFMSW with beech sawdust : Assessment of the maximum operational total solid content. / Pastor-Poquet, Vicente; Papirio, Stefano; Trably, Eric; Rintala, Jukka; Escudí, Renaud; Esposito, Giovanni.

In: Journal of Environmental Management, Vol. 231, 01.02.2019, p. 1293-1302.

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

Effects of energy retrofits on Indoor Air Quality in multifamily buildings. / Du, Liuliu; Leivo, Virpi; Prasauskas, Tadas; Täubel, Martin; Martuzevicius, Dainius; Haverinen-Shaughnessy, Ulla.

In: Indoor Air, 28.03.2019.

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

Effects of elevated pressures on the activity of acidophilic bioleaching microorganisms. / Hajdu-Rahkama, Réka; Ahoranta, Sarita; Lakaniemi, Aino-Maija; Puhakka, Jaakko A.

In: Biochemical Engineering Journal, Vol. 150, 107286, 15.10.2019.

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

Anaerobic treatment of LCFA-containing synthetic dairy wastewater at 20°C : Process performance and microbial community dynamics. / Singh, Suniti; Rinta-Kanto, Johanna M.; Kettunen, Riitta; Tolvanen, Henrik; Lens, Piet; Collins, Gavin; Kokko, Marika; Rintala, Jukka.

In: Science of the Total Environment, Vol. 691, 15.11.2019, p. 960-968.

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

Power production and microbial community composition in thermophilic acetate-fed up-flow and flow-through microbial fuel cells. / Dessì, Paolo; Chatterjee, Pritha; Mills, Simon; Kokko, Marika; Lakaniemi, Aino-Maija; Collins, Gavin; Lens, Piet N.L.

In: Bioresource Technology, Vol. 294, 122115, 01.12.2019.

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