

**Power production and microbial community composition in thermophilic acetate-fed up-flow and flow-through microbial fuel cells.** / Dessi, 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](#)

**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](#)

**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](#)

**Effects of energy retrofits on Indoor Air Quality in multifamily buildings.** / Du, Liulu; 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](#)

**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; Escudié, 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](#)

**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](#)

**Bio-hydrogen Production from Sewage Sludge : Screening for Pretreatments and Semi-continuous Reactor Operation.** / El-Qelish, Mohamed; Chatterjee, Pritha; Dessi, 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.; Escudié, R.; Esposito, G.

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

Research output: [Contribution to journal](#) > [Article](#) > [Scientific](#) > [peer-review](#)

**Editorial.** / Länsivaara, Tim.

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

Research output: [Contribution to journal](#) > [Editorial](#) > [Scientific](#)

**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](#)

**Temperature control as key factor for optimal biohydrogen production from thermomechanical pulping wastewater.** / Dessi, 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

**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

**Radon, fungal spores and MVOCs reduction in crawl space house : A case study and crawl space development by hygrothermal modelling.** / Kesikuru, 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

**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

**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

**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

**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

**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

**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

**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](#)

**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](#)

**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](#)

**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](#)

**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](#)

**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](#)

**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, Sephehr Shakeri; Feroso, Fernando G.; Jain, Rohan; Duyster, Lars; Roussel, Jimmy; Guillon, Emmanuel; Skjellberg, 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](#)

**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](#)

**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](#)

**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

**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

**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

**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

**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

**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

**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

**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

**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

**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

**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

**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

**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

**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

**Two-stage anaerobic digestion of tomato, cucumber, common reed and grass silage in leach-bed reactors and upflow anaerobic sludge blanket reactors.** / Jagadabhi, Padma Shanthy; 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

**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](#)

**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](#)

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

In: *Bioresource Technology*, Vol. 100, No. 12, 06.2009, p. 2952-2958.

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, Annimari; 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](#)

**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](#)

**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](#)

**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, Annimari; 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](#)

**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](#)

**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](#)

**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](#)

**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](#)

**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](#)