

Gustaf Olsson: Publications

- Åström K. J. & Olsson G. (ed.) (1975). *Activité Report: Automatic Control 1974–1975*. Department of Automatic Control, Lund Institute of Technology (LTH). (Annual Reports TFRT-4007).
- Åström K. J. & Olsson G. (ed.) (1976). *Activité Report: Automatic Control 1975–1976*. Department of Automatic Control, Lund Institute of Technology (LTH). (Annual Reports TFRT-4008).
- Åström K. J. & Olsson G. (ed.) (1978). *Activity Report: Automatic Control 1976–1977*. Department of Automatic Control, Lund Institute of Technology (LTH). (Annual Reports TFRT-4009).
- Åström K. J. & Olsson G. (1977). *Kurser i datorteknik vid LTH*. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7116).
- Åmand L., Olsson G. & Carlsson B. (2013). Aeration control – a review. In: *Water Science and Technology*. 67, 11, pp. 2374–2398.
- Åström K. J. & Olsson G. (ed.) (1974). *Activité Report: Automatic Control 1573–1574*. Department of Automatic Control, Lund Institute of Technology (LTH). (Annual Reports TFRT-4006).
- Ahmad Z. S., Ujang Z., Damayanti A. & Olsson G. (2008). A novel approach for palm oil mill effluent (POME) treatment and recovery using hybrid membrane bioreactor (MBR).
- Alaküla M. & Olsson G. (1996). EHC-Electric Hybrid Vehicle Centre at LTH. (Report TEIE-7102).
- Andersson B., Olsson G. & Holmberg U. (1988). Simultaneous DO Control and Respiration Estimation. *Preprints Water Science Technology*.
- Andersson P., Olsson T., Almqvist M., Zetterqvist L., Axelsson A., Olsson G. & Roxå T. (2003). The Pedagogical Academy – a Way to Encourage and Reward Scholarly Teaching. *Improving Student Learning: Theory and Practice-10 years on*. Rust C. (ed.). The Oxford Centre for Staff and Learning Development, p. 307–314 8 p.
- Andrews J. F. & Olsson G. (1976). *A Computer Based Operational Strategy for the Joint Treatment of Municipal and Industrial Wastewaters*. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7099).
- Andrews J. F., Olsson G. & Hill R. D. (1981). ASCL – An Activated Sludge Process Control Language. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7237).

- Aspegren H., Andersson B., Olsson G. & Jeppsson U. (1990). Practical Full Scale Experiences of the Dynamics of Biological Nitrogen Removal. *Instrumentation, Control and Automation of Water and Wastewater Treatment and Transport Systems*. R. B. (ed.). pp. 283–290.
- Aspegren H., Hellström B.-G. & Olsson G. (1996). The Urban Water System – A Future Perspective. [Publisher information missing].
- Aspegren H., Hellström B. G. & Olsson G. (1997). The Urban Water System – a Future Swedish Perspective. In: *Water Science and Technology*. 35, 9, pp. 33–44.
- Aström K. J., Olsson G., Wittenmark B. & Holst J. (1978). Kursplanrevisioner i reglerteknik. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7135).
- Berg S.-G. & Olsson G. (1995). On-line diagnos av sedimenteringsprocesser. [Publisher information missing].
- Bolmstedt J. & Olsson G. (2004). A benchmark study of controlled emptying of equalization basins. [*Host publication title missing*]. IWA Publishing.
- Bolmstedt J. & Olsson G. (2005). A benchmark study of controlled emptying of equalization basins. In: *Water Science and Technology*. 52, 12, pp. 113–121.
- Capodaglio A. G. & Olsson G. (2020). Energy issues in sustainable urban wastewater management: Use, demand reduction and recovery in the urban water cycle. In: *Sustainability (Switzerland)*. 12, 1, 266.
- Corominas L., Garrido-Baserba M., Villez K., Olsson G., Cortés U. & Poch M. (2018). Transforming data into knowledge for improved wastewater treatment operation: A critical review of techniques. In: *Environmental Modelling and SoRware*. 106, pp. 89–103.
- Dahalan F. A., Abdullah N., Yuzir A., Olsson G., Salmiati X., Hamdzah M., Din M. F. M., Ahmad S. A., Khalil K. A., Anuar A. N., Noor Z. Z. & Ujang Z. (2015). A proposed aerobic granules size development scheme for aerobic granulation process. In: *Bioresource Technology*. 181, pp. 291–296.
- Damayanti A., Ujang Z., Salim R., Ahmad Z. & Olsson G. (2008). Determination of KLa, COD fractionations and Heterotrophic yield of palm oil mill effluent (POME).
- Damayanti A., Ujang Z., Salim M. R. & Olsson G. (2011). The effect of mixed liquor suspended solids (MLSS) on biofouling in a hybrid membrane bioreactor for the treatment of high concentration organic wastewater. In: *Water Science and Technology*. 63, 8, pp. 1701–1706.
- Damayanti A., Ujang Z., Salim M. R., Olsson G. & Sulaiman A. Z. (2010). Respirometric analysis of activated sludge models from palm oil mill effluent, In: *Bioresource Technology*. 101, 1, pp. 144–149.
- de Araujo A. C. B., Gallani S., Mulas M. & Olsson G. (2011). Systematic Approach to the Design of Operation and Control Policies in Activated Sludge Systems. In: *Industrial & Engineering Chemistry Research*. 50, 14, pp. 8542–8557.
- Diehl S., Sparr G. & Olsson G. (1990). Analytical and numerical description of the settling process in the activated sludge operation. *Instrumentation, control, and automation of water and wastewater treatment and transport systems: proceedings of the 5th IAWPRC Workshop held in Yokohama and Kyoto, Japan, 26 July-3 August 1990*. Briggs R. (ed.). Pergamon Press Ltd., pp. 471–478 8 p.
- Din M. F. M., Mohanadoss P., Ujang Z., van Loosdrecht M., Yunus S. M., Chelliapan S., Zambare V. & Olsson G. (2012). Development of Bio-PORec (R) system for polyhydroxyalkanoates (PHA) production and its storage in mixed cultures of palm oil mill effluent (POME). In: *Bioresource Technology*. 124, pp. 208–216.
- Du C., Agneholm E. & Olsson G. (2008). Comparison of different frequency controllers for a VSC-HVDC supplied system. In: *IEEE Transactions on Power Delivery*. 23, 4, pp. 2224–2232.

- Du C., Agneholm E. & Olsson G. (2008). Use of VSC-HVDC for industrial systems having onsite generation with frequency control. In: IEEE Transactions on Power Delivery. 23, 4, pp. 2233–2240.
- Du C., Agneholm E. & Olsson G. (2009). VSC-HVDC System for Industrial Plants With Onsite Generators. In: IEEE Transactions on Power Delivery. 24, 3, pp. 1359–1366.
- Ericson L. & Olsson G. (1996). Load Control using Power Peak Constraints in Energy Intensive Manufacturing. [Publisher information missing].
- Ericson L. & Olsson G. (1996). Synkroniserad realtidsstyrning av processer i industrier med effektbegränsningar. [Publisher information missing].
- Ericson L. & Olsson G. (1997). Synchronisation Control of Unit Operations and Processes in Industrial Plants with Power Constraints. *High technology in the power industry: proceedings of the IASTED international conference, Orlando, Florida, October 27-30, gg7*. pp. 71–76.
- Ericson L. & Olsson G. (1997). Synkroniserad realtidsstyrning av processer i industrier med effektbegränsningar. [Publisher information missing]. (Report; vol. TEIE-7115).
- Ericson L. & Olsson G. (1997). Industrial Control using Productivity and Product Quality Constraints.
- Ericson L., Hemmingsson M. & Olsson G. (1996). Cell Control in Manufacturing-Playing and Learning with Lego Toys. [Publisher information missing].
- Gillblad T. & Olsson G. (1977). Computer control of a medium sized activated sludge plant.
- Gillblad T. & Olsson G. (1978). Implementation Problems for Activated Sludge Controllers. Department of Automatic Control, Lund Institute of Technology, Lund University. 13 p. (Technical Reports TFRT-7137).
- Gillblad T. & Olsson G. (1978). Styrning av avloppsreningsverk. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7151).
- Hansson O. & Olsson G. (1976). Stochastic Modeling and Computer Control of a Full Scale Wastewater Treatment Plant. *Department of Automatic Control, Lund Institute of Technology (LTH)*. (Technical Reports TFRT-7106).
- Hansson O. & Olsson G. (1976). Maximum Likelihood Identification of the Dissolved Oxygen Dynamics of the Käppala Wastewater Treatment Plant. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7094).
- Hansson O. & Olsson G. (1976). Modeling and Identification of an Activated Sludge Process. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7092).
- Hemmingsson M. & Olsson G. (1997). Control and Design Interaction in Hybrid Electric Vehicles. *ISATA-PROCEEDINGS*. pp. 323–330.
- Hemmingsson M., Simonsson B., Alaküla M. & Olsson G. (1997). Control and Design Interaction in Hybrid Electric Vehicles – Benefits of Using Power Electronics. *7th European conference on power electronics and applications*. Vol. 1. pp. 556–569.
- Hultman B. & Olsson G. (1980). Åkeshov-Nockeby Avloppsverk – Studier av metoder att erhålla nitrifikation och en långtgående fosforreduktion. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7235).
- Ingildsen P., Lant P. & Olsson G. (2002). Benchmarking plant operation and instrumentation, control and automation in the wastewater industry. In: *Water Science and Technology: Water Supply*. 2, 4, pp. 163–171.
- Ingildsen P. & Olsson G. (2001). Get more out of your wastewater treatment plant – complexity made simple. Danfoss. 228 p.
- Ingildsen P. & Olsson G. (2002). Exploiting online in-situ ammonium, nitrate and phosphate sensors in full-scale wastewater plant operation. In: *Water Science and Technology*. 46, 4–5, pp. 139–147.

- Ingildsen P., Jeppsson U. & Olsson G. (2002). Dissolved oxygen controller based on on-line measurements of ammonium combining feed-forward and feedback. In: *Water Science and Technology*. 45, 4–5, pp. 453–460.
- Ingildsen P., Olsson G. & Yuan Z. (2002). A hedging point strategy – balancing effluent quality, economy and robustness in the control of wastewater treatment plants. In: *Water Science and Technology*. 45, 4-S, pp. 317–324.
- Ingildsen P., Olsson G. & Jeppsson U. (2000). Using Nutrient Sensors for Estimation and Control of a Full Scale Activated Sludge Process. *Enviro 2000: towards sustainability: four environmental conferences in one: proceedings, 9-13 April 2000*.
- Jeppsson U. & Olsson G. (1993). Reduced Order Models for On-Line Parameter Identification of the Activated Sludge Process. In: *Water Science and Technology*. 28, 11–12, pp. 173–183.
- Kenway S. J., Lam K. L., Stokes-Draut J., Sanders K. T., Binks A. N., Bors J., Head B., Olsson G. & McMahon J. E. (2019 Nov 1). Defining water-related energy for global comparison, clearer communication, and sharper policy. In: *Journal of Cleaner Production*. 236, 117502.
- Larsson M., Hill D. J. & Olsson G. (2002). Emergency voltage control using search and predictive control. In: *International journal of Electrical Power & Energy Systems*. 24, 2, pp. 121–130.
- Li T., Liu Y., Wang C., Olsson G., Wang Z. & Wang H. (2019 Jul 1). Decentralization of the non-capital functions of Beijing: Industrial relocation and its environmental effects. In: *Journal of Cleaner Production*. 224, pp. 545–556 12 p.
- Liu J., Olsson G. & Mattiasson B. (2003). Monitoring of two-stage anaerobic biodegradation using a BOD biosensor. In: *Journal of Biotechnology*. 100, 3, pp. 261–265.
- Liu J., Olsson G. & Mattiasson B. (2004). A volumetric meter for monitoring of low gas flow rate from laboratory-scale biogas reactors. In: *Sensors and Actuators B: Chemical*. 97, 2–3, pp. 369–372.
- Liu J., Olsson G. & Mattiasson B. (2004). Application of ICA technology in anaerobic digestion – an economically competitive approach. *Young Researchers 2004 (Water and Environmental Management Series (WEMS))*. Lens P. & Stuetz R. (eds.). IWA Publishing, pp. 325–332.
- Liu J., Olsson G. & Mattiasson B. (2004). Control of an anaerobic reactor towards maximum biogas production. [*Host publication title missing*]. IWA Publishing.
- Liu J., Olsson G. & Mattiasson B. (2004). Control of an anaerobic reactor towards maximum biogas production. In: *Water Science and Technology*. 50, 11, pp. 189–198.
- Liu J., Olsson G. & Mattiasson B. (2004). Monitoring and control of an anaerobic upflow fixed-bed reactor for high-loading-rate operation and rejection of disturbances. In: *Biotechnology and Bioengineering*. 87, 1, pp. 43–53.
- Liu J., Olsson G. & Mattiasson B. (2004). On-line monitoring of a two-stage anaerobic digestion process using a BOD analyzer. In: *Journal of Biotechnology*. 109, 3, pp. 263–275.
- Liu J., Olsson G. & Mattiasson B. (2004). Short-term BOD (BOD_{st}) as a parameter for on-line monitoring of biological treatment process Part 1. A novel design of BOD biosensor for easy renewal of bio-receptor. In: *Biosensors & Bioelectronics*. 20, 3, pp. 562–570.
- Liu J., Olsson G. & Mattiasson B. (2004). Short-term BOD (BOD_{st}) as a parameter for on-line monitoring of biological treatment process. Part II: Instrumentation of integrated flow injection analysis (FIA) system for BOD_{st} estimation. In: *Biosensors & Bioelectronics*. 20, 3, p. 571–578.

- Liu J., Olsson G. & Mattiasson B. (2004). Towards an Economically Competitive Anaerobic Degradation Process – an ICA Approach. *Proc. of 10th IWA World Congress on Anaerobic Digestion 2004 (AD10)*. pp. 65–71.
- Liu J., Olsson G. & Mattiasson B. (2006). Extremum-seeking with variable gain control for intensifying biogas production in anaerobic fermentation. In: *Water Science and Technology*. 53, 4-S, pp. 35–44.
- Liu J., Olsson G. & Mattiasson B. (2005). Extremum-seeking with variable gain control for intensifying biogas production in anaerobic fermentation. [*Host publication title missing*]. IWA Publishing.
- Liu J., Olsson G. & Mattiasson B. (2004). On-line monitoring of a two-stage anaerobic digestion process using a BOD-analyzer. [*Host publication title missing*]. IWA Publishing.
- Liu X., Olsson G. & Yuan Z. (2013). In search of optimal aeration profiles in a plug-flow biological wastewater treatment reactor: A theoretical approach.
- Ingildsen P., Jeppsson U. & Olsson G. (2002). Dissolved oxygen controller based on on-line measurements of ammonia combining feed-forward and feedback. In: *Water Science and Technology*. 45, 4–5, pp. 453–460.
- Ma S., Zeng S., Dong X., Chen J. & Olsson G. (2014). Short-term prediction of influent flow rate and ammonia concentration in municipal wastewater treatment plants. In: *Frontiers of Environmental Science and Engineering in China*. 8, 1, pp. 128–136.
- Ma S., Zeng S., Dong X., Chen J. & Olsson G. (2015). Modification of the activated sludge model for chemical dosage. In: *Frontiers of Environmental Science and Engineering in China*. 9, 4, pp. 694–701.
- Mannina G., Capodici M., Cosenza A., Di Trapani D. & Olsson G. (2017 Oct). Greenhouse gas emissions and the links to plant performance in a fixed-film activated sludge membrane bioreactor – Pilot plant experimental evidence. In: *Bioresource Technology*. 241, p. 1145–1151.
- Mannina G., Ekama G., Caniani D., Cosenza A., Esposito G., Gori R., Garrido-Baserba M., Rosso D. & Olsson G. (2016). Greenhouse gases from wastewater treatment – A review of modelling tools. In: *Science of the Total Environment*. 551–552, pp. 254–270.
- Mannina G., Ni B. J., Ferreira Rebouças T., Cosenza A. & Olsson G. (2020 Apr). Minimizing membrane bioreactor environmental footprint by multiple objective optimization. In: *Bioresource Technology*. 302, 122824.
- Misiunas D. & Olsson G. (2004). Monitoring and early warning of pipe failure in water distribution systems – motivation and approaches. [*Host publication title missing*]. IWA Publishing.
- Misiunas D. & Olsson G. (2004). Optimal pressure monitoring site positioning for burst detection and location in water distribution networks. [*Host publication title missing*]. IWA Publishing.
- Misiunas D., Lambert M., Simpson A. & Olsson G. (2005). Burst detection and location in water distribution networks. *Water Supply*. IWA Publishing, Vol. 5. pp. 71–80.
- Misiunas D., Lambert M., Simpson A. & Olsson G. (2005). Burst detection and location in water transmission pipelines. *EWRI 2005: impacts of Global Climate Change*.
- Misiunas D., Lambert M., Simpson A. & Olsson G. (2005). Condition assessment of water transmission pipelines using hydraulic transients.
- Misiunas D., Lambert M., Simpson A. & Olsson G. (2005). Burst detection and location in water distribution networks. In: *Water Science and Technology: Water Supply*. 5, 3–4, pp. 71–80.
- Misiunas D., Lambert M., Simpson A. & Olsson G. (2007). Assessing water mains condition using hydraulic transients. In: *Proceedings of the Institution of Civil Engineers. Water Management*. 160, 2, pp. 89–94.

- Misiunas D., Simpson A., Lambert M. & Olsson G. (2005). Hydraulic transients for diagnosis of inline valves in water transmission pipelines.
- Misiunas D., Vitkovsky J., Olsson G., Simpson A. & Lambert M. (2003). Pipeline burst detection and location using a continuous monitoring technique. *Advances in Water Supply Management: Proceedings of the Ccwi'03 Conference, London, 15-17 September 2003*. Taylor & Francis, pp. 89–96.
- Misiunas D., Vitkovsky J. P., Olsson G., Simpson A. & Lambert M. (2005). Failure monitoring in water distribution networks. [Host publication title missing]. IWA Publishing.
- Misiunas D., Vitkovsky J., Olsson G., Simpson A. & Lambert M. (2005). Pipeline break detection using pressure transient monitoring. In: *Journal of Water Resources Planning and Management*. 131, 4, pp. 316–325.
- Misiunas D., Vitkovsky J., Olsson G., Lambert M. & Simpson A. (2006). Failure monitoring in water distribution networks. In: *Water Science and Technology*. 53, 4–5, p. 503–511.
- Misiunas D., Vitkovsky J., Olsson G., Lambert M. & Simpson A. (2004). Burst detection and location in pipe networks using a continuous monitoring technique. *The Practical Application of Surge Analysis for Design and Operation – Proceedings of the 9th International Conference on Pressure Surges 2004*. [Publisher information missing], p. BH R Group.
- Mutamim N. S. A., Noor Z. Z., Abu Hassan M. A. & Olsson G. (2012). Application of membrane bioreactor technology in treating high strength industrial wastewater: a performance review. In: *Desalination*. 305, pp. 1–11.
- Mutamim N. S. A., Noor Z. Z., Abu Hassan M. A., Yuniarto A. & Olsson G. (2013). Membrane bioreactor: Applications and limitations in treating high strength industrial wastewater. In: *Chemical Engineering Journal*. 225, pp. 109–119.
- Nilsson K., Johansson R., Bolmsjö G. & Olsson G. (1996). Experimental Industrial Robotics. *Conference on Decision and Control*. IEEE – Institute of Electrical and Electronics Engineers Inc., pp. 3904–3909.
- Nor-Anuar A., Ujang Z., van Loosdrecht M. C. M., de Kreuk M. K. & Olsson G. (2012). Strength characteristics of aerobic granular sludge. In: *Water Science and Technology*. 65, 2, pp. 309–316.
- Olsson G. & Åström K. J. (ed.) (1969). Final Report for Project Process Control 1.7 1968 – 30.6 1969. *Department of Automatic Control, Lund Institute of Technology (LTH)*. (Annual Reports TFRT-4001).
- Olsson G. & Åström K. J. (ed.) (1973). Process Control 1572–1973: Final Report. Department of Automatic Control, Lund Institute of Technology (LTH). (Annual Reports TFRT-4005).
- Olsson G. (ed.) (1970). Master's Theses in Automatic Control 1965–1970 (Examensarbeten 1965–70). Department of Automatic Control, Lund Institute of Technology (LTH). 150 p. (Reports TFRT-4201).
- Olsson G. & Andrews J. F. (1977). Estimation and Control of Biological Activity in the Activated Sludge Process Using Dissolved Oxygen Measurements. *IFAC Symposium on Environmental Systems Planning, Design and Control, Kyoto, Japan, 1–5 August*. pp. 745–755 (IFAC Proceedings Volumes; vol. 10, no. 7).
- Olsson G. & Andrews J. F. (1978). The Dissolved Oxygen Profile: A Valuable Tool for Control of the Activated Sludge Process. In: *Water Research*. 12, 11, pp. 985–1004.
- Olsson G. & Chapman D. (1985). Modelling the Dynamics of Clarifier Behaviour in Activated Sludge Systems: Proceedings of the 4th IAWPRC Workshop Held in Houston and Denver, U.S.A., 27 April – 4 May 1985. *Instrumentation and Control of Water and Wastewater Treatment and Transport Systems*. Drake R. A. R. (ed.). Elsevier, pp. 405–412.

- Olsson G. & Hoist J. (1973). A Comparative Study of Suboptimal Filters for Parameter Estimation. Department of Automatic Control, Lund Institute of Technology (LTH). (Research Reports TFRT-3057).
- Olsson G. & Holmberg U. (1985). Simultaneous On-Line Estimation of Oxygen Transfer Rate and Respiration Rate. pp. 205–209.
- Olsson G. & Ingildsen P. (2003). Automation in wastewater treatment plants.
- Olsson G. & Jacobsen B. N. (2008). Water and Energy Workshop. (Unpublished).
- Olsson G. & Jeppsson U. (1994). Establishing Cause-Effect Relationships in Activated Sludge Plants – what Can Be Controlled. *Eight forum for applied biotechnology: 28–30 september 1994: proceedings, part I-II (Meddelingen faculteit landbouwkundige en toegepaste biologische wetenschappen (59(4a-b))*. pp. 2057–2070.
- Olsson G. & Jeppsson U. (1994). Modelling, Simulation, and Identification Technologies.
- Olsson G. & Jeppsson U. (2005). Plant wide control – dream, necessity or reality? (*Host publication title missing*). IWA Publishing.
- Olsson G. & Newell B. (1997). Talking of RAS (Reviewing, Speculating, Assessing). (Unpublished).
- Olsson G. & Newell B. (1999). Wastewater Treatment Systems: Modelling: Diagnosis and Control. IWA Publishing.
- Olsson G. & Newell B. (2005). Wastewater Treatment Systems. Modelling, Diagnosis and Control. Korean translation. [Publisher information missing].
- Olsson G. & Newell R. B. (1998). Reviewing, assessing and speculating. *Water Science and Technology*, 37, 12, pp. 397–401.
- Olsson G. & Piani G. (1992). Computer Systems for Automation and Control. Prentice-Hall. 428 p. (Prentice-Hall international series in systems and control engineering).
- Olsson G. & Piani G. (1993). Steuern, Regeln, Automatisieren – Theorie und Praxis der Prozessleittechnik. Prentice-Hall. 577 p.
- Olsson G. & Piani G. (2000). Computer Systems for Automation and Control. IEA, LTH, Box 118, SE-221 00 Lund, Sweden.
- Olsson G. & Piani G. (2001). Computer Systems for Automation and Control. Невский диалект / Nevskij dialekt. 556 p.
- Olsson G. & Rosén C. (2003). Industrial Automation – Applications, Structures and Systems. [Publisher information missing].
- Olsson G. & Rosén C. (2005). Industrial automation: applications, structures and systems. Department of Industrial Electrical Engineering and Automation, Lund Institute of Technology. 646 p.
- Olsson G. & Rosén C. (2006). Automation in Wastewater Treatment. *Control Systems, Robotics, and Automation (Encyclopedia of Life Support Systems (EOLSS))*. Unbehauen H. (ed.). Eolss Publishing CO. Ltd.
- Olsson G. & Samuelsson O. (1996). Star- och simuleringsmöjligheter i ett automatiserat distributionsnät. [Publisher information missing].
- Olsson G. & Stephenson J. (1985). The Propagation of Hydraulic Disturbances and Flow Rate Reconstruction in Activated Sludge Plants. In: *Environmental Technology Letters*. 6, pp. 536–545.
- Olsson G. & Wieslander J. (1969). Evaluation of Process Computers. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7176).
- Olsson G. & Zabbey N. (2012). Water footprint of oil exploration – a case study from the Niger Delta.
- Olsson G. (1969). Digital Simulation of Spatial Xenon Oscillations. Department of Automatic Control, Lund Institute of Technology (LTH). (Research Reports TFRT-3014).
- Olsson G. (1969). Spatial Xenon Instabilité in Thermal Reactors. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7005).

- Olsson G. (1970). Simplified models of xenon spatial oscillations. In: Atomkernenergie. 16, 2, pp. 91–98.
- Olsson G. (1972). Power-Nuclear Plants. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7023).
- Olsson G. (1973). Modeling and Identification of Nuclear Power Reactor Dynamics from Multivariable Experiments. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7030).
- Olsson G. (1973). Möte med representanter för kraftindustrin på Sydskraft, Malmö den 1972-11-01. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7047).
- Olsson G. (1974). Instrumentation and Control for Wastewater Treatment Systems: Reseberättelse från konferens i London och Paris 17–21 september 1973. Department of Automatic Control, Lund Institute of Technology (LTH). (Travel Reports TFRT-8010).
- Olsson G. (1974). Measurement and Control in Chemical and Environmental Engineering. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7040).
- Olsson G. (1975). Activated Sludge Dynamics I: Biological Models. Department of Automatic Control, Lund Institute of Technology (LTH). (Research Reports TFRT-3121).
- Olsson G. (1975). Modeling and Identification of a Nuclear Reactor. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-707S).
- Olsson G. (1975). Visit to the USA: 20 september – 5 October, 1974. Department of Automatic Control, Lund Institute of Technology (LTH). (Travel Reports TFRT-8018).
- Olsson G. (1976). Activated Sludge Dynamics: Static Analysis. Department of Automatic Control, Lund Institute of Technology (LTH). (Research Reports TFRT-3129).
- Olsson G. (1976). Besök vid Bilspeditionskoncernen 1 april 1976. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7101).
- Olsson G. (1976). Estimation and Identification Problems in Wastewater Treatment. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7111).
- Olsson G. (1976). Modeling and Identification of a Nuclear Reactor. *System Identification Advances and Case Studies*. Mehra R. K. & Lainiotis D. G. (eds.). Academic Press, pp. 519–593 (Mathematics in Science and Engineering; vol. 126).
- Olsson G. (1976). Rapport från en resa till USA 24 juni 1975 – 24 januari 1976. Department of Automatic Control, Lund Institute of Technology (LTH). (Travel Reports TFRT-8021).
- Olsson G. (1976). State of the Art in Sewage Treatment Plant Control. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7093).
- Olsson G. (1976). State of the Art in Sewage Treatment Plant Control. In: AIChE Symposium Series. 72, 159, pp. 52–76.
- Olsson G. (1978). Automatic Control in Combined Wastewater Treatment Plants. Department of Automatic Control, Lund Institute of Technology, Lund University. (Technical Reports TFRT-7141).
- Olsson G. (1978). Experiences Suedoises relatives à l'instrumentation et à la regulation en stations d'épuration. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7159).

- Olsson G. (1978). Processreglering i reningsverk – en översikt. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7160).
- Olsson G. (1978). Swedish Experiences of Instrumentation and Control of Wastewater Treatment Plants. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7158).
- Olsson G. (1978). Instrumentation and Control of Wastewater Treatment Plants in the USA. Mar, Department of Automatic Control, Lund Institute of Technology, Lund University. 13 p. (Technical Reports TFRT-7136).
- Olsson G. (1979). Modeling and Control of the Activated Sludge Process. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7174).
- Olsson G. (1980). Automatic Control in Wastewater Treatment Plants. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7199).
- Olsson G. (1980). Automatic Control in Wastewater Treatment Plants. In: La tribune du CEBEDEAU. 33, 436, pp. 121–130.
- Olsson G. (1980). Datakraft vid några europeiska och amerikanska universitet – rapport från studieresor hösten 1979. Department of Automatic Control, Lund Institute of Technology (LTH). (Travel Reports TFRT-8027).
- Olsson G. (1980). LDC modell 80? – Datakraft vid Lunds Datacentral och Lunds Universitet under 80-talet: Utredning på uppdrag av Datorstyrelsen vid Lunds universitet 1975–80. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7193).
- Olsson G. (1980). Modeling and Control of the Activated Sludge Process. *Computer Applications to Chemical Engineering*. Squires R. G. & Reklaitis G. V. (eds.). The American Chemical Society (ACS), pp. 367–382 (ACS Symposium Series; vol. 124).
- Olsson G. (1985). Modelling the Dynamics of Clarifies Behaviour in Activated Sludge Systems. *Instrumentation and Control of Water and Wastewater Treatment and Transport Systems*. Drake R. A. R. (ed.). Elsevier.
- Olsson G. (1985). Störningar och Dynamik i Reningsverk. Statens naturvårdsverk. 43 p. (SWEP, Sewage Works Evaluation Project (SNV PM); vol. 65).
- Olsson G. (1986). Processteknik–Modellering, simulering och estimering.
- Olsson G. (1987). Automation of Wastewater Treatment Plants.
- Olsson G. (1987). Dynamic Modelling, Estimation and Control of Activated Sludge Systems.
- Olsson G. (1995). Automatiserad elkraftdistribution (AED) – En internationell utblick. [Publisher information missing].
- Olsson G. (1995). Integrated Wastewater Management. Seminar at COST meeting in San Sebastian, Spain. Overhead slides. [Publisher information missing].
- Olsson G. (1996). Automatiserad elkraft distribution (AED) en internationell utblick. [Publisher information missing].
- Olsson G. (1996). Control and Operation of Wastewater Treatment Systems. The STAMP program in Lund-Malmö Progress from April 1993 to October 1994. [Publisher information missing].
- Olsson G. (1996). Forskning under perioden 1591–1953, Lund-Malmö-konsortiet. Styrning av Reningsverk. STAMP-programmet. [Publisher information missing].
- Olsson G. (1996). Framtida lösningar och drift av avloppssystem. Minnesanteckningar från diskussionsdag 6 mars 1996. [Publisher information missing].
- Olsson G. (1996). Programmable Controllers. *Control Handbook*. Levine W. (ed.). CRC Press, p. 345.
- Olsson G. (1996). Tal till de nya civilingenjörerna M, LTH den 19 november 1594. [Publisher information missing].

- Olsson G. (1996). Tal till studenterna vid Högskolan i Karlskrona-Ronneby 1994. [Publisher information missing].
- Olsson G. (1996). Tal till studenterna vid Högskolan i Karlskrona-Ronneby 1993. [Publisher information missing].
- Olsson G. (1996). The Stamp Program. [Publisher information missing].
- Olsson G. (1997). Control and Automation of Wastewater Treatment Plants. [Publisher information missing].
- Olsson G. (1997). Reglering och styrning i tillverkningsindustrin. [Publisher information missing].
- Olsson G. (1997). Control and Automation of Wastewater Treatment Plants.
- Olsson G. (1998). Process Control in Biological Wastewater Treatment. *Dynamics and Control of Wastewater Systems*. Barnett M. W. (ed.). Technomic Publ. Co., Lancaster, Pennsylvania, USA.
- Olsson G. (1998). Waste Treatment, Activated Sludge, Control Strategies. *Encyclopedia of Bioprocess Technology. Fermentation, Biocatalysis and Bioseparation*. John Wiley & Sons Inc.
- Olsson G. (2000). Control Problems in Industry. In: *Automatica*. 36, 3, pp. 481–483.
- Olsson G. (2002). Lessons learnt at ICA2001. IWA Conference on Instrumentation, Control and Automation. In: *Water Science and Technology*. 45, 4-S, pp. 1–8.
- Olsson G. (2003). Operation and control of water and wastewater treatment plants.
- Olsson G. (2004). Instrumentation, Control and Automation – Key Elements of Water and Wastewater Treatment. *International Water Association Yearbook 2004*. Heyward K. (ed.). IWA Publishing, pp. 60–63.
- Olsson G. (2005). Instrumentation, control and automation in the water industry – state of the art and new challenges. [Host publication title missing]. IWA Publishing.
- Olsson G. (2005). Programmable Controllers. *The Control Handbook*. Levine W. S. (ed.). Jaico Publishing House.
- Olsson G. (2006). Automation development in water and wastewater industry. *Proceeding of First Mediterranean Congress Chemical Engineering for the Environment: 4–6 October 2006, San Servolo, Venice*.
- Olsson G. (2006). Instrumentation, control and automation in the water industry – state-of-the-art and new challenges CD. In: *Water Science and Technology*. 53, 4–5, pp. 1–16.
- Olsson G. (2007). Strategies to close water supply and demand gap. In: *Water Science and Technology: Water Supply*. 7, 4, pp. 103–110.
- Olsson G. (2007). Automation development in water and wastewater systems.
- Olsson G. (2008). Automation in Water and Wastewater systems.
- Olsson G. (2008). Automation in Water and Wastewater svstems. *Asian Water*, July/August.
- Olsson G. (2008). Effektivare reningsverk. Några steg mot bättre energi- och resursutnyttjande. *Svenskt Vatten*. 56 p. (Svenskt Vatten Utveckling; vol. 2008:19).
- Olsson G. (2008). Process Control. *Biological Wastewater Treatment – Principles, Modelling and Design*. Henze M., van Loosdrecht M. C. M., Ekama G. & Brdjanovic D. (eds.). IWA Publishing, pp. 393–414.
- Olsson G. (2008). Research needs in water modelling. *Proceedings of the iEMSs Fourth Biennial Meeting: International Congress on Environmental Modelling and SoRware (iEMSs 2008)*. Sánchez-Marrè M., Xavier Béjar J., Rizzoli Comas A. E. & Guariso G. (eds.). International Environmental Modelling and Software Society, p. 12-US.
- Olsson G. (2008). Water – energy linkages and technology challenges. *International conference and expo on environmental management and technology (ICEEMAT 2008), 2008 [held on] 10–12 December 2008 [at] Putra World Trade Centre, Kuala Lumpur*. Universiti Teknologi Malaysia.

- Olsson G. (2008). Water – energy linkages and technology challenges.
- Olsson G. (2008). Water and Energy – the basis for our survival.
- Olsson G. (2009). The water and energy nexus – technology challenges and solutions.
- Olsson G. (2009). Water and energy – messages to COP15. Consensus from the IWA conference on Water and Energy.
- Olsson G. (2010). Programmable Controllers. *The Control Handbook*. Levine W. (ed.). CRC Press, p. 17:1–17:31.
- Olsson G. 2010. Process Control. *Information Technology in Water and Wastewater Utilities WEF Manual of Practice No. 33*. McGraw-Hill.
- Olsson G. (2010). Water and Energy efficiency – a close link.
- Olsson G. (2012). ICA and me – A subjective review. In: *Water Research*. 46, 6, pp. 1585–1624.
- Olsson G. (2012). Water and Energy – Threats and Opportunities. IWA Publishing. 294 p.
- Olsson G. (2012). Water and Energy Nexus. *Encyclopedia of Sustainability Science and Technology*. Meyers R. A. (ed.). Springer, pp. 11932–11946.
- Olsson G. (2012). Water and Wastewater Operation: Instrumentation, Monitoring, Control and Automation. *Encyclopedia of Sustainability Science and Technology*. Meyers R. A. (ed.). Springer, pp. 11946–11960.
- Olsson G. (2012). Water – the hidden cost of energy.
- Olsson G. (2012). Water and energy couplings – modelling, monitoring and control challenges.
- Olsson G. (2012). Water and energy interactions – challenges and opportunities for both Europe and China.
- Olsson G. (2013). Process Control. *Tuning Biological Nutrient Removal Plants*. Hartley K. (ed.). IWA Publishing, pp. 171–196.
- Olsson G. (2013). The demand for holistic solutions. In: *Asian Water*. 29, 1, pp. 13–17.
- Olsson G. (2013). The Potential of Control and Monitoring. *Source Separation and Decentralization for Wastewater Management..* Larsen T. A., Udert K. M. & Lienert J. (eds.). IWA Publishing, pp. 179–191.
- Olsson G. (2013). Water, energy and food interactions-Challenges and opportunities. In: *Frontiers of Environmental Science and Engineering in China*. 7, S, pp. 787–793.
- Olsson G. (2017). Programmable controllers. *The Control Handbook: Control System Fundamentals, Second Edition*. CRC Press, pp. 17-1–17-32.
- Olsson G. (2019). Controlling Urban Drainage Systems. *New Trends in Urban Drainage Modelling – UDIVI 2018*. Mannina G. (ed.). Springer, pp. 191–206 (Green Energy and Technology).
- Olsson G. (2021). Urban water supply automation – Today and tomorrow. In: *Aqua: Water Infrastructure, Ecosystems and Society*. 70, 4, pp. 420–437 18 p.
- Olsson G., Aspegren H. & Nielsen M. K. (1998). Operation and Control of Wastewater Treatment - A Scandinavian Perspective over 20 years. In: *Water Science and Technology*. 37, 12, pp. 1–13.
- Olsson G., Carlsson B., Comas J., Copp J., Gernaey K. V., Ingildson P., Jeppsson U., Kim C., Rieger L., Rodriguez-Roda I., Steyer J-P., Takács I., Vanrolleghem P. A., Vargas Casillas A., Yuan Z. & Åmand L. (2014). Instrumentation, Control and Automation in wastewater – from London 1973 to Narbonne 2013. In: *Water Science and Technology*. 69, 7, pp. 1373–1385.
- Olsson G., Chapman D. & Stephenson J. (1986). Computer Detection of the Impact of Hydraulic Shocks on Plant Performance. In: *Journal of Water Pollution Control Federation*. 58, 10, pp. 954–959.

- Olsson G., Cohen A. I. & Rao H. S. (1981). An approach to air-fuel ratio control for automobile engines using self-tuning regulators. *20th IEEE Conference on Decision and Control including the Symposium on Adaptive Processes*. pp. 1431–1437.
- Olsson G., Eklund K., Dahlqvist K. I. & Ulmgren L. (1973). Control Problems in Wastewater Treatment Plants. Department of Automatic Control, Lund Institute of Technology (LTH). (Research Reports TFRT-3064).
- Olsson G., Holmberg U. & Wikström A. (1985). A Model Library for Dynamic Simulation of Activated Sludge Systems. *Instrumentation and Control of Water and Wastewater Treatment and Transport Systems: Proceedings of the 4th IAWPRC Workshop Held in Houston and Denver, U.S.A., 27 April – 4 May 1985*. Drake R. A. R. (ed.). Elsevier, pp. 721–728.
- Olsson G., Ingildsen P., Jeppsson U., Kim C., Lynggaard-Jensen A., Nielsen M., Rosen C., Spanjers H., Vanrolleghem P. & Yuan Z. (2004). Instrumentation, control and automation – hidden technologies in wastewater treatment. [*Host publication title missing*]. IWA Publishing.
- Olsson G., Jeppsson U. & Carlsson B. (2002). Urbana vattensystem. Department of Industrial Electrical Engineering and Automation, Lund Institute of Technology. (TEIE; vol. 7173).
- Olsson G., Misiunas D., Bolmstedt J., Stappers R., Rosén C. & Jeppsson U. (2002). Integrated Information and Operation Systems in Urban Water Infrastructures. Department of Industrial Electrical Engineering and Automation, Lund Institute of Technology. (TEIE; vol. 7176).
- Olsson G., Newell R. B., Rosén C. & Ingildsen P. (2002). Application of Information Technology to Decision Support in Treatment Plant Operation. [*Host publication title missing*]. IWA Publishing.
- Olsson G., Nielsen M., Yuan Z., Lynggaard-Jensen A. & Steyer J.-P. (2005). Instrumentation, Control and Automation in Wastewater Systems. IWA Publishing. 264 p. (Scientific and Technical Report Series).
- Olsson G., Nielsen M., Yuan Z., Lynggaard-Jensen A. & Steyer J.-P. (2007). Instrumentation, Control and Automation in Wastewater Systems. [Publisher information missing].
- Olsson G., Reinius L.-G. & Hultman B. (1985). Evaluation of Wastewater Treatment Plant Operational Data by a Common Data Base System. *Instrumentation and Control of Water and Wastewater Treatment and Transport Systems: Proceedings of the 4th IAWPRC Workshop Held in Houston and Denver, U.S.A., 27 April – 4 May 1985*. Drake R. A. R. (ed.). Pergamon Press Ltd., pp. 443–450.
- Olsson G., Roggenbauer H. & Seifritz W. (1972). Identification and Adjoint Problems of Process Computer Control. Department of Automatic Control, Lund Institute of Technology (LTH). (Technical Reports TFRT-7022).
- Olsson G., Rundqwist L., Eriksson L. & Hall L. (1985). Self-Tuning Control of the Dissolved Oxygen Concentration in Activated Sludge Systems. *Instrumentation and Control of Water and Wastewater Treatment and Transport Systems: Proceedings of the 4th IAWPRC Workshop Held in Houston and Denver, U.S.A., 27 April – 4 May 1985*. Drake R. A. R. (ed.). Pergamon Press Ltd., pp. 473–480.
- Olsson G. (2011). Smart water and power grids – drivers, opportunities and challenges.
- Rieger L. & Olsson G. (2011). Why many control systems fail. *Proceedings of the Water Environment Federation*. Water Environment Federation, p. 3906–3918(13).
- Rieger L. & Olsson G. (2012). Why many control systems fail. In: WE & T: Water Environment & Technology. 24, 6, pp. 43–45.
- Rieger L., Brischke K., Rosso D., Olsson G., Schauer P., Schraa O., Bott C., Johnson B., Shaw A. & Gillot S. (2012). How do we make the best use of dynamic simulators to improve aeration system design?

- Romero I., Larsson M. & Olsson G. (2000). Object-oriented modeling and simulation of power systems using Modelica. *Power Engineering Society Winter Meeting, 2000. IEEE*. Vol. 1. pp. 790–795.
- Rosén C. & Olsson G. (1997). Analysis of on-line measurements of Pt Lorna wastewater treatment plant, San Diego. [Publisher information missing].
- Rosén C. & Olsson G. (1997). Diagnossystem i reningsverk. Lägerapport januari 1997. [Publisher information missing].
- Rosén C. & Olsson G. (1998). Disturbance detection in wastewater treatment plants. In: *Water Science and Technology*. 37, 12, pp. 197–205.
- Rosén C., Jacobsen B. N., Guildal T., Olsson G., Ingildsen P., Munk-Nielsen T., Nielsen M., Davidsson Å. & la Cour Jansen J. (2004). Optimeret drift og risiko analyse af urbane miljøtekniske anlæg. Øresund Environment Academy. 30 p.
- Salmiati Y., Salim M. R., Ujang Z. & Olsson G. (2010). COD fractionation of palm oil mill effluent: typical treatment, biodegradability and modelling. In: *Sustainable Environment Research*. 20, 6, pp. 353–359.
- Salmiati Y., Salim M. R., Ujang Z. & Olsson G. (2010). Process development to produce polyhydroxyalkanoates (PHAs) from fermented palm oil mill effluent using anaerobic-aerobic sequencing reactor.
- Samuelsson O., Olsson G., Lindblom E., Björk A. & Carlsson B. (2021). Sensor bias impact on efficient aeration control during diurnal load variations. In: *Water Science and Technology: a journal of the International Association on Water Pollution Research*. 83, 6, pp. 1335–1346 12 p.
- Smith K., Liu S., Liu Y., Savic D., Olsson G., Chang T. & Wu X. (2016 Dec 1). Impact of urban water supply on energy use in China: a provincial and national comparison. In: *Mitigation and Adaptation Strategies for Global Change*. 21, 8, pp. 1213–1233 21 p.
- Sobral L., Johansson R., Lindstedt G. & Olsson G. (1996). Ultrasonic Detection in Robotic Environments. *Proceedings., 1996 IEEE International Conference on Robotics and Automation*. Vol. 1. pp. 347–352.
- Sobral L., Johansson R., Lindstedt G. & Olsson G. (1996). Ultrasonic Detection in Robotic Environments. *Proceedings of IEEE International Conference on Robotics and Automation*. IEEE – Institute of Electrical and Electronics Engineers Inc.
- Spanjers H., Vanrolleghem P., Olsson G. & Dold P. (1996). Respirometry in Control of Activated Sludge Processes. *Water Quality International '96 Part 3 Modelling of Activated Sludge Processes*. Vol. Part 3. pp. 185–194.
- Spanjers H., Vanrolleghem P., Olsson G. & Dold P. (1998). Respirometry in Control of the Activated Sludge Process: Principles. International Association on Water Quality. (Scientific and Technical Report No. 7).
- Svantesson T. & Olsson G. (2000). Optimal Adaptive Control of an Ash Stabilization Batch Mixing Process using Change Detection. *Control Applications, 2000. Proceedings of the 2000 IEEE International Conference on*.
- Svantesson T. & Olsson G. (2003). Taking automatic control into wood ash recycling. *Proceedings of the 2003 American Control Conference*. IEEE – Institute of Electrical and Electronics Engineers Inc., Vol. 4. pp. 3071–3076.
- Svantesson T. & Olsson G. (2004). A novel method for mixture viscosity control based on change detection. In: *Control Engineering Practice*. 12, 1, pp. 11–22.
- Svantesson T., Lauber A. & Olsson G. (2000). Viscosity Model Uncertainties in an Ash Stabilization Batch Mixing Process. *Instrumentation and Measurement Technology Conference, 2000. IMTC 2000. Proceedings of the 17th IEEE*. Vol. 2. pp. 909–914.
- Ulmgren L. & Olsson G. (1973). Reglering av avloppsreningsverk. Studieresa till USA och Canada 24 april – 16 maj 1973. Department of Automatic Control, Lund Institute of Technology (LTH). (Travel Reports TFRT-8006).

- Vanrolleghem P., Jeppsson U., Carstensen J., Carlsson B. & Olsson G. (1996). Integration of WWT Plant Design and Operation – a Systematic Approach Using Cost Functions. In: *Water Science and Technology*. 34, 3–4, p. 159–171.
- Vitasovic Z. C., Olsson G., Liner B., Sweeney M. & Abkian V. (2015). Utility Analysis and Integration Model. In: *Journal – American Water Works Association*. 107, 8, pp. 64–71.
- Wang C., Lin L., Olsson G., Liu Y. & Xu M. (2019). The scope and understanding of the water–electricity nexus. In: *Resources, Conservation and Recycling*. 150, 104453.
- Wang C., Olsson G. & Liu Y. (2018 Dec 1). Coal-fired power industry water-energy-emission nexus: A multi-objective optimization. In: *Journal of Cleaner Production*. 203, pp. 367–375 9 p.
- Wang C., Xu M., Olsson G. & Liu Y. (2020). Characterizing of water-energy-emission nexus of coal-fired power industry using entropy weighting method. In: *Resources, Conservation and Recycling*. 161, 104991.
- Yu M., Wang C., Liu Y., Olsson G. & Bai H. (2018 Mar 1). Water and related electrical energy use in urban households–Influence of individual attributes in Beijing, China. In: *Resources, Conservation and Recycling*. 130, pp. 190–199 10.
- Yu M., Wang C., Liu Y., Olsson G. & Wang C. (2018 Apr 1). Sustainability of mega water diversion projects: Experience and lessons from China. In: *Science of the Total Environment*. 619–620, pp. 721–731 11 p.
- Yuan Z., Olsson G., Cardell-Oliver R., van Schagen K., Marchi A., Deletic A., Urich C., Rauch W., Liu Y. & Jiang G. (2019). Sweating the assets – The role of instrumentation, control and automation in urban water systems. In: *Water Research*. 155, pp. 381–402 22 p.
- Yuniarto A., Noor Z. Z., Ujang Z., Olsson G., Aris A. & Hadibarata T. (2013). Bio-fouling reducers for improving the performance of an aerobic submerged membrane bioreactor treating palm oil mill effluent. In: *Desalination*. 316, pp. 146–153.