

Saari, U. A., Mäkinen, S. J., Baumgartner, R. J., Hillebrand, B., & Driessen, P. H. (2020). How consumers' respect for nature and environmental self-assets influence their car brand experiences. *Journal of Cleaner Production*, 261, [121023]. <https://doi.org/10.1016/j.jclepro.2020.121023>

Ovaska, T., Niemi, S., Sirviö, K., Nilsson, O., Karjalainen, P., Rönkkö, T., ... Keskinen, J. (2020). Role of Lubricating Oil Properties in Exhaust Particle Emissions of an Off-Road Diesel Engine. teoksessa *SAE WCX 2020 World Congress Experience* [2020-01-0386] (SAE Technical Papers). SAE International. <https://doi.org/10.4271/2020-01-0386>

Kaksonen, A. H., Lakaniemi, A-M., & Tuovinen, O. H. (2020). Acid and ferric sulfate bioleaching of uranium ores: A review. *Journal of Cleaner Production*, 264, [121586]. <https://doi.org/10.1016/j.jclepro.2020.121586>

Zakeri, S., Vippola, M., & Levänen, E. (2020). A comprehensive review of the photopolymerization of ceramic resins used in stereolithography. *Additive Manufacturing*, 35, [101177]. <https://doi.org/10.1016/j.addma.2020.101177>

Kanellis, G., Oksanen, A., & Konttinen, J. (2020). Adjoint-based optimization in the development of low-emission industrial boilers. *Engineering Optimization*. <https://doi.org/10.1080/0305215X.2020.1781842>

Pulkkinen, A., Anttila, J-P., & Leino, S-P. (2020). Assessing the maturity and benefits of digital extended enterprise. teoksessa *29th International Conference on Flexible Automation and Intelligent Manufacturing (FAIM2019)* (Sivut 1417-1426). (Procedia Manufacturing; Vuosikerta 38). Elsevier. <https://doi.org/10.1016/j.promfg.2020.01.146>

Lanz, M., Siltala, N., Pieters, R., & Latokartano, J. (2020). Concept for distributed robotics learning environment: Increasing the access to the robotics via modularisation of systems and mobility. teoksessa *10th Conference on Learning Factories, CLF2020* (Sivut 152-157). (Procedia Manufacturing; Vuosikerta 45). Elsevier. <https://doi.org/10.1016/j.promfg.2020.04.087>

Nylund, H., & Lanz, M. (2020). Interactive learning activities for education of factory level order-to-delivery process. teoksessa *10th Conference on Learning Factories, CLF2020* (Sivut 504-509). (Procedia Manufacturing; Vuosikerta 45). Elsevier. <https://doi.org/10.1016/j.promfg.2020.04.065>

Hajdu-Rahkama, R., Özkaya, B., Lakaniemi, A. M., & Puhakka, J. A. (2020). Kinetics and modelling of thiosulphate biotransformations by haloalkaliphilic Thioalkalivibrio versutus. *Chemical Engineering Journal*, 401, [126047]. <https://doi.org/10.1016/j.cej.2020.126047>

Aagaard, A., Saari, U. A., & Mäkinen, S. J. (2020). Mapping the types of business experimentation in creating sustainable value: A case study of cleantech start-ups. *Journal of Cleaner Production*, 279, [123182]. <https://doi.org/10.1016/j.jclepro.2020.123182>

Oliveira, L. M. C., Koivisto, H., Iwakiri, I. G. I., Loureiro, J. M., Ribeiro, A. M., & Nogueira, I. B. R. (2020). Modelling of a pressure swing adsorption unit by deep learning and artificial Intelligence tools. *Chemical Engineering Science*, 224, [115801]. <https://doi.org/10.1016/j.ces.2020.115801>

Hajikazemi, S., Aaltonen, K., Ahola, T., Aarseth, W., & Andersen, B. (2020). Normalising deviance in construction project organizations: a case study on the collapse of Carillion. *Construction Management and Economics*. <https://doi.org/10.1080/01446193.2020.1804069>

Chaoji, P., & Martinsuo, M. (2019). Creation processes for radical manufacturing technology innovations. *Journal of Manufacturing Technology Management*, 30(7), 1005-1033. <https://doi.org/10.1108/JMTM-08-2018-0233>

Haavisto, J., Dessì, P., Chatterjee, P., Honkanen, M., Noori, M. T., Kokko, M., ... Puhakka, J. A. (2019). Effects of anode materials on electricity production from xylose and treatability of TMP wastewater in an up-flow microbial fuel cell. *Chemical Engineering Journal*, 372, 141-150. <https://doi.org/10.1016/j.cej.2019.04.090>

- Tura, N., & Ahola, T. (2019). Towards a circular economy by leveraging hazardous resources: A case study of Fortum HorsePower. *Journal of Cleaner Production*, 230, 518-526. <https://doi.org/10.1016/j.jclepro.2019.05.121>
- Magazinik, A., Bedolla, J. S., Lasheras, N. C., & Mäkinen, S. (2019). Societal impact as Cost-Benefit Analysis: Comparative analysis of two research infrastructures. teoksessa *2019 IEEE International Conference on Engineering, Technology and Innovation, ICE/ITMC 2019* IEEE. <https://doi.org/10.1109/ICE.2019.8792600>
- Kahle, H., Phung, H-M., Penttinen, J-P., Rajala, P., Tukiainen, A., Ranta, S., & Guina, M. (2019). Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region. teoksessa *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings* IEEE. <https://doi.org/10.23919/CLEO.2019.8749958>
- Abdallah, Z., Stefszky, M., Ulvila, V., Silberhorn, C., & Vainio, M. (2019). Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator. teoksessa *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings* IEEE. <https://doi.org/10.23919/CLEO.2019.8750403>
- Saad-Bin-Alam, M., Reshef, O., Huttunen, M. J., Carlow, G., Sullivan, B., Menard, J. M., ... Boyd, R. W. (2019). High-Q resonance train in a plasmonic metasurface. teoksessa *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings* IEEE. <https://doi.org/10.23919/CLEO.2019.8750206>
- Sadiek, I., Mikkonen, T., Vainio, M., Toivonen, J., & Foltynowicz, A. (2019). Optical Frequency Comb Photoacoustic Spectroscopy. teoksessa *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings* IEEE. <https://doi.org/10.23919/CLEO.2019.8749688>
- Kummala, R., Brobbey, K. J., Haapanen, J., Mäkelä, J. M., Gunell, M., Eerola, E., ... Saarinen, J. J. (2019). Antibacterial activity of silver and titania nanoparticles on glass surfaces. *ADVANCES IN NATURAL SCIENCES: NANOSCIENCE AND NANOTECHNOLOGY*, 10(1), [015012]. <https://doi.org/10.1088/2043-6254/ab0882>
- Schönborn, G., Berlin, C., Pinzone, M., Hanisch, C., Georgoulas, K., & Lanz, M. (2019). Why social sustainability counts: The impact of corporate social sustainability culture on financial success. *Sustainable Production and Consumption*, 17, 1-10. <https://doi.org/10.1016/j.spc.2018.08.008>
- Mahmoodpour, M., & Lobov, A. (2019). A knowledge-based approach to the IoT-driven data integration of enterprises. *Procedia Manufacturing*, 31, 283-289. <https://doi.org/10.1016/j.promfg.2019.03.045>
- Halonen, N., Majuri, M., & Lanz, M. (2019). Characteristics of a circular economy framework to support strategic renewal in manufacturing firms. *Procedia CIRP*, 81, 653-658. <https://doi.org/10.1016/j.procir.2019.03.171>
- Lanz, M., Nylund, H., Lehtonen, T., Juuti, T., & Rattya, K. (2019). Circular economy in integrated product and production development education. *Procedia Manufacturing*, 33, 470-476. <https://doi.org/10.1016/j.promfg.2019.04.058>
- Woldemariam, E. T., Coatanéa, E., Wang, G. G., Lemu, H. G., & Wu, D. (2019). Customized dimensional analysis conceptual modelling framework for design optimization—a case study on the cross-flow micro turbine model. *Engineering Optimization*, 51(7), 1168-1184. <https://doi.org/10.1080/0305215X.2018.1519556>
- Joshya, A., Dsouza, R., Muthirulan, V., & Sachidananda, K. H. (2019). Experimental analysis on the turning of aluminum alloy 7075 based on Taguchi method and artificial neural network. *Journal European des Systemes Automatisés*, 52(5), 429-437. <https://doi.org/10.18280/jesa.520501>
- Palmroth, A., Salpavaara, T., Lekkala, J., & Kellomäki, M. (2019). Fabrication and Characterization of a Wireless Bioresorbable Pressure Sensor. *Advanced Materials Technologies*, [1900428]. <https://doi.org/10.1002/admt.201900428>
- Jokinen, L., & Leino, S-P. (2019). Hidden product knowledge: Problems and potential solutions. teoksessa *29th International Conference on Flexible Automation and Intelligent Manufacturing (FAIM2019)* (Sivut 735-744). (Procedia Manufacturing; Vuosikerta 38). Elsevier. <https://doi.org/10.1016/j.promfg.2020.01.099>

- Niu, L., Saarinen, M., Tuokko, R., & Mattila, J. (2019). Integration of multi-camera vision system for automatic robotic assembly. teoksessa *9th International Conference on Physical and Numerical Simulation of Materials Processing (ICPNS'2019)* (Sivut 380-384). (Procedia Manufacturing; Vuosikerta 37). Elsevier. <https://doi.org/10.1016/j.promfg.2019.12.063>
- Lanz, M., Pieters, R., & Ghabcheloo, R. (2019). Learning environment for robotics education and industry-academia collaboration. *Procedia Manufacturing*, 31, 79-84. <https://doi.org/10.1016/j.promfg.2019.03.013>
- Ahtiluoto, M., Ellman, A., & Coatanea, E. (2019). Model for evaluating additive manufacturing feasibility in end-use production. *Proceedings of the International Conference on Engineering Design, ICED*, 1(1), 799-808. <https://doi.org/10.1017/dsi.2019.84>
- Dianatfar, M., Latokartano, J., & Lanz, M. (2019). Task balancing between human and robot in mid-heavy assembly tasks. *Procedia CIRP*, 81, 157-161. <https://doi.org/10.1016/j.procir.2019.03.028>
- Nylund, H., Valjus, V., Toivonen, V., Lanz, M., & Nieminen, H. (2019). The virtual FMS - An engineering education environment. *Procedia Manufacturing*, 31, 251-257. <https://doi.org/10.1016/j.promfg.2019.03.040>
- Vuorinen, T., Noponen, K., Vehkaoja, A., Onnia, T., Laakso, E., Leppänen, S., ... Mäntysalo, M. (2019). Validation of Printed, Skin-Mounted Multilead Electrode for ECG Measurements. *Advanced Materials Technologies*, 4(9), [1900246]. <https://doi.org/10.1002/admt.201900246>
- Raunio, J-P., & Ritala, R. (2018). Active scanner control on paper machines. *Journal of Process Control*, 72, 74-90. <https://doi.org/10.1016/j.jprocont.2018.09.012>
- Ranta, V., Aarikka-Stenroos, L., & Mäkinen, S. J. (2018). Creating value in the circular economy: A structured multiple-case analysis of business models. *Journal of Cleaner Production*, 201, 988-1000. <https://doi.org/10.1016/j.jclepro.2018.08.072>
- Ottosen, N. S., Ristinmaa, M., & Kouhia, R. (2018). Enhanced multiaxial fatigue criterion that considers stress gradient effects. *International Journal of Fatigue*, 116, 128-139. <https://doi.org/10.1016/j.ijfatigue.2018.05.024>
- Iftikhar, U., Mohammed, W. M., Ferrer, B. R., & Lastra, J. L. M. (2018). A Framework for Data Collection, Transformation and Processing in Industrial Systems. teoksessa *Proceedings - IEEE 16th International Conference on Industrial Informatics, INDIN 2018* (Sivut 707-712). [8471996] (IEEE International Conference on Industrial Informatics). Institute of Electrical and Electronics Engineers Inc.. <https://doi.org/10.1109/INDIN.2018.8471996>
- Seyedamir, A., Ferrer, B. R., & Lastra, J. L. M. (2018). An ISA-95 based Ontology for Manufacturing Systems Knowledge Description Extended with Semantic Rules. teoksessa *Proceedings - IEEE 16th International Conference on Industrial Informatics, INDIN 2018* (Sivut 374-380). [8471929] (IEEE International Conference on Industrial Informatics). Institute of Electrical and Electronics Engineers Inc.. <https://doi.org/10.1109/INDIN.2018.8471929>
- Mohammed, W. M., Ferrer, B. R., Iftikhar, U., Lastra, J. L. M., & Simarro, J. H. (2018). Supporting a Cloud Platform with Streams of Factory Shop Floor Data in the Context of the Industry 4.0. teoksessa *Proceedings - IEEE 16th International Conference on Industrial Informatics, INDIN 2018* (Sivut 786-791). [8471981] (IEEE International Conference on Industrial Informatics). Institute of Electrical and Electronics Engineers Inc.. <https://doi.org/10.1109/INDIN.2018.8471981>
- Ferrer, B. R., Mohammed, W. M., Martinez Lastra, J. L., Villalonga, A., Beruvides, G., Castano, F., & Haber, R. E. (2018). Towards the Adoption of Cyber-Physical Systems of Systems Paradigm in Smart Manufacturing Environments. teoksessa *Proceedings - IEEE 16th International Conference on Industrial Informatics, INDIN 2018* (Sivut 792-799). [8472061] (IEEE International Conference on Industrial Informatics). Institute of Electrical and Electronics Engineers Inc.. <https://doi.org/10.1109/INDIN.2018.8472061>

Bomberg, M., Miettinen, H., Wahlström, M., Kaartinen, T., Ahoranta, S., Lakaniemi, A-M., & Kinnunen, P. (2018). Post operation inactivation of acidophilic bioleaching microorganisms using natural chloride-rich mine water. *Hydrometallurgy*, *180*, 236-245. <https://doi.org/10.1016/j.hydromet.2018.06.013>

Kaksonen, A. H., Boxall, N. J., Gumulya, Y., Khaleque, H. N., Morris, C., Bohu, T., ... Lakaniemi, A-M. (2018). Recent progress in biohydrometallurgy and microbial characterisation. *Hydrometallurgy*, *180*, 7-25. <https://doi.org/10.1016/j.hydromet.2018.06.018>

Maina, M. R., Okamoto, Y., Okada, A., Närhi, M., Kangastupa, J., & Vihinen, J. (2018). High surface quality welding of aluminum using adjustable ring-mode fiber laser. *Journal of Materials Processing Technology*, *258*, 180-188. <https://doi.org/10.1016/j.jmatprotec.2018.03.030>

Mosallaei, M., Jokinen, J., Honkanen, M., Iso-Ketola, P., Vippola, M., Vanhala, J., ... Mantysalo, M. (2018). Geometry Analysis in Screen-Printed Stretchable Interconnects. *IEEE Transactions on Components, Packaging and Manufacturing Technology*, *8*(8), 1344-1352. <https://doi.org/10.1109/TCPMT.2018.2854635>

Geng, J., Li, H., Liu, Y., Liu, Y., Kashef, M., Candell, R., & Bhattacharyya, S. S. (2018). Model-based cosimulation for industrial wireless networks. teoksessa *WFCS 2018 - 2018 14th IEEE International Workshop on Factory Communication Systems* (Sivut 1-10). IEEE. <https://doi.org/10.1109/WFCS.2018.8402343>

Muhammad, U., Ferrer, B. R., Mohammed, W. M., & Lastra, J. L. M. (2018). An approach for implementing key performance indicators of a discrete manufacturing simulator based on the ISO 22400 standard. teoksessa *2018 IEEE Industrial Cyber-Physical Systems, ICPS 2018* (Sivut 629-636). IEEE. <https://doi.org/10.1109/ICPHYS.2018.8390779>

Hussnain, A., Ferrer, B. R., & Lastra, J. L. M. (2018). Towards the deployment of cloud robotics at factory shop floors: A prototype for smart material handling. teoksessa *2018 IEEE Industrial Cyber-Physical Systems, ICPS 2018* (Sivut 44-50). IEEE. <https://doi.org/10.1109/ICPHYS.2018.8387635>

Oluoti, K., Doddapaneni, T. R. K. C., & Richards, T. (2018). Investigating the kinetics and biofuel properties of *Alstonia congensis* and *Ceiba pentandra* via torrefaction. *Energy*, *150*, 134-141. <https://doi.org/10.1016/j.energy.2018.02.086>

Heikkilä, J., Martinsuo, M., & Nenonen, S. (2018). Backshoring of production in the context of a small and open Nordic economy. *Journal of Manufacturing Technology Management*, *29*(4), 658-675. <https://doi.org/10.1108/JMTM-12-2016-0178>

Doddapaneni, T. R. K. C., Jain, R., Praveenkumar, R., Rintala, J., Romar, H., & Konttinen, J. (2018). Adsorption of furfural from torrefaction condensate using torrefied biomass. *Chemical Engineering Journal*, *334*, 558-568. <https://doi.org/10.1016/j.cej.2017.10.053>

Karamanakos, P., Ayad, A. F., & Kennel, R. (2018). A variable switching point predictive current control strategy for quasi-Z-source inverters. *IEEE Transactions on Industry Applications*, *54*(2), 1469-1480. <https://doi.org/10.1109/TIA.2017.2765302>

Borgianni, Y., Lenarduzzi, V., Rotini, F., & Taibi, D. (2018). Bringing stimulated ideation in a web environment: Students' evaluations of a basic software release. teoksessa E. Dekoninck, A. Wodehouse, C. Snider, G. Georgiev, & G. Cascini (Toimittajat), *ICDC 2018 - 5th International Conference on Design Creativity, Conference Proceedings* (Proceedings of the International Conference on Engineering Design, ICED). DESIGN SOCIETY.

Järvinen, H., Honkanen, M., Järvenpää, M., & Peura, P. (2018). Effect of paint baking treatment on the properties of press hardened boron steels. *Journal of Materials Processing Technology*, *252*, 90-104. <https://doi.org/10.1016/j.jmatprotec.2017.08.027>

- Raunio, J-P., Makela, I., Mäntylä, M., & Ritala, R. (2018). Evaluating the contrast of planar periodic patterns on paper. teoksessa *Paper Conference and Trade Show, PaperCon 2018* (Sivut 294-302). TAPPI Press.
- Grosu, M. C., Lupu, I. G., Cramariuc, O., & Hogas, H. I. (2018). Fabrication and characterization of magnetic cotton yarns for textile applications. *Journal of the Textile Institute*, 109(10), 1348-1359. <https://doi.org/10.1080/00405000.2018.1423935>
- Brobbey, K. J., Haapanen, J., Gunell, M., Mäkelä, J. M., Eerola, E., Saarinen, J. J., & Toivakka, M. (2018). High-speed manufacturing of antimicrobial paper. teoksessa *Paper Conference and Trade Show, PaperCon 2018* (Sivut 564-566). TAPPI Press.
- Ahmad, M., Ferrer, B. R., Ahmad, B., Vera, D., Martinez Lastra, J. L., & Harrison, R. (2018). Knowledge-based PPR modelling for assembly automation. *CIRP Journal of Manufacturing Science and Technology*, 21, 33-46. <https://doi.org/10.1016/j.cirpj.2018.01.001>
- Sulonen, M. L. K., Kokko, M. E., Lakaniemi, A-M., & Puhakka, J. A. (2018). Simultaneous removal of tetrathionate and copper from simulated acidic mining water in bioelectrochemical and electrochemical systems. Julkaisematon. <https://doi.org/10.1016/j.hydromet.2018.01.023>
- Ramis Ferrer, B., & Martinez Lastra, J. L. (2018). Towards the encapsulation and decentralisation of OKD-MES services within embedded devices. *International Journal of Production Research*, 56(3), 1286-1298. <https://doi.org/10.1080/00207543.2017.1328141>
- Safarpour, N., & Sillanpää, I. (2017). A Dual Perspective of Value in a Bundle of Product and Service. *Management and Production Engineering Review*, 8(4), 27-41. <https://doi.org/10.1515/mper-2017-0034>
- Layek, R. K., Uddin, M. E., Kim, N. H., Tak Lau, A. K., & Lee, J. H. (2017). Noncovalent functionalization of reduced graphene oxide with pluronic F127 and its nanocomposites with gum arabic. *Composites Part B : Engineering*, 128, 155-163. <https://doi.org/10.1016/j.compositesb.2017.07.010>
- Tampio, E., Lehtonen, E., Kinnunen, V., Mönkäre, T., Ervasti, S., Kettunen, R., ... Rintala, J. (2017). A demand-based nutrient utilization approach to urban biogas plant investment based on regional crop fertilization. *Journal of Cleaner Production*, 164, 19-29. <https://doi.org/10.1016/j.jclepro.2017.06.172>
- Ojala, N. (2017). *Application Oriented Wear Testing of Wear Resistant Steels in Mining Industry*. (Tampere University of Technology. Publication; Vuosikerta 1469). Tampere University of Technology.
- Lanz, M., & Tuokko, R. (2017). Concepts, methods and tools for individualized production. *PRODUCTION ENGINEERING*, 11(2), 205-212. <https://doi.org/10.1007/s11740-017-0728-5>
- Mohammed, W. M. (2017). *Encapsulation Of MES Functionalities As RESTful Web Services For Knowledge-Driven Manufacturing Systems*. Tampere University of Technology.
- Jokinen, L., Vainio, V., & Pulkkinen, A. (2017). Engineering Change Management Data Analysis from the Perspective of Information Quality. *Procedia Manufacturing*, 11, 1626-1633. <https://doi.org/10.1016/j.promfg.2017.07.312>
- Mikkonen, A., & Karvinen, R. (2017). Heat Transfer of Impinging Jet: Effect of Compressibility and Turbulent Kinetic Energy Production. teoksessa *IX International Conference on Computational Heat and Mass Transfer (ICCHMT 2016)*
- Miettinen, P., Ahokas, M., Engström, T., Heinonen, J., & Auvinen, S. (2017). The role of base substrate on barrier and convertability properties of Water based barrier coated (WBBC) paper and paperboard. teoksessa *Paper Conference and Trade Show, PaperCon 2017: Renew, Rethink, Redefine the Future, Minneapolis, Minnesota, USA, 23-26 April 2017* (Vuosikerta 1, Sivut 220-232). TAPPI Press.

- Ojala, N. (2016). *Application oriented wear testing of wear resistant steels in mining industry*. Julkaisun esittämisaika: DIMECC 9th Annual Seminar, Helsinki, Suomi.
- Laitinen, A., & Keskinen, J. (2016). Performance of a sonic jet-type charger in high dust load. *Journal of Electrostatics*, 83, 1-6. <https://doi.org/10.1016/j.elstat.2016.06.002>
- Mokhtarian, H., Coatanea, E., Paris, H., Ritola, T., Ellman, A., Vihinen, J., ... Ikkala, K. (2016). A Network based modelling approach using the dimensional analysis conceptual modeling (DACM) framework for additive manufacturing technologies . teoksessa *Proceedings of the ASME 2016 Computers and Information in Engineering Conference IDETC/CIE 2016* [DETC2016-60473] Charlotte, North Carolina : ASME. <https://doi.org/10.1115/DETC2016-60473>
- Bragadin, M., & Kähkönen, K. (2016). Schedule health assessment of construction projects. *Construction Management and Economics*, 34(12), 875-897. <https://doi.org/10.1080/01446193.2016.1205751>
- Tampio, E., Marttinen, S., & Rintala, J. (2016). Liquid fertilizer products from anaerobic digestion of food waste: Mass, nutrient and energy balance of four digestate liquid treatment systems. *Journal of Cleaner Production*, 125, 22–32. <https://doi.org/10.1016/j.jclepro.2016.03.127>
- Sillanpää, E., Junnonen, J-M., Sillanpää, I., & Saari, A. (2016). A Customer's Possibilities to Increase the Performance of a Service Provider by Adding Value and Deepening the Partnership in Facility Management Service. *Management and Production Engineering Review*, 7(2), 50-61. <https://doi.org/10.1515/mper-2016-0017>
- Einolander, J. (2016). Organizational Commitment and Engagement in Two Finnish Energy Sector Organizations. *Human Factors and Ergonomics in Manufacturing*, 26(3), 408-423. <https://doi.org/10.1002/hfm.20664>
- Korkiakoski, S., Brøndsted, P., Sarlin, E., & Saarela, O. (2016). Influence of specimen type and reinforcement on measured tension-tension fatigue life of unidirectional GFRP laminates. *International Journal of Fatigue*, 85, 114-129. <https://doi.org/10.1016/j.ijfatigue.2015.12.008>
- Shahzad, K., Sillanpää, I., Sillanpää, E., & Imeri, S. (2016). Benchmarking supplier development: An empirical case study of validating a framework to improve buyer-supplier relationship. *Management and Production Engineering Review*, 7(1), 56-70. <https://doi.org/10.1515/mper-2016-0007>
- Mahlamäki, K., Niemi, A., Jokinen, J., & Borgman, J. (2016). Importance of maintenance data quality in extended warranty simulation. *International Journal of COMADEM*, 19(1), 3-10.
- Kaksonen, A. H., Särkijärvi, S., Puhakka, J. A., Peuraniemi, E., Junnikkala, S., & Tuovinen, O. H. (2016). Chemical and bacterial leaching of metals from a smelter slag in acid solutions. *Hydrometallurgy*, 159, 46-53. <https://doi.org/10.1016/j.hydromet.2015.10.032>
- Paris, H., Mokhtarian, H., Coatanea, E., Museau, M., & Ituarte, I. F. (2016). Comparative environmental impacts of additive and subtractive manufacturing technologies. *CIRP Annals: Manufacturing Technology*, 65(1), 29-32. <https://doi.org/10.1016/j.cirp.2016.04.036>
- Juuti, T., Rättyä, K., & Lehtonen, T. (2016). Learning logs in product development education. teoksessa *Proceedings of the 18th International Conference on Engineering and Product Design Education: Design Education: Collaboration and Cross-Disciplinarity, E and PDE 2016* (Sivut 296-301). Institution of Engineering Designers, The Design Society.
- Grosu, M. C., Lupu, I. G., Cramariuc, O., & Hristian, L. (2016). Magnetic cotton yarns: optimization of magnetic properties. *Journal of the Textile Institute*, 107(6), 757-765. <https://doi.org/10.1080/00405000.2015.1061761>

- Ramis Ferrer, B., Iarovy, S., Gonzalez, L., Lobov, A., & Martinez Lastra, J. L. (2016). Management of distributed knowledge encapsulated in embedded devices. *International Journal of Production Research*, 54(18), 1-18. <https://doi.org/10.1080/00207543.2015.1120902>
- Stentoft, J., Olhager, J., Heikkilä, J., & Thoms, L. (2016). Manufacturing backshoring : a systematic literature review. *OPERATIONS MANAGEMENT RESEARCH*, 9(3), 53–61. <https://doi.org/10.1007/s12063-016-0111-2>
- Jain, R., Dominic, D., Jordan, N., Rene, E. R., Weiss, S., van Hullebusch, E. D., ... Lens, P. N. L. (2016). Preferential adsorption of Cu in a multi-metal mixture onto biogenic elemental selenium nanoparticles. *Chemical Engineering Journal*, 284, 917–925. <https://doi.org/10.1016/j.cej.2015.08.144>
- Mäki, A. J., Peltokangas, M., Kreutzer, J., Auvinen, S., & Kallio, P. (2015). Modeling carbon dioxide transport in PDMS-based microfluidic cell culture devices. *Chemical Engineering Science*, 137, 515-524. <https://doi.org/10.1016/j.ces.2015.06.065>
- Seo, J. Y., Lee, K., Ramasamy, P., Kim, B., Lee, S. Y., Oh, Y. K., & Park, S. B. (2015). Tri-functionality of Fe₃O₄-embedded carbon microparticles in microalgae harvesting. *Chemical Engineering Journal*, 280, 206-214. <https://doi.org/10.1016/j.cej.2015.05.122>
- Tampio, E., Ervasti, S., & Rintala, J. (2015). Characteristics and agronomic usability of digestates from laboratory digesters treating food waste and autoclaved food waste. *Journal of Cleaner Production*, 94, 86-92. <https://doi.org/10.1016/j.jclepro.2015.01.086>
- Alaviitala, T., & Mattila, T. J. (2015). Engineered nanomaterials reduce but do not resolve life cycle environmental impacts of power capacitors. *Journal of Cleaner Production*, 93, 347-353. <https://doi.org/10.1016/j.jclepro.2015.01.036>
- Karvountzis-Kontakiotis, A., Ntziachristos, L., Samaras, Z., Dimaratos, A., & Peckham, M. (2015). Experimental Investigation of Cyclic Variability on Combustion and Emissions of a High-Speed SI Engine. teoksessa *SAE 2015 World Congress and Exhibition* (April toim., Vuosikerta 2015-April). SAE International. <https://doi.org/10.4271/2015-01-0742>
- Di Gironimo, G., Lanzotti, A., Marzullo, D., Esposito, G., Carfora, D., & Siuko, M. (2015). Iterative and Participative Axiomatic Design Process in complex mechanical assemblies: case study on fusion engineering. *International Journal on Interactive Design and Manufacturing*, 9(4), 325-338. <https://doi.org/10.1007/s12008-015-0270-7>
- Mäkinen, S. J., Dedehayir, O., & Ortt, R. (2015). Exploring effects of ecosystem clockspeed on product performance. teoksessa *IEEE International Conference on Industrial Engineering and Engineering Management* (Vuosikerta 2015-January, Sivut 1457-1461). [7058880] IEEE COMPUTER SOCIETY PRESS. <https://doi.org/10.1109/IEEM.2014.7058880>
- Mäkinen, S. J. (2015). Internet-of-things disrupting business ecosystems: A case in home automation. teoksessa *IEEM 2014: 2014 IEEE International Conference on Industrial Engineering and Engineering Management* (Sivut 1467-1470). IEEE COMPUTER SOCIETY PRESS. <https://doi.org/10.1109/IEEM.2014.7058882>
- Koho, M., Tapaninaho, M., Heilala, J., & Torvinen, S. (2015). Towards a concept for realizing sustainability in the manufacturing industry. *Journal of Industrial and Production Engineering*, 32(1), 12-22. <https://doi.org/10.1080/21681015.2014.1000402>
- Hasani, M., Vena, A., Sydänheimo, L., Tentzeris, M. M., & Ukkonen, L. (2015). A Novel Enhanced-Performance Flexible RFID-Enabled Embroidered Wireless Integrated Module for Sensing Applications. *IEEE Transactions on Components, Packaging and Manufacturing Technology*, 5(9), 1244-1252. <https://doi.org/10.1109/TCPMT.2015.2461661>
- Di Capua, F., Papirio, S., Lens, P. N. L., & Esposito, G. (2015). Chemolithotrophic denitrification in biofilm reactors. *Chemical Engineering Journal*, 280, 643-657. <https://doi.org/10.1016/j.cej.2015.05.131>

Karavalakis, G., Short, D., Chen, V., Espinoza, C., Berte, T., Durbin, T., ... Bergmann, A. (2014). Evaluating Particulate Emissions from a Flexible Fuel Vehicle with Direct Injection when Operated on Ethanol and Iso-butanol Blends. teoksessa *SAE 2014 International Powertrains, Fuels and Lubricants Meeting, FFL 2014* (Vuosikerta 2014-October). SAE International. <https://doi.org/10.4271/2014-01-2768>

Karamanakos, P., Geyer, T., Oikonomou, N., Kieferndorf, F. D., & Manias, S. (2014). Direct model predictive control: A review of strategies that achieve long prediction intervals for power electronics. *IEEE Industrial Electronics Magazine*, 8(1), 32-43. <https://doi.org/10.1109/MIE.2013.2290474>

Rasilo, P., Belahcen, A., & Arkkio, A. (2014). Effect of rotor pole-shoe construction on losses of inverter-fed synchronous motors. *IEEE Transactions on Industry Applications*, 50(1), 208-217. <https://doi.org/10.1109/TIA.2013.2266631>

Qvintus, P., Kataja, K., Heikkilä, P., Salmela, J., Lehmonen, J., Ketoja, J., ... Vuorinen, T. (2014). Design driven world of cellulose-from bulk to luxury? teoksessa *Fibre Value Chain Conference and Expo 2014: Pulp and Paper Bioenergy Bioproducts* (Sivut 67-74). Appita Inc..

Amanatidis, S., Ntziachristos, L., Samaras, Z., Kouridis, C., Janka, K., & Tikkanen, J. (2014). Use of a PPS sensor in evaluating the impact of fuel efficiency improvement technologies on the particle emissions of a euro 5 diesel car. teoksessa *SAE 2014 World Congress and Exhibition* (Vuosikerta 1). SAE International. <https://doi.org/10.4271/2014-01-1601>

Oikonomou, N., Gutscher, C., Karamanakos, P., Kieferndorf, F. D., & Geyer, T. (2013). Model predictive pulse pattern control for the five-level active neutral-point-clamped inverter. *IEEE Transactions on Industry Applications*, 49(6), 2583-2592. <https://doi.org/10.1109/TIA.2013.2263273>

Bayr, S., Kaparaju, P., & Rintala, J. (2013). Screening pretreatment methods to enhance thermophilic anaerobic digestion of pulp and paper mill wastewater treatment secondary sludge. *Chemical Engineering Journal*, 223, 479-486. <https://doi.org/10.1016/j.cej.2013.02.119>

Debnath, S. C., Das, A., Basu, D., & Heinrich, G. (2013). Naturally occurring amino acids: A suitable substitute of N-Ni-di-phenyl guanidine (DPG) in silica tyre formulation? *KGK: KAUTSCHUK GUMMI KUNSTSTOFFE*, 66(1-2), 25-31.

Amanatidis, S., Ntziachristos, L., Samaras, Z., Janka, K., & Tikkanen, J. (2013). Applicability of the Pegasor particle sensor to measure particle number, mass and PM emissions. teoksessa *11th International Conference on Engines and Vehicles, ICE 2013* (Vuosikerta 6) <https://doi.org/10.4271/2013-24-0167>

Ntziachristos, L., Amanatidis, S., Samaras, Z., Janka, K., & Tikkanen, J. (2013). Application of the pegasor particle sensor for the measurement of mass and particle number emissions. teoksessa *SAE 2013 World Congress and Exhibition* (Vuosikerta 2). SAE International. <https://doi.org/10.4271/2013-01-1561>

Christophe, F., Mokammel, F., Coatanea, E., & Bakhouya, M. (2013). Integration of evaluation and simulation methods for virtual prototypes. teoksessa *Proceedings of the 15th International Conference on Engineering and Product Design Education: Design Education - Growing Our Future, EPDE 2013* (Sivut 623-628)

Ogeya, M. C., Coatanéa, E., & Medyna, G. (2013). Theory driven design and real proto typing of biomass pyrolytic stove. teoksessa *Proceedings of the International Conference on Engineering Design, ICED* (Vuosikerta 9 DS75-09, Sivut 69-78)

Ntziachristos, L., Amanatidis, S., Samaras, Z., Giechaskiel, B., & Bergmann, A. (2013). Use of a catalytic stripper as an alternative to the original PMP measurement protocol. teoksessa *SAE 2013 World Congress and Exhibition* (Vuosikerta 2). SAE International. <https://doi.org/10.4271/2013-01-1563>

Subramaniam, K., Das, A., & Heinrich, G. (2012). Highly conducting polychloroprene composites based on multi-walled carbon nanotubes and 1-butyl 3-methyl imidazolium bis(trifluoromethylsulphonyl)imide. *KGK: KAUTSCHUK GUMMI KUNSTSTOFFE*, 65(7-8), 44-46.

- Lehtiranta, L., Kärnä, S., Junnonen, J. M., & Julin, P. (2012). The role of multi-firm satisfaction in construction project success. *Construction Management and Economics*, 30(6), 463-475. <https://doi.org/10.1080/01446193.2012.669485>
- Lee, H., Shaker, G., Lakafosis, V., Vyas, R., Thai, T., Kim, S., ... Tentzeris, M. (2012). Antenna-based smart skin sensors for sustainable, wireless sensor networks. teoksessa *2012 IEEE International Conference on Industrial Technology, ICIT 2012, Proceedings* (Sivut 189-193). [6209936] <https://doi.org/10.1109/ICIT.2012.6209936>
- Kim, M., Clingerman, M. C., Kawczak, A. W., & Berger, P. R. (2012). Demonstration of hybrid prototype sealant for encapsulating organic photovoltaics. teoksessa *2012 IEEE 38th Photovoltaic Specialists Conference, PVSC 2012 (PART 2 toim.)* <https://doi.org/10.1109/PVSC-Vol2.2013.6656714>
- Medyna, G., Coatanea, E., & Millet, D. (2011). Environmental and economic evaluation of solar thermal panels using exergy and dimensional analysis. teoksessa *Glocalized Solutions for Sustainability in Manufacturing - Proceedings of the 18th CIRP International Conference on Life Cycle Engineering* (Sivut 647-651) https://doi.org/10.1007/978-3-642-19692-8_112
- Ntziachristos, L., Fragkiadoulakis, P., Samaras, Z., Janka, K., & Tikkanen, J. (2011). Exhaust particle sensor for OBD application. teoksessa *SAE 2011 World Congress and Exhibition* <https://doi.org/10.4271/2011-01-0626>
- Boutellier, J., Lucarz, C., Gomez, V. M., Mattavelli, M., & Silvén, O. (2011). Multiprocessor scheduling of dataflow programs within the reconfigurable video coding framework. teoksessa *Algorithm-Architecture Matching for Signal and Image Processing - Best Papers from Design and Architectures for Signal and Image Processing 2007 and 2008 and 2009* (Vuosikerta 73 LNEE, Sivut 237-251). (Lecture Notes in Electrical Engineering; Vuosikerta 73 LNEE). https://doi.org/10.1007/978-90-481-9965-5_11
- Christophe, F., Sell, R., Coatanea, E., & Micaëlli, J. P. (2008). Integrated design framework: Towards an approach for early design. teoksessa *DS 46: Proceedings of E and PDE 2008, the 10th International Conference on Engineering and Product Design Education*
- Jokinen, J., Makkonen, P., Saarelainen, T., & Coatanéa, E. (2007). A strategy for cast part shape design optimisation. teoksessa *Proceedings of ICED 2007, the 16th International Conference on Engineering Design* (Vuosikerta DS 42)
- Coatanéa, E., Yannou, B., Boughnim, N., Makkonen, P. E., Lajunen, A., Saarelainen, T., & Bertoluci, G. (2007). Combining analysis of different performances through the use of dimensional analysis. teoksessa *Proceedings of ICED 2007, the 16th International Conference on Engineering Design* (Vuosikerta DS 42)
- Saarelainen, T., Makkonen, P. E., & Coatanéa, E. (2007). Industrial study of cast part development. teoksessa *Proceedings of ICED 2007, the 16th International Conference on Engineering Design* (Vuosikerta DS 42)
- Ozbay, E., Bulu, I., Aydin, K., Caglayan, H., Alici, K. B., & Guven, K. (2005). Highly directive radiation and negative refraction using photonic crystals. *Laser Physics*, 15(2), 217-224.