

## **Publications Reiner Jedermann, University Bremen, Germany**

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### **Edited theme issue**

Jedermann, R.; Nicometo, M.; Uysal, I.; Opera, L.; Janssen, S; Lang, W.: Intelligent food logistics. Transactions of the Royal Society A (Mathematical, Physical and Engineering Science), Vol. 372(2017), May/June 2014

### **Reviewed journal articles (10)**

- Jedermann, R.; Hartgenbusch, N.; Borysov, M.; Lang, W.: *Design Parameters for the Housing of Two-Dimensional Air Flow Sensors*. In: IEEE Sensors Journal, 2018, Vol. 18(24), pp. 10154-10162. (doi: 10.1109/JSEN.2018.2873896)
- Jedermann, R.; Praeger, U.; Lang, W.: *Challenges and opportunities in remote monitoring of perishable products*. In: Food Packaging and Shelf Life, 2017, Vol. 14(A), pp. 18-25. (doi: 10.1016/j.fpsl.2017.08.006)
- Jedermann, R.; Praeger, U.; Geyer, M.; Lang, W.: *Remote quality monitoring in the banana chain*. In: Philosophical Transactions of the Royal Society A, 2014, Vol. 372(2017), p. 20130303. (doi: 10.1098/rsta.2013.303)
- Jedermann, R.; Nicometo, M.; Uysal, I.; Lang, W.: *Reducing food losses by intelligent food logistics* In: Philosophical Transactions of the Royal Society A, 2014, Vol. 372(2017), p. 20130302. (doi: 10.1098/rsta.2013.0302)
- Jedermann, R.; Lloyd, C.; Poetsch, T.: *Communication techniques and challenges for wireless food quality monitoring*. In: Philosophical Transactions of the Royal Society A, 2014, Vol. 372(2017), p. 20130304. (doi: 10.1098/rsta.2013.0304)
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- Jedermann, R.; Behrens, C.; Westphal, D.; Lang, W.: *Applying autonomous sensor systems in logistics--Combining sensor networks, RFIDs and software agents*. In: Sensors and Actuators A: Physical, 2006, Vol. 132(1), pp. 370-375. (doi: 10.1016/j.sna.2006.02.008)

### **Reviewed journal articles as co-author (10)**

- Praeger, U.; Jedermann, R.; Sellwig, M.; Neuwald, D.A.; Truppel, I.; Scaar, H.; Hartgenbusch, N.; Geyer, M.: Influence of room layout on airflow distribution in an industrial fruit store. In: International Journal of Refrigeration, 2021, Vol. 131, pp. 714-722. (doi: 10.1016/j.ijrefrig.2021.06.016)
- Praeger, U.; Jedermann, R.; Sellwig, M.; Neuwald, D.A.; Hartgenbusch, N.; Borysov, M.; Truppel, I.; Scaar, H.; Geyer, M.: Airflow distribution in an apple storage room. In: Journal of Food Engineering, 2020, Vol. 269, p. 109746. (doi: 10.1016/j.jfoodeng.2019.109746)
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- Jedermann, R.; Lang, W.: *Computational fluid dynamics modelling of deviating airflow and cooling conditions in banana containers*. In: Tijskens, L.M.M.; Schouten, R.,(eds.): V International Symposium on Applications of Modelling as an Innovative Technology in the Horticultural Supply Chain - Model-IT 2015, Wageningen, Netherlands, International Society for Horticultural Science (ISHS), Leuven, Belgium, 2017, pp. 193-200. (doi: 10.17660/ActaHortic.2017.1154.25).
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- Jedermann, R.; Lang, W.: *Model based estimation of biological heat generation during cold-chain transport and processing*. In: 3rd IIR International Conference on Sustainability and the Cold Chain, St Mary's University, Twickenham, London, UK, The Institute of Refrigeration, 2014.
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- Jedermann, R.; Edmond, J.P.; Lang, W.: *Shelf life prediction by intelligent RFID*. In: Hassis, H.D.; Kreowski, H.J.; Scholz-Reiter, B.,(eds.): *Dynamics in Logistics. First International Conference, LDIC 2007*, Berlin/Heidelberg, Springer, 2008, pp. 231-238. (doi: 10.1007/978-3-540-76862-3\_22)
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- Jedermann, R.; Gehrke, J.D.; Lorenz, M.; Herzog, O.; Lang, W.: *Realisierung lokaler Selbststeuerung in Echtzeit: Der Übergang zum intelligenten Container*. In: Bundesvereinigung Logistik,(ed.): *Wissenschaft und Praxis im Dialog. Steuerung von Logistiksystemen - auf dem Weg zur Selbststeuerung*, Dortmund, Deutscher Verkehrs-Verlag, 2006, pp. 145-166.

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- Palafox-Albarrán, J.; Dannies, A.; Sanjeeva, B.K.; Lang, W.; Jedermann, R.: *Combining Machine-to-Machine Communications with Intelligent Objects in Logistics*. In: Uckelmann, D.; Scholz-Reiter, B.; Rügge, I.; Hong, B.; Rizzi, A.,(eds.): *ImViReLL'12 The Impact of Virtual, Remote and Real Logistics Labs*, Bremen, Germany, Springer, 2012, Vol. 282, pp. 102-112.
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## Book sections and others (6)

- Jedermann, R.; Lang, W.: 15 Years of Intelligent Container Research. In: Freitag, M.; Kotzab, H.; Megow, N., (eds.): Dynamics in Logistics: Twenty-Five Years of Interdisciplinary Logistics Research in Bremen, Germany, Springer International Publishing, Cham, 2021, pp. 227-247. (doi: 10.1007/978-3-030-88662-2\_11)
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