

## Bilaga 3

# Vetenskapliga publikationer 2023

I denna bilaga redovisas vetenskapliga artiklar med författare från IVL Svenska Miljöinstitutet under 2023. Listan är framtagen genom Web of Science.

Listan på vetenskapliga artiklar är framtagen genom Web of Science. I söksträngen har vi specificerat att författarna ska vara affilierade till IVL och artikeln ska ha ett publikationsdatum under 2023 (ej endast early access). Reprints, korrigerade artiklar och meeting abstracts har tagits bort.

Artiklarna har sorterats utifrån IVL:s tre temaområden Totalt 90 vetenskapliga artiklar publicerade 2023 varav fördelningen per temaområde är 33 inom Hållbart samhälle, 9 inom Hållbar omställning och 48 inom Hållbar miljö.

## Hållbart samhälle (33 st)

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- Carotti, L., Pistillo, A., Zauli, I., Meneghello, D., Martin, M., Pennisi, G., . . . Orsini, F.** (2023). Improving water use efficiency in vertical farming: Effects of growing systems, far-red radiation and planting density on lettuce cultivation. *Agricultural Water Management*, 285, 10. doi:10.1016/j.agwat.2023.108365
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- Hjort, A., Heyne, S., Fagerström, A., Bokinge, P., Rootzén, J., Jivén, K., . . . Särnbratt, M.** (2023). Fuelling the future: Assessing multifuel filling stations for hydrogen and other renewable fuels through life cycle analysis. *Energy Science & Engineering*, 11(9), 3033-3041. doi:10.1002/ese3.1518
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- Kangasniemi, O., Simonen, P., Moldanová, J., Timonen, H., Barreira, L. M. F., Hellén, H., . . . Dal Maso, M.** (2023). Volatility of a Ship's Emissions in the Baltic Sea Using Modelling and Measurements in Real-World Conditions. *Atmosphere*, 14(7), 19. doi:10.3390/atmos14071175
- Li, J. J., Ho, S. C. H., Griffith, S. M., Huang, Y. Q., Cheung, R. K. Y., Hallquist, M., . . . Yu, J. Z.** (2023). Concurrent measurements of nitrate at urban and suburban sites identify local nitrate formation as a driver for urban episodic PM<sub>2.5</sub> pollution. *Science of the Total Environment*, 897, 12. doi:10.1016/j.scitotenv.2023.165351
- Lygnerud, K., Fransson, N., Saernbratt, M., Motoasca, E., Neven, T., Vanschoenwinkel, J., . . . Belda, A.** (2023). District Energy Viewed from the New Bauhaus Initiative Perspective- Sustainable, Inclusive and Aesthetic Heat. *Buildings*, 13(12), 19. doi:10.3390/buildings13122930
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- Erfani, B., Vilela, L., Julander, A., & Schenk, L.** (2023). Safety data sheets as an information pathway on hazards of occupationally used cleaning agents. *Regulatory Toxicology and Pharmacology*, 142, 7. doi:10.1016/j.yrtph.2023.105447
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