COMPUTATIONAL ECOLOGIST, BIOSTATISTICIAN, AND LECTURER

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Find below an overview about my peer-reviewed articles, book chapters, GitHub repositories, elsewhere published code, published data, post- and preprints, and other publications.

Articles

- 1. Kalinkat, G., Rall, B.C., Uiterwaal, S., and Uszko, W. (2023). Empirical evidence of type III functional responses and why it remains rare. Front Ecol Evol 11, 1033818. https://doi.org/10.3389/fevo.2023.1033818.
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- 3. Nickisch (born Gericke), D., Rall, B.C., Singer, A., and Ashauer, R. (2022). Fish species sensitivity ranking depends on pesticide exposure profiles. Environ Toxicol Chem 41, 1732–1741. https://doi.org/10.1002/etc.5348.
- 4. Voigt, E., Rall, B.C., Chatzinotas, A., Brose, U., and Rosenbaum, B. (2021). Phage strategies facilitate bacterial coexistence under environmental variability. PeerJ 9, e12194. https://doi.org/10.7717/peerj.12194.
- 5. Sohlström, E.H., Archer, L.C., Gallo, B., Jochum, M., Kordas, R.L., Rall, B.C., Rosenbaum, B., and O'Gorman, E.J. (2021). Thermal acclimation increases the stability of a predator–prey interaction in warmer environments. Global Change Biology *27*, 3765–3778. https://doi.org/10.1111/gcb.15715.
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- 10. Marx, J.M., Rall, B.C., Phillips, H.R.P., and Brose, U. (2019). Opening the black box of plant nutrient uptake under warming predicts global patterns in community biomass and biological carbon storage. Oikos 128, 1503–1514. https://doi.org/10.1111/oik.06141.
- 11. Pennekamp, F., Iles, A.C., Garland, J., Brennan, G., Brose, U., Gaedke, U., Jacob, U., Kratina, P., Matthews, B., Munch, S., et al. (2019). The intrinsic predictability of ecological time series and its potential to guide forecasting. Ecological Monographs 89, e01359. https://doi.org/10.1002/ecm.1359.
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Theses, Manuals, Method Descriptions, and other Reports

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