

Articles (peer reviewed)

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>.
2. Sohlström, E.H., Brose, U., Klink, R. van, Rall, B.C., Rosenbaum, B., Schädler, M., and Barnes, A.D. (2022). Future climate and land-use intensification modify arthropod community structure. *Agric. Ecosyst. Environ.* 327, 107830. <https://doi.org/10.1016/j.agee.2021.107830>.
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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>.
12. Sohlström, E.H., Marian, L., Barnes, A.D., Haneda, N.F., Scheu, S., Rall, B.C., Brose, U., and Jochum, M. (2018). Applying generalized allometric regressions to predict live body mass of tropical and temperate arthropods. *Ecol Evol* 8, 12737–12749. <https://doi.org/10.1002/ece3.4702>.
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Book Chapters

1. Kalinkat, G., and Rall, B.C. (2015). Effects of climate change on the interactions between insect pests and their natural enemies. In *Climate Change and Insect Pests* (CABI), pp. 74–91. <https://doi.org/10.1079/9781780643786.0074>.

Code Publications

Data Publications

Pre- and Postprints

1. Ryser, R., Häussler, J., Stark, M., Brose, U., Rall, B.C., and Guill, C. (2019). The biggest losers: Habitat isolation deconstructs complex food webs from top to bottom. <https://doi.org/10.1101/439190>.
2. Pennekamp, F., Iles, A., Garland, J., Brennan, G., Brose, U., Gaedke, U., Jacob, U., Kratina, P., Matthews, B., Munch, S., et al. (2018). The intrinsic predictability of ecological time series and its potential to guide forecasting. <https://doi.org/10.1101/350017>.
3. Sohlstroem, E.H., Marian, L., Barnes, A.D., Haneda, N.F., Scheu, S., Rall, B.C., Brose, U., and Jochum, M. (2018). Applying generalised allometric regressions to predict live body mass of tropical and temperate arthropods. <https://doi.org/10.1101/297697>.
4. Rosenbaum, B., and Rall, B.C. (2017). Fitting functional responses: direct parameter estimation by simulating differential equations. <https://doi.org/10.1101/201632>.
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10. Rall, B.C., and Latz, E. (2016). Assessing plant pathogen infection rates in natural soils using R. <https://doi.org/10.7287/peerj.preprints.2156v1>.
11. Allhoff, K.T., Ritterskamp, D., Rall, B.C., Drossel, B., and Guill, C. (2015). **Evolutionary food web model based on body masses gives realistic networks with permanent species turnover.**
12. Curtsdotter, A., Binzer, A., Brose, U., Castro, F. de, Ebenman, B., Eklöf, A., Riede, J.O., Thierry, A., and Rall, B.C. (2011). **Robustness to secondary extinctions: Comparing trait-based sequential deletions in static and dynamic food webs.**