

Publications – Jacqueline Degen, née Fuchs

Research articles

Degen, T., Kolláth, Z. & **Degen, J.** (2022). X, Y, and Z: A bird's eye view on light pollution. *Ecology and Evolution*, 12, e9608

Storms, M., Jakhar, A., Mitesser, O., Jechow, A., Hölker, F., Degen, T., Hovestadt, T. & **Degen, J.** (2022). The rising moon promotes mate finding in moths. *Communications Biology*, 5, 1-6

Walter, T., **Degen, J.**, Pfeiffer, K., Stöckl, A., Montenegro, S., Degen, T. (2021). A new innovative real-time tracking method for flying insects applicable under natural conditions. *BMC Zoology*, 6, 1-11

Degen, J., Hovestadt, T., Storms, M., & Menzel, R. (2018). Exploratory behavior of re-orienting foragers differs from other flight patterns of honeybees. *PLoS ONE*, 13(8): e0202171.

Degen, J., Kirbach, A., Reiter, L., Lehmann, K., Norton, P., Storms, M., ... Menzel, R. (2016). Honeybees learn landscape features during exploratory orientation flights. *Current Biology*, 26, 2800–2804.

Degen, J., Kirbach, A., Reiter, L., Lehmann, K., Norton, P., Storms, M., Menzel, R. (2015). Exploratory behaviour of honeybees during orientation flights. *Animal Behaviour*, 102, 45–57.

Greggers, U., Schöning, C., **Degen, J.**, & Menzel, R. (2013). Scouts behave as streakers in honeybee swarms. *Naturwissenschaften*, 100, 805-809.

Menzel, R., Lehmann, K., Manz, G., **Fuchs, J.**, Koblöfsky, M., & Greggers, U. (2012). Vector integration and novel shortcutting in honeybee navigation. *Apidologie*, 43, 229-243.

Menzel, R., Kirbach, A., Haass, W.-D., Fischer, B., **Fuchs, J.**, Koblöfsky, M., ... Greggers, U. (2011). A common frame of reference for learned and communicated vectors in honeybee navigation. *Current Biology*, 21, 645-650.

Menzel, R., **Fuchs, J.**, Nadler, L., Weiss, B., Kumbischinski, N., Adebisi, D., ... Greggers, U. (2010). Dominance of the odometer over serial landmark learning in honeybee navigation. *Naturwissenschaften*, 97, 763-767.

Book chapter

Menzel, R., **Fuchs, J.**, Kirbach, A., Lehmann, K., & Greggers, U. (2011). Navigation and communication in honey bees. In C.G. Galizia, D. Eisenhardt, & M. Giurfa (Eds.), *Honeybee neurobiology and behavior. A tribute to Randolph Menzel* (pp. 103-116). Dordrecht, Heidelberg, London, New York: Springer Verlag.

Others

Fuchs, J., Grohmann, C., Rödel, M. O., Penner, J. (2006). Ökologische Untersuchungen an Reptilien einer Dornbuschsavanne in Zentralnamibia – Unwägbarkeiten der Freilandforschung. *Elaphe*, 4, 45-50.