

List of publications

1. **Roy, T.**, Kotrschal, A., Arlinghaus, R. (2024). Evolutionary changes in cognition due to fisheries mortality? Trends in Ecology and Evolution 39(9), 797-799
2. **Roy, T.**, Rohr, T., Arlinghaus, R. (2023). Size-selective harvesting impacts learning and decision-making in zebrafish, *Danio rerio*. Behavioral Ecology 34(4), 682-694
3. Sbragaglia, V., **Roy, T.**, Thörnqvist, P.-O., López-Olmeda, J. F., Winberg, S., Arlinghaus, R. Evolutionary implications of size-selective mortality on the ontogenetic development of shoaling: a neurochemical approach using a zebrafish, *Danio rerio*, harvest selection experiment. Behavioral Ecology and Sociobiology 76: 154
4. **Roy, T.**, Arlinghaus, R. Size-selective harvesting foster changes in collective risk-taking behaviour through ontogenetic changes in zebrafish, *Danio rerio*. Oecologia 200: 89-106
5. **Roy, T.**, Fromm, K., Sbragaglia, V., Bierbach, D., Arlinghaus, R. 2021 Size selective harvesting does not result in reproductive isolation among experimental lines of zebrafish, *Danio rerio*: implications for managing harvest-induced evolution. Biology 10: 113
6. **Roy, T.**, Suriyampola, P. S., Flores J., Lopez M., Hickey C., Bhat, A., Martins, E. P. 2019 Color preferences affect learning in zebrafish, *Danio rerio*. Scientific Reports 9: 14531
7. **Roy, T.**, Bhat, A. 2018 Repeatability in boldness and aggression among wild zebrafish *Danio rerio* from two differing predation and flow regimes. Journal of Comparative Psychology 132: 349-360
8. **Roy, T.**, Bhat, A. 2018. Divergences in learning and memory among wild zebrafish: Do sex and body-size play a role? Learning & Behavior 46: 124–133
9. **Roy, T.**, Bhat, A. 2018. Population, sex and body-size: Determinants of behavioural variations and behavioural correlations among wild zebrafish *Danio rerio*? Royal Society Open Science 5: 170978
10. **Roy, T.**, Bhat, A. 2017. Social learning in maze? Contrasting individual performance among wild zebrafish when associated with trained and naïve conspecific. Behavioural Processes 144: 51-57
11. **Roy, T.**, Shukla, R., Bhat, A. 2017. Risk-taking during feeding: Between and within-population variation, and repeatability across contexts among wild zebrafish. Zebrafish 14: 393-403
12. Suriyampola, P. S., Shelton, D. S., Shukla, R., **Roy, T.**, Bhat, A., Martins, E. P. 2016. Zebrafish social behavior in the wild. Zebrafish 13: 1-8
13. **Roy, T.** Bhat, A. 2016. Learning and memory in juvenile zebrafish: What makes the difference - population or rearing environment? Ethology 122: 308-318
14. **Roy T.**, Bhat A. 2015. Can outcomes of dyadic interactions be consistent across contexts among wild zebrafish? Royal Society Open Science 2: 150282