



Faculty of Science



Zoology Department

قائمة النشر العلمي لـاعضاء هيئة التدريس بقسم علم الحيوان

لعام 2024

- 1- Vornanen, M., **Badr, A.**, and Haverinen, J. (2024). Cardiac arrhythmias in fish induced by natural and anthropogenic changes in environmental conditions. *Journal of Experimental Biology*, 227(20), jeb247446.
- 2- Haverinen, J., **Badr, A.**, Korajoki, H., Hassinen, M., and Vornanen, M. (2024). Dual effect of polyaromatic hydrocarbons on sarco (endo) plasmic reticulum calcium ATPase (SERCA) activity of a teleost fish (*Oncorhynchus mykiss*). *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*, 276, 109785.
- 3- Haverinen, J., **Badr, A.**, Eskelinen, M., and Vornanen, M. (2024). Three steps down: metabolic depression in winter-acclimatized crucian carp (*Carassius carassius* L.). *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology*, 287, 111537.
- 4- **Abdelsaleheen, O.**, Kortet, R., and Vornanen, M. (2024). Species-specific differences and temperature-dependence of Na^+/K^+ -ATPase in freshwater mussels *Anodonta anatina* and *Unio tumidus* (Bivalvia: Unionidae). *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology*, 296, 111698.
- 5- **Abdelsaleheen, O.**, Taskinen, J., and Kortet, R. (2024). Reproductive cycle, fecundity and growth of the freshwater mussel *Unio tumidus* (Bivalvia: Unionidae) from Lake Viinijärvi, Finland. *Journal of Molluscan Studies*, 90(3), eyae024.
- 6- **Abdelsaleheen, O.**, Taskinen, J., Kekäläinen, J., and Kortet, R. (2024). Reproduction cycle, trematode parasitism and growth of freshwater mussel *Anodonta anatina* (Bivalvia: Unionidae). *Hydrobiologia*, 851(7), 1789-1805.

7- **Abdelsaleheen, O.** (2024). Variations in shell morphology of freshwater mussels *Anodonta anatina* and *Unio tumidus* (Bivalvia: Unionidae) from Lake Polvijärvi, Finland. *Journal of Environmental Studies*, 33(1), 1-6.