

Surname and name of student	Publication output for which a premium scholarship is awarded
Avramović Mladen	Bosse, A.P.H., McCallum, E.S., Avramović, M. , Bertram, M.G., Blom, E.L., Červený, D., Gronlund, S.N., Leander, J., Lundberg, P., Martin, J.M., Michelangeli, M., Persson, L., Brodin, T., 2022. Pharmaceutical pollution disrupts the behavior and predator-prey interactions of two widespread aquatic insects. <i>iScience</i> 25: 105672. (IF 2021 = 6,107; AIS 2021 = 1,633)
Kifayatullah	Shabbir, S., Boruah, P., Kulyar, M.F., Bhutta, Z.A., Nawaz, M., Ashar, A., Mahfooz, A., Khan, M.S., Miao, X., Jabeen, F., Kifayatullah , 2023. Nephroprotective Effect of Cinnamon cassia and Azadirachta indica on Titanium Dioxide Nanoparticles. <i>Current Nanoscience</i> 19: 291–303. (IF 2021 = 1,513; AIS 2021 = 0,156) Kifayatullah , Kor, G., Kouba, A., Kozák, P., Niksirat, H., 2023. Hemocyte coagulation and phagocytic behavior in early stages of injury in crayfish (Arthropoda: Decapoda) affect their morphology. <i>Developmental and Comparative Immunology</i> 141: 104618. (IF 2021 = 3,605; AIS 2021 = 0,634)
Kor Golara	Kifayatullah, Kor, G. , Kouba, A., Kozák, P., Niksirat, H., 2023. Hemocyte coagulation and phagocytic behavior in early stages of injury in crayfish (Arthropoda: Decapoda) affect their morphology. <i>Developmental and Comparative Immunology</i> 141: 104618. (IF 2021 = 3,605; AIS 2021 = 0,634)
Nováková Petra	Fialová, P., Grabic, R., Grabicová, K., Nováková, P. , Švecová, H., Kaserzon, S., Thompson, K., Vrana, B., 2023. Performance evaluation of a diffusive hydrogel-based passive sampler for monitoring of polar organic compounds in wastewater. <i>Science of the Total Environment</i> 864: 161071. (IF 2021 = 10,753; AIS 2021 = 1,398) Kodešová, R., Fedorova, G., Kodeš, V., Kočárek, M., Rieznyk, O., Fér, M., Švecová, H., Klement, A., Bořík, A., Nikodem, A., Grabic, R., 2023. Assessment of potential mobility of selected micropollutants in agricultural soils of the Czech Republic using their sorption predicted from soil properties. <i>Science of the Total Environment</i> 865: 161174. (IF 2021 = 10,753; AIS 2021 = 1,398)
Sotnikov Anatolii	Sotnikov, A. , Rodina, M., Stechkina, T., Benevente, C.F., Gela, D., Boryshpolets, S., Kholodnyy, V., Linhart, O., Dzyuba, B., 2023. High sperm concentration during cryopreservation decreases post-thaw motility percentage without compromising in vitro fertilization outcomes in common carp. <i>Aquaculture</i> 562: 738746. (IF 2021 = 5,135; AIS 2021 = 0,635) Rahi, D., Dzyuba, B., Sotnikov, A. , Rodina, M., Cheng, Y., Rodinová, V., Dzyuba, V., 2023. Bioenergetic pathways during non-activation, post-activation, and reactivation of motility exhausted sterlet (<i>Acipenser ruthenus</i>) spermatozoa. <i>Aquaculture</i> 566: 739221. (IF 2021 = 5,135; AIS 2021 = 0,635)
Soto Almena Ismael	Balzani, P., Cuthbert, R.N., Briski, E., Galil, B., Castellanos-Galindo, G.A., Kouba, A., Kourantidou, M., Leung, B., Soto, I. , Haubrock, P.J., 2022. Knowledge needs in economic costs of invasive species

	<p>facilitated by canalisation. <i>NeoBiota</i> 78: 207–223. (IF 2021 = 4,225; AIS 2021 = 0,915)</p> <p>Soto, I., Cuthbert, R.N., Ahmed, D.A., Kouba, A., Domisch, S., Marquez, J.R.G., Beidas, A., Amatulli, G., Kiesel, J., Shen, L.Q., Florencio, M., Lima, H., Briski, E., Altermatt, F., Archambaud-Suard, G., Borza, P., Csabai, Z., Datry, T., Floury, M., Forcellini, M., Fruget, J.F., Leitner, P., Lizée, M.H., Maire, A., Ricciardi, A., Schäfer, R.B., Stubbington, R., Van der Lee, G.H., Várбірó, G., Verdonschot, R.C.M., Haase, P., Haubrock, P.J., 2023. Tracking a killer shrimp: <i>Dikerogammarus villosus</i> invasion dynamics across Europe. <i>Diversity and Distributions</i> 29: 157–172. (IF 2021 = 5,714; AIS 2021 = 1,400)</p> <p>Hen, G.L., Balzani, P., Haase, P., Kouba, A., Liu, C., Nagelkerke, L.A.J., Theissen, N., Renault, D., Soto, I., Haubrock, P.J., 2023. Alien species and climate change drive shifts in a riverine fish community and trait compositions over 35 years. <i>Science of the Total Environment</i> 867: 161486. (IF 2021 = 10,753; AIS 2021 = 1,398)</p> <p>Soto, I., Ahmed, D.A., Beidas, A., Oficialdegui, F.J., Tricarico, E., Angeler, D.G., Amatulli, G., Briski, E., Datry, T., Dohet, A., Domisch, S., England, J., Feio, M.J., Forcellini, M., Johnson, R.K., Jones, J.I., Larranaga, A., L’Hoste, L., Murphy, J.F., Schäfer, R.B., Shen, Q., Kouba, A., Haubrock, P.J., 2023. Long-term trends in crayfish invasions across European rivers. <i>Science of the Total Environment</i> 867: 161537. (IF 2021 = 10,753; AIS 2021 = 1,398)</p>
Třešňáková Nikola	<p>Třešňáková, N., Famulari, S., Zicarelli, G., Impellitteri, F., Pagano, M., Presti, G., Filice, M., Caferro, A., Gulotta, E., Salvatore, G., Šandová, M., Vazzana, I., Imbrogno, S., Capillo, G., Savoca, S., Velíšek, J., Faggio, C., 2023. Multi-characteristic toxicity of enantioselective chiral fungicide tebuconazole to a model organism Mediterranean mussel <i>Mytilus galloprovincialis</i> Lamarck, 1819 (Bivalve: Mytilidae). <i>Science of the Total Environment</i> 862: 160874. (IF 2021 = 10,753; AIS 2021 = 1,398)</p> <p>Shabbir, S., Boruah, P., Kulyar, M.F., Bhutta, Z.A., Nawaz, M., Ashar, A., Mahfooz, A., Khan, M.S., Miao, X., Jabeen, F., Kifayatullah, 2023. Nephroprotective Effect of Cinnamon cassia and <i>Azadirachta indica</i> on Titanium Dioxide Nanoparticles. <i>Current Nanoscience</i> 19: 291–303. (IF 2021 = 1,513; AIS 2021 = 0,156)</p>
Zhang Songpei	<p>Rahi, D., Dzyuba, B., Sotnikov, A., Rodina, M., Cheng, Y., Rodinová, V., Dzyuba, V., 2023. Bioenergetic pathways during non-activation, post-activation, and reactivation of motility exhausted sterlet (<i>Acipenser ruthenus</i>) spermatozoa. <i>Aquaculture</i> 566: 739221. (IF 2021 = 5,135; AIS 2021 = 0,635)</p>