

## Seznam publikovaných vědeckých a odborných prací

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### 2022

#### Vědecké články v časopisech s IF

##### *Papers in peer reviewed journals and their IF*

- Dadras, H., Golpour, A., Rahi, D., Lieskovská, J., Dzyuba, V., Gazo, I., Polícar, T., 2022. Cryopreservation of sterlet, *Acipenser ruthenus* spermatozoa: Evaluation of quality parameters and fine ultrastructure. *Frontiers in Marine Science*, 9: 783278. (IF 2020 = 4,912)
- Imentai, A., Gilannejad, N., Martínez-Godríguez, G., Moyano López, F.J., Martínez, F.P., Pěnka, T., Dzyuba, V., Dadras, H., Polícar, T., 2022. Effects of first feeding regime on gene expression and enzyme activity in pikeperch (*Sander lucioperca*) larvae. *Frontiers in Marine Science*, 9: 864536. (IF 2020 = 4,912)
- Knowles, J., Vysloužil, J., Polícar, T., Milla, S., Holická, M., Podhorec, P., 2022. Spawning performance and sex steroid levels in female pikeperch *Sander lucioperca* treated with poly(lactic-co-glycolic acid) microparticles. *Animals*, 12: 208. (IF 2020 = 2,752)
- Malinovskyi, O., Rahimnejad, S., Stejskal, V., Boňko, D., Stará, A., Velíšek, J., Polícar, T., 2022. Effects of different photoperiods on growth performance and health status of largemouth bass (*Micropterus salmoides*) juveniles. *Aquaculture*, 548: 737631. (IF 2020 = 4,242)

### 2021

#### Vědecké články v časopisech s IF

##### *Papers in peer reviewed journals and their IF*

- Dadras, H., Blecha, M., Malinovskyi, O., Flajšhans, M., Lebeda, I., Křišťan, J., Polícar, T., 2021. Triploidisation in pikeperch (*Sander lucioperca*) induced by cold shock. *Aquaculture*, 533: 736236. (IF 2020 = 4,242)
- Dadras, H., Polícar, T., Loginov, D., Boryshpolets, S., Loginova, Y., Sampels, S., Sotnikova, A., Kholodnyy, V., Sterba, J., Xin, M., Dzyuba, B., 2021. Relationship of motility activation to lipid composition, protein profile, and swelling rate of burbot *Lota lota* spermatozoon following change of temperature and osmolality. *Frontiers in Marine Science*, 8: 736087. (IF 2020 = 4,912)
- Malinovskyi, O., Polícar, T., Rahimnejad, S., Křišťan, J., Dzyuba, B., Blecha, M., Boryshpolets, S., 2021. Multiple sperm collection as an effective solution for gamete management in pikeperch (*Sander lucioperca*). *Aquaculture*, 530: 735870. (IF 2020 = 4,242)
- Kristan J., Dadras, H., Polícar, T., 2021. Optimization of short-term storage of pikeperch *Sander lucioperca* semen: an applicable approach. *Animal*, 15: 100001. (IF 2020 = 3,240)
- Kolářová, J., Křišťan, J., Malinovskyi, O., Velíšek, J., Stará, A., Rahimnejad, S., Polícar, T., 2021. Effects of ozonation on water quality and pikeperch (*Sander lucioperca*) performance in recirculating aquaculture system. *Czech Journal of Animal Science*, 66(09): 381–390. (IF 2020 = 1,267)
- Pěnka, T., Malinovskyi, O., Křišťan, J., Imentai, A., Polícar, T., 2021. Effect of density and mixed culture of largemouth bass (*Micropterus salmoides*) and pikeperch (*Sander lucioperca*) on growth, survival and feed conversion rate in intensive culture. *Czech Journal of Animal Science*, 66 (10): 428–440. (IF 2020 = 1,267)

- Rahi, D., Dzyuba, B., Policar, T., Malinovskyi, O., Rodina, M., Dzyuba, V., 2021. Bioenergetic pathways in the sperm of an under-ice spawning fish, burbot (*Lota lota*): The Role of mitochondrial respiration in a varying thermal environment. *Biology*, 10: 739. (IF 2020 = 5,079)
- Rahimnejad, S., Dabrowski, K., Izquierdo, M., Malinovskyi, O., Kolářová, J., Policar T., 2021. Effects of dietary protein and lipid levels on growth, body composition, blood biochemistry, antioxidant capacity and ammonia excretion of European grayling (*Thymallus thymallus*). *Frontiers in Marine Science*, 8: 715636. (IF 2020 = 4,921)
- Rahimnejad, S., Dabrowski, K., Izquierdo, Hematyar, N., Imentai, A., Steinbach, C., Policar, T., 2021. Effects of vitamin C and E supplementation on growth, fatty acid composition, innate immunity, and antioxidant capacity of rainbow trout (*Oncorhynchus mykiss*) fed oxidized oil. *Frontiers in Marine Science*, 8: 760587. (IF 2020 = 4,921)
- Waghmare, S.G., Samarin, A.M., Samarin, A.M., Danielsen, M., Møller, H.S., Policar, T., Linhart, O., Dalsgaard, T.K., 2021. Histone acetylation dynamics during in vivo and in vitro oocyte aging in common carp *Cyprinus carpio*. *International Journal of Molecular Sciences*, 22(11): 6036. (IF 2020 = 5,924)
- Waghmare, S.G., Samarin, A.M., Franěk, R., Pšenička, M., Policar, T., Linhart, O., Samarin, A.M., 2021. Oocyte ageing in zebrafish *Danio rerio* (Hamilton, 1822) and its consequence on the viability and ploidy anomalies in the progeny. *Animals*, 11: 912. (IF 2020 = 2,752)

**Odborné a vědecké články v časopisech bez IF**  
***Papers in peer reviewed journals without IF***

- Kawai, T., Policar, T., Kouba, A., 2021. Morphology and formulae of gills in European Astacidae. *Freshwater Crayfish*, 26(2): 127–137.

**2020**

**Vědecké články v časopisech s IF**  
***Papers in peer reviewed journals and their IF***

- Imentai, A., Rašković, B., Steinbach, Ch., Rahimnejad, S., Yanes-Roca, C., Policar, T., 2020. Effects of first feeding regime on growth performance, survival rate and development of digestive system in pikeperch (*Sander lucioperca*) larvae. *Aquaculture*, 529: 735636. (IF 2019 = 3,225)
- Kristan, J., Samarin, A.M., Malinovskyi, O., Policar, T., 2020. Gamete management for artificial reproduction of northern pike *Esox lucius* (Linnaeus, 1758). *Aquaculture*, 528: 735575. (IF 2019 = 3,225)
- Lu, K., Policar, T., Song, X., Rahimnejad, S., 2020. Molecular characterization of PGC-1 $\beta$  (PPAR gamma coactivator 1 $\beta$ ) and its roles in mitochondrial biogenesis in blunt snout bream (*Megalobrama amblycephala*). *International Journal of Molecular Sciences*, 21: 1935. (IF 2019 = 4,556)
- Malinovskyi, O., Blecha, M., Křišťan, J., Policar, T., 2020. Feeding activity of pikeperch (*Sander lucioperca*) under winter and spring photo-thermal conditions of pre-spawning period. *Aquaculture Research*, 51: 852–857. (IF 2019 = 1,748)
- Stejskal, V., Matoušek, J., Prokešová, M., Podhorec, P., Křišťan, J., Policar, T., Gebauer, T., 2020. Fin damage and growth parameters relative to stocking density and feeding method in intensively cultured European perch (*Perca fluviatilis* L.). *Journal of Fish Diseases*, 43: 253–262. (IF 2019 = 2,318)
- Šetlíková, I., Maciarzová, S., Bláha, M., Policar, T., 2020. Silver carp (*Hypophthalmichthys molitrix*) can non-mechanically digest cyanobacteria. *Fish Physiology and Biochemistry*, 46: 771–776. (IF 2019 = 2,249)
- Roche, J., Hergalant, S., Depp, A., Ammar, I.B., Lafont, A.G., Policar, T., Fontaine, P., Milla, S., 2020. First identification of dopamine receptors in pikeperch, *Sander lucioperca*, during the pre-ovulatory period. *Comparative Biochemistry and Physiology D: Genomics and Proteomics*, 36: 100747. (IF 2019 = 3,011)
- Yanes-Roca, C., Leclercq, E., Veselý, L., Malinovskyi, O., Policar, T., 2020. Use of lactic acid bacteria during pikeperch (*Sander lucioperca*) larval rearing. *Microorganisms*, 8: 838. (IF 2019 = 4,152)

- Yanes-Roca, C., Holzer, A., Mraz, J., Veselý, L., Malinovskyi, O., **Policar, T.**, 2020. Improvements on live feed enrichments for pikeperch (*Sander lucioperca*) larval culture. *Animals*, 10: 401. (IF 2019 = 2,323)
- Hematyar, N., **Policar, T.**, Samarin, A.M., Sampels, S., Gazo I., Mraz, J., 2020. Comparison between lipid and protein oxidation progress in the tail and claw muscles of signal crayfish (*Pacifastacus leniusculus*). *International Journal of Food Science and Technology*, 55: 3622–3629. (IF 2019 = 2,773)
- Ganeva, V. O., Korytář, T., Pecková, H., McGurk, C., Mullins, J., Yanes-Roca, C., Gela, D., Lepič, P., **Policar, T.**, Holzer, A.S., 2020. Natural feed additives modulate immunity and mitigate infection with *Spaerospora molnari* (Myxozoa: Cnidaria) in common carp: a pilot study. *Pathogens*, 9: 1013. (IF 2019 = 3,018)

**2019**

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***Papers in peer reviewed journals and their IF***

- Blecha, M., Malinovskyi, O., Veselý, L., Křistan, J., **Policar, T.**, 2019. Swim bladder inflation failure in pikeperch (*Sander lucioperca*) larvae in pond culture. *Aquaculture International*, 27: 983–989. (IF 2018 = 1,455)
- Dadras, H., Boryshpolets, S., Golpour, A., **Policar, T.**, Blecha, M., Dzyuba, B., 2019 Effects of temperature on sperm motility of burbot *Lota lota*: spontaneous activation and calcium dependency. *Journal of Fish Biology*, 95: 1137–1144. (IF 2018 = 2,038)
- Dadras, H., Golpour, A., Dzyuba, B., Kristan, J., **Policar, T.**, 2019. Ultrastructural feature of spermatogenic cells and spermatozoon in cultured burbot *Lota lota*. *Tissue and Cell*, 61: 1–7. (IF 2018 = 1,553)
- Engel, K.M., Sampels, S., Dzyuba, B., Podhorec, P., **Policar, T.**, Dannenberger, D., Schiller, J., 2019. Swimming at different temperatures: The lipid composition of sperm from three freshwater fish species determined by mass spectrometry and nuclear magnetic resonance spectroscopy. *Chemistry and Physics of Lipids*, 221: 65–72. (IF 2018 = 2,536)
- Imentai, A., Yanes-Roca, C., Steinbach, Ch., **Policar, T.**, 2019. Optimized application of rotifers *Brachionus plicatilis* for rearing pikeperch *Sander lucioperca* L. larvae. *Aquaculture International*, 27: 1137–1149. (IF 2018 = 1,455)
- Imentai, A., Yanes-Roca, C., Malinovskyi, O., **Policar, T.**, 2019. Effect of *Brachionus plicatilis* density on pikeperch (*Sander lucioperca* L.) larva performance at first feeding. *Journal of Applied Ichthyology*, 35: 1292–1294. (IF 2018 = 0,877)
- Kristan, J., Blecha, M., **Policar, T.**, 2019. Survival and growth rates of juvenile grass carp *Ctenopharyngodon idella* overwintered in ponds and recirculating aquaculture systems, and a comparison of production economics. *Turkish Journal of Fisheries and Aquatic Sciences*, 3: 261–266. (IF 2018 = 0,738)
- Lundova, K., Matousek, J., Prokesova, M., Sebesta, R., **Policar, T.**, Stejskal, V., 2019. The effect of timing of extended photoperiod on growth and maturity of brook trout (*Salvelinus fontinalis*). *Aquaculture Research*, 50: 1697–1704. (IF 2018 = 1,502)
- Malinovskyi, O., Kolářová, J., Blecha, M., Stará, A., Velíšek, J., Křišťan, J., **Policar, T.**, 2019. Behavior and physiological status of pond-cultured pikeperch (*Sander lucioperca*) broodstock effected by sexual interactions throughout semi-artificial reproduction. *Aquaculture International*, 27: 1093–1107. (IF 2018 = 1,455)
- Policar, T.**, Malinovskyi, O., Kristan, J., Stejskal, V., Samarin, A.M., 2019. Post-spawning bath treatments to reduce morbidity and mortality of pond-cultured pikeperch (*Sander lucioperca* L.) broodstock. *Aquaculture International*, 27: 1065–1078. (IF 2018 = 1,455)
- Policar, T.**, Schaefer, F., Panana, E., Meyer, S., Teerlinck, S., Toner, D., Žarski, D., 2019. Recent progress in European percid fish culture production technology – Tackling bottlenecks. *Aquaculture International*, 27: 1151–1174. (IF 2018 = 1,455)

- Samarin, A.M., Samarin, A.M., **Policar, T.**, 2019. Cellular and molecular changes associated with fish oocyte ageing. *Reviews in Aquaculture*, 11: 619–630. (IF 2018 = 7,190)
- Samarin, A. M., Samarin, A. M., Østbye, T.K.K., Ruyter, B., Sampels, S., Burkina, V., Blecha, M., **Policar, T.**, 2019. The possible involvement of oxidative stress in the oocyte ageing process in goldfish *Carassius auratus* (Linnaeus, 1758). *Scientific Reports*, 9: 10439. (IF 2018 = 4,011)
- Samarin, A. M., Samarin, A. M., Østbye, T.K.K., Ruyter, B., Sampels, S., Burkina, V., Blecha, M., Gela, D., **Policar, T.**, 2019. Alteration of mRNA abundance, oxidation products and antioxidant enzyme activities during oocyte ageing in common carp *Cyprinus carpio*. *Plos ONE*, 14(2): e0212694. (IF 2018 = 2,776)
- Samarin, A.M., Samarin, A.M., Blecha, M., Kristan, J., **Policar, T.**, 2019. In vitro storage of pikeperch (*Sander lucioperca*) eggs. *Aquaculture International*, 27: 1037–1044. (IF 2018 = 1,455)
- Korytář, T., Wiegertjes, G.F., Zusková, E., Tomanová, A., Lisnerová, M., Patra, S., Sieranski, V., Šíma, R., Born-Torrijos, A., Wentzel, A. S., Blasco-Monleon, S., Yanes-Roca, C., **Policar, T.**, Holzer, A.S., 2019. The kinetics of cellular and humoral immune responses of common carp to presporogonic development of the myxozoan *Sphaerospora molnari*. *Parasites & Vectors*, 12: 208. (IF 2018 = 3,031)
- Korytář, T., Wiegertjes, G.F., Zusková, E., Tomanová, A., Lisnerová, M., Patra, S., Sieranski, V., Šíma, R., Born-Torrijos, A., Wentzel, A. S., Blasco-Monleon, S., Yanes-Roca, C., **Policar, T.**, Holzer, A.S., 2019. Immune response of common carp to presporogonic development of myxozoan *Sphaerospora molnari*. *Fish & Shellfish Immunology*, 91: 466–467. (IF 2018 = 3,298)
- Žarski, D., Toner, D., **Policar, T.**, Meyer, S., Teerlinck, S., 2019. Preface. *Aquaculture International*, 27: 915–916. (IF 2018 = 1,455)

#### **Odborné a vědecké články v časopisech bez IF**

##### ***Papers in peer reviewed journals without IF***

- Kolářová, J., **Policar, T.**, 2019. Zdravotní problematika ryb chovaných v recirkulačních akvakulturních systémech (RAS) v ČR – přehled. *Veterinářství*, 69: 412–417.
- Kolářová, J., **Policar, T.**, Nepejchalová, L., 2019. Aspekty bezpečného používání léčivých a dalších látek používaných v intenzivních chovech ryb využívajících technologii RAS (recirkulační akvakulturní systémy). *Veterinářství*, 69: 418–421.

**2018**

#### **Vědecké články v časopisech s IF**

##### ***Papers in peer reviewed journals and their IF***

- Blecha, M., Dzyuba, B., Boryshpolets, S., Horokhovatskiy, Y., Dadras, H., Malinovskiy, O., Sampels, S., **Policar, T.**, 2018. Spermatozoa quality and sperm lipid composition in intensively cultured and wild burbot (*Lota lota*). *Animal Reproduction Science*, 198: 129–136. (IF 2017 = 1,647)
- Bondarenko, V., Blecha, M., **Policar, T.**, 2018. Changes of sperm morphology, volume, density and motility parameters in northern pike (*Esox lucius* L.) during the reproductive season. *Fish Physiology and Biochemistry*, 44: 1591–1597. (IF 2017 = 1,735)
- Kristan, J., Zarski, D., Blecha, M., **Policar, T.**, Malinovskiy, O., Samarin, A.M., Palinska-Zarska, K., Nowosad, J., Krejszeff, S., Kucharczyk, D., 2018. Fertilizing ability of gametes at different post-activation times and the sperm-oocyte-ratio in the artificial reproduction of pikeperch *Sander lucioperca*. *Aquaculture Research*, 49: 1383–1388. (IF 2017 = 1,475)
- Khendek, A., Chakraborty, A., Roche, J., Ledoré, Y., Personne, A., **Policar, T.**, Žarski, D., Mandiki, R., Kestemont, P., Milla, S., Fontaine, P., 2018. Rearing conditions and life history influence the progress of gametogenesis and reproduction performances in pikeperch males and females. *Animal*, 12 (11): 2335–2346. (IF 2017 = 1,870)
- Malinovskiy, O., Veselý, L., Blecha, M., Křišťan, J., **Policar, T.**, 2018. The substrate selection and spawning behavior of pikeperch *Sander lucioperca* L. broodstock under pond conditions. *Aquaculture Research*, 49: 3541–3547. (IF 2017 = 1,475)

- Policar, T.,** Bondarenko, V., Bezusyj, O., Stejskal, V., Kristan, J., Malinovkyi, O., Imentai, A., Blecha, M., Pylypenko, Y., 2018. Crayfish in central and southern Ukraine with special focus on populations of indigenous crayfish *Astacus pachypus* (Rathke, 1837) and their conservation needs. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 28: 6–16. (IF 2017 = 2,988)
- Roche, J., Źarski, D., Khendek, A., Ben Ammar, I., Broquard, C., Depp, A., Ledoré, Y., **Policar, T.,** Fontaine, P., Milla, S., 2018. D1, but not D2, dopamine receptor regulates steroid levels during the final stages of pikeperch gametogenesis. *Animal*, 12: 2587–2597. (IF 2017 = 1,870)
- Samarin, A. M., Sampels, S., **Policar, T.,** Rodina, M., Hematyar, N., Samarin, A. M., 2018. mRNA abundance changes during *in vitro* oocyte ageing in African catfish *Clarias gariepinus* (Burchell, 1822). *Aquaculture Research*, 49: 1037–1045. (IF 2017 = 1,475)
- Samarin, A. M., Sampels, S., Krzyśków, A., Burkina, V., Kristan, J., Gela, D., Flajshans, **Policar, T.,** Samarin, A. M., 2018. Egg oxidation status, antioxidant enzyme activities, lipid classes, fatty acid composition profile and embryo survival rates during *in vitro* oocyte ageing in tench *Tinca tinca* (Linnaeus, 1758). *Aquaculture Research*, 49: 2305–2316. (IF 2017 = 1,475)
- Yanes-Roca, C., Mráz, J., Born-Torrijos, A., Holzer, A.S., Imentai, A., **Policar, T.,** 2018. Introduction of rotifers (*Brachionus plicatilis*) during pikeperch first feeding. *Aquaculture*, 497: 260–268. (IF 2017 = 2,710)

## 2017

### Vědecké články v časopisech s IF

#### *Papers in peer reviewed journals and their IF*

- Bláha, M., Uzhytchak, M., Bondarenko, V., **Policar, T.,** 2017. The least known European native crayfish *Astacus pachypus* (Rathke, 1837) revealed its phylogenetic position. *Zoologischer Anzeiger*, 267: 151–154. (IF 2016 = 1,200)
- Güralp, H., Pocherniaieva, K., Blecha, M., **Policar, T.,** Pšenička, M., Saito, T., 2017. Migration of primordial germ cells during late embryogenesis of pikeperch *Sander lucioperca* relative to blastomere transplantation. *Czech Journal of Animal Science*, 62: 121–129. (IF 2016 = 0,741)
- Güralp, H., Pocherniaieva, K., Blecha, M., **Policar, T.,** Pšenička, M., Saito, T., 2017. Development, and effect of water temperature on development rate, of pikeperch *Sander lucioperca* embryos. *Theriogenology*, 104: 94–104. (IF 2016 = 1,986)
- Khendek, A., Alix, M., Viot, S., Ledoré, Y., Rousseau, C., Mandiki, R., Kestemont, P., **Policar, T.,** Fontaine, P., Milla, S., 2017. How does a domestication process modulate oogenesis and reproduction performances in Eurasian perch? *Aquaculture*, 473: 206–214. (IF 2016 = 2,710)
- Samarin, A.M., Zarski, D., Palinska Zarska, K., Krejszeff, S., Blecha, M., Kucharczyk, D., **Policar, T.,** 2017. *In vitro* storage of unfertilized eggs of the Eurasian perch and its effect on egg viability rates and the occurrence of larval malformations. *Animal*, 11: 78–83. (IF 2016 = 1,921)
- Samarin, A.M., Kazemi, R., Nikbakhsh Golkhaily, J., **Policar, T.,** 2017. Survival rates associated with *in vitro* low-temperature storage of kutum (*Rutilus kutum*) eggs. *Iranian Journal of Fisheries Sciences*, 16 (1): 59–66. (IF 2016 = 0,285)

## 2016

### Vědecké články v časopisech s IF

#### *Papers in peer reviewed journals and their IF*

- Bláha, M., Źurovcová, M., Kouba, A., **Policar, T.,** Kozák, P., 2016. Founder event and its effect on the genetic variation in translocated populations of noble crayfish (*Astacus astacus*). *Journal of Applied Genetics*, 57: 99–106. (IF 2015 = 1,929)
- Blecha, M., Flajshans, M., Lebeda, I., Kristan, J., Svacina, P., **Policar, T.,** 2016. Triploidisation of pikeperch (*Sander lucioperca*), first success. *Aquaculture*, 462: 115–117. (IF 2015 = 1,893)
- Blecha, M., Kristan, J., **Policar, T.,** 2016. Adaptation of intensively reared pikeperch (*Sander lucioperca* L.) juveniles to pond culture and subsequent re-adaptation to a recirculation aquaculture system. *Turkish Journal of Fisheries and Aquatic Sciences*, 16: 15–18. (IF 2015 = 0,553)

- Blecha, M., Samarin, A. M., Kříšťan, J., **Polícar, T.**, 2016. Benefits of hormone treatment of both sexes in semi-artificial reproduction of pikeperch (*Sander lucioperca* L.). Czech Journal of Animal Science, 61: 203–208. (IF 2015 = 0,809)
- Güralp, H., Pocherniaieva, K., Blecha, M., **Polícar, T.**, Pšenička, M., Saito, T., 2016. Early embryonic development in pikeperch (*Sander lucioperca*) related to micromanipulation. Czech Journal of Animal Science, 61: 273–280. (IF 2015 = 0,809)
- Kristan, J., Blecha, M., **Polícar, T.**, 2016. Alcalase treatment for elimination of stickiness in pikeperch (*Sander lucioperca* L.) eggs under controlled conditions. Aquaculture Research, 47: 3998–4003. (IF 2015 = 1,606)
- Nebeský, V., **Polícar, T.**, Blecha, M., Kříšťan, J., Svačina, P., 2016. Trends in import and export of fishery products in the Czech Republic during 2010–2015. Aquaculture International, 24: 1657–1668. (IF 2015 = 0,960)
- Polícar, T.**, Blecha, M., Kříšťan, J., Mráz, J., Velíšek, J., Stará, A., Stejskal, V., Malinovskyi, O., Svačina, P., Samarin, A. M., 2016. Comparison of production efficiency and quality of differently cultured pikeperch (*Sander lucioperca* L.) juveniles as a valuable product for ongrowing culture. Aquaculture International, 24: 1607–1626. (IF 2015 = 0,960)
- Samarin, A. M., Blecha, M., Uzhytchak, M., Bytyutskyy, D., Zarski, D., Flajshans, M., **Polícar, T.**, 2016. Post-ovulatory and post-stripping oocyte ageing in northern pike, *Esox lucius* (Linnaeus, 1758), and its effect on egg viability rates and the occurrence of larval malformations and ploidy anomalies. Aquaculture, 450: 431–438. (IF 2015 = 1,893)
- Stejskal, V., Kouřil, J., **Polícar, T.**, Svobodová, Z., 2016. Splenic lipidosis in intensively cultured perch, *Perca fluviatilis* L. Journal of Fish Diseases, 39: 87–93. (IF 2015 = 2,053)
- Svačina, P.**, Příborský, J., Blecha, M., Polícar, T., Velíšek, J., 2016. Haematological and biochemical response of burbot (*Lota lota* L.) exposed to four different anaesthetics. Czech Journal of Animal Science, 61 (9): 414–420. (IF 2015 = 0,809)

<b>2015</b>
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**Vědecké články v časopisech s IF**

***Papers in peer reviewed journals and their IF***

- Blecha, M., Kristan, J., Samarin, A. M., Rodina, M., **Polícar, T.**, 2015. Quality and quantity of pikeperch (*Sander lucioperca*) spermatozoa after varying cold water treatments. Journal of Applied Ichthyology, 31 (Suppl. 2): 75–78. (IF 2014 = 0,867)
- Bondarenko, V., Drozd, B., **Polícar, T.**, 2015. Effect of water temperature on egg incubation time and quality of newly hatched larvae of northern pike (*Esox lucius* L., 1758). Journal of Applied Ichthyology, 31 (Suppl. 2): 45–50. (IF 2014 = 0,867)
- Bondarenko, V., Podhorec, P., Svinger, V., **Polícar, T.**, 2015. Evaluation of different treatments for induction of ovulation in northern pike (*Esox lucius* L.). Turkish Journal of Fisheries and Aquatic Sciences, 15: 581–587. (IF 2014 = 0,566)
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