

Aflatoxins in farmed fish in Estonia

Tanner, Risto; **Tedersoo, Erge** Case studies in food safety and environmental health 2007 / p. 81-84

Against the flow : a Braitenberg controller for a fish robot

Salumäe, Taavi; Rano, Inaki; Akanyeti, Otar; **Kruusmaa, Maarja** 2012 IEEE International Conference on Robotics and Automation : ICRA : Saint Paul, Minnesota, USA, May 14-18, 2012 / p. 4210-4215 : ill <https://ieeexplore.ieee.org/document/6225023>

Artificial lateral line for aquatic habitat modelling: An example for Lefua echigonia

Garcia-Vega, Ana; Fuentes-Perez, Juan Francisco; Fukuda, Shinji; **Kruusmaa, Maarja**; Sanz-Ronda, Francisco Javier; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2021 / art. 101388 <https://doi.org/10.1016/j.ecoinf.2021.101388> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ausblick : Quo vadis Ethohydraulik – welche Entwicklungen gibt es?

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 45-59 https://doi.org/10.1007/978-3-658-32824-5_4

Beispiele aus der Praxis : Ethohydraulische Befunde - was bedeutet das?

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 23-43 https://doi.org/10.1007/978-3-658-32824-5_3

Beyond the surface : exploring fish dynamics with camera based monitoring

Haas, Christian; Engelberger, Leon; Schmalz, Maria; Tuhtan, Jeffrey Andrew Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / 1 p. <https://doi.org/10.13140/rq.2.2.35129.38249>

Biogenic methane contributes to the food web of a large, shallow lake

Agasild, Helen; Zingel, Priit; Tuvikene, Lea; Tuvikene, Arvo; Timm, Henn; Feldmann, Tõnu; **Salujõe, Jaana**; **Toming, Kaire**; Jones, Roger I.; Nõges, Tiina Freshwater biology 2014 / p. 272-285 : ill <https://doi.org/10.1111/fwb.12263> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioloogiliste objektide spektrokeemiline analüüs keskkonna seisundi hindamisel

Paama, L.; Perämäki, P. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 100-101

Biorobotikute loodud meetodid aitavad kaladel hüdroelektrijaamades ohutumalt liikuda

Mente et Manu 2020 / lk. 32 <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

Chemical and functional properties of myofibrillar protein from selected species of trash fish

Anam, Choirul; Atoum, Manar Fayiz Mousa; Harini, Noor; Damat, Damat; Setyobudi, Roy Hendroko; Wahyudi, Ahmad; Pamujiati, Agustia Dwi; Kuswardhani, Nita; Witono, Yuli; **Liblik, Taavi** Jordan Journal of Biological Sciences 2023 / p. 267-277 : ill <https://doi.org/10.54319/jjbs/160211> [Journal metrics at Scopus](#) [Article at Scopus](#)

Collective responses of a large mackerel school depend on the size and speed of a robotic fish but not on tail motion

Kruusmaa, Maarja; Rieucan, Guillaume; Castillo Montoya, Jose Carlos; **Markna, Riho**; Handegard, Nils Olav Bioinspiration & biomimetics 2016 / p. 1-12 : ill <https://doi.org/10.1088/1748-3190/11/5/056020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of near-body flow fields of a gudgeon and NACA013 profile

Khan, Ali Hassan; **Toming, Gert**; Hoerner, Stefan; **Tuhtan, Jeffrey A.** GeoPlanet: Earth and Planetary Sciences 2024 / p. 231 - 242 https://doi.org/10.1007/978-3-031-56093-4_18 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Cryptic organisation within an apparently irregular rostrocaudal distribution of interneurons in the embryonic zebrafish spinal cord

Wells, Simon; Conran, John; **Tamme, Richard**; Gaudin, Arnaud; Webb, Jonathan; Lardelli, Michael Experimental cell research 2010 / 19, p. 3292-3303 : ill <https://www.sciencedirect.com/science/article/pii/S0014482710003411>

Deodorization of cocoa butter, fish fat and the fat of fur-bearing animals

Rüütman, Tiia; **Kallas, Juha** Fett-Wissenschaft Technologie = Fat-science technology 1994 / 7, p. 259-266: ill

Early Devonian fishes from coastal De Long Strait, central Chukotka, Arctic Russia

Mark-Kurik, Elga; Blicek, Alain; Burrow, Carole J.; Truner, Susan Geodiversitas 2013 / p. 545–578 <https://doi.org/10.5252/g2013n3a3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

EcoPeak4Fish : a multidisciplinary project targeting the protection of fish populations affected by hydropeaking

Boavida, Isabel; Santos, Jose Maria; Costa, Maria Joao; Leite, Renan; Merianne, Anthony; Portela, Maria Manuela; Godinho, Francisco; Leitao, Pedro; Mota, Rui; **Tuhtan, Jeffrey Andrew**; **Pinheiro, Antonio N.** Biology and life sciences forum 2022 / p. 85

Eesti kala täiendas seksi ajalugu

Olesk, Arko Postimees 2014 / lk. 5 <https://teadus.postimees.ee/2986391/eesti-kala-taiendas-seksi-ajalugu>

Eesti teadlase kuldkalakest varjas Läti savi : [TTÜ Geoloogia instituudi teaduri Elga Mark-Kuriku tööst]

Olesk, Arko Tarkade Klubi 2009 / lk. 40-43 : portr

Eesti teadlaste kaamerasüsteem teeb kalaseires revolutsiooni

Nagu kala vees – tehisintellekt jõgedes

Vaaks, Eveliis postimees.ee 2024 [Nagu kala vees – tehisintellekt jõgedes Eesti teadlaste kaamerasüsteem teeb kalaseires revolutsiooni](https://postimees.ee/2986391/eesti-kala-taiendas-seksi-ajalugu)

Eesti teadlaste loodud süsteem aitab kaladel hüdroelektrijaamas ellu jääda

novaator.err.ee 2020 / fot <https://novaator.err.ee/1157348/eesti-teadlaste-loodud-susteem-aitab-kaladel-hydroelektrijaamas-ellu-jaada>

Eesti teadlaste loodud süsteem aitab kaladel hüdroelektrijaamas ellu jääda [Võrguväljaanne]

Tuhtan, Jeffrey Andrew novaator.err.ee 2020 / fot [Eesti teadlaste loodud süsteem aitab kaladel hüdroelektrijaamas ellu jääda](https://novaator.err.ee/1157348/eesti-teadlaste-loodud-susteem-aitab-kaladel-hydroelektrijaamas-ellu-jaada)

Environmental and economic life cycle assessment of enzymatic hydrolysis-based fish protein and oil extraction

Bashiri, Bashir; Cropotova, Janna; Kvangarsnes, Kristine; Gavrilova, Olga; Vilu, Raivo Resources 2024 / art. 61

<https://doi.org/10.3390/resources13050061> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental impact of water exchange blocking in a strait – a multidisciplinary study in the Baltic Sea

Liblik, Taavi; Buschmann, Fred; Siht, Ergo; Kuprijanov, Ivan; Väli, Germa; Lipp, Maarja; Erm, Ants; Laanemets, Jaan;

Eschbaum, Redik; Verliin, Aare; Saks, Lauri; Zekker, Ivar Oceanologia 2024 / p. 9-25 : ill <https://doi.org/10.1016/j.oceano.2023.06.002>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmentally adaptive fish or no-fish classification for river video fish counters using high-performance desktop and embedded hardware

Soom, Jürgen; Pattanaik, Vishwajeet; Leier, Mairo; Tuhtan, Jeffrey Andrew Ecological Informatics 2022 / art. 101817, 14 p. : ill

<https://doi.org/10.1016/j.ecoinf.2022.101817> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimating fish swimming speed using non-invasive backpacksensors in a laboratory flume at high flow velocities

Kopecki, Iana; Tuhtan, Jeffrey Andrew; Wagner, Falko; Roessger, Tom; Hägele, Tobias; Schneider, Matthias; Hoerner, Stefan

Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / 1 p.

https://www.sjweb.de/pdf/ISE_QuebecBackpackSensors_FishSpeed.pdf

Ethohydraulics : a method for nature-compatible hydraulic engineering

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; Tuhtan, Jeffrey Andrew 2022 [https://doi.org/10.1007/978-3-](https://doi.org/10.1007/978-3-658-35416-9)

[658-35416-9](https://doi.org/10.1007/978-3-658-35416-9)

Ethohydraulik : Eine Methode für naturverträglichen Wasserbau

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; Tuhtan, Jeffrey Andrew 2021 [https://doi.org/10.1007/978-3-](https://doi.org/10.1007/978-3-658-32824-5)

[658-32824-5](https://doi.org/10.1007/978-3-658-32824-5)

Feasibility study on distributed flow sensing with inertial sensors in aquaculture fish cages

Ristolainen, Asko; Piho, Laura; Kruusmaa, Maarja Aquacultural Engineering 2022 / art. 102271, 9 p. : ill

<https://doi.org/10.1016/j.aquaeng.2022.102271> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fischverhalten besser verstehen mithilfe von Multiparameterdaten

Bensing, Katharina; Tuhtan, Jeffrey Andrew; Lehmann, Boris 45. Dresdner Wasserbaukolloquium 2022 : „Nachhaltigkeit im Wasserbau – Umwelt, Transport, Energie“ : Technische Universität Dresden – Fakultät Bauingenieurwesen Institut für Wasserbau und Technische Hydromechanik 2022 / S. 103-113 : ill

https://henry.baw.de/bitstream/20.500.11970/108930/1/10_Fischverhalten_Multiparameterdaten_Bensing_.pdf

Fish body geometry reduces the upstream velocity profile in subcritical flowing waters

Bensing, Katharina; Tuhtan, Jeffrey Andrew; Toming, Gert; Khan, Ali Hassan; Lehmann, Boris Aquatic sciences 2022 / p. 1-14 :

ill <https://doi.org/10.1007/s00027-022-00863-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fish downstream passage over weirs at low-head hydropower plants : field study of total dissolved gas concentrations

Süss, Gabor; Albayrak, Ismail; Evers, Frederic M.; Tuhtan, Jeffrey Andrew; Boes, Robert Proceedings of the 10th International

Symposium on Hydraulic Structures 2024 / p. 750 - 759 : ill <https://doi.org/10.3929/ethz-b-000676021>

Fish fauna and fisheries of large European rivers: examples from the Volga and the Danube

Schletterer, Martin; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; Tuhtan, Jeffrey Andrew Hydrobiologia 2018 / p. 45-60 : ill

Fish under pressure : Examining behavioural responses of Iberian barbel under simulated hydropeaking with instream structures

Costa, Maria Joao; **Fuentes-Pérez, Juan Francisco**; Boavida, Isabel; **Tuhtan, Jeffrey Andrew**; Pinheiro, Antonio N. PLoS ONE 2019 / art. e021111525, 25 p. : ill <https://doi.org/10.1371/journal.pone.0211115> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Flow sensing with pressure sensor-based artificial lateral lines : from the laboratory to the field = Veevoolu tajumine rõhusensoritel baseeruvate küljejooneanduritega : laborist välikatseteni

Fuentes-Pérez, Juan Francisco 2019 <https://digi.lib.ttu.ee/i/?12014>

Flussabwärts gerichtete Fischwanderung an mittelgroßen Fließgewässern in Österreich

Schneider, Josef; Ratschan, Clemens; Heisey, Paul; **Tuhtan, Jeffrey Andrew** Wasserwirtschaft 2017 / S. 39-44 : III <https://www.springerprofessional.de/flussabwaerts-gerichtete-fischwanderung-an-mittelgrossen-fluessg/15274054> <https://doi.org/10.1007/s35147-017-0207-0> Journal metrics at Scopus Article at Scopus

Forschung und Technik

Rost, Ulrich; Weibel, Uwe; Wüst, Steffen; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew** Biologische Durchgängigkeit von Fließgewässern : Ausgewählte Beiträge aus der Fachzeitschrift WasserWirtschaft 2017 / S. 491-602 http://dx.doi.org/10.1007/978-3-658-13990-2_6

Hydroacoustic and pressure turbulence analysis for the assessment of fish presence and behavior upstream of a vertical trash rack at a run-of-river hydropower plant

Schmidt, Marc B.; **Tuhtan, Jeffrey Andrew**; Schletterer, Martin Applied sciences 2018 / art. 1723, 20 p. : ill <https://doi.org/10.3390/app8101723> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ice re-crystallization in ice cream using ice structuring proteins from fish

Klesment, Tiina; **Körge, Kristi**; **Laos, Katrin** FOODBALT-2012 : 7th Baltic Conference on Food Science and Technology "Innovative and Healthy Food for Consumers", May 17-18, 2012 : abstracts 2012

Influence of operation modes and fish behavior on fish passage through turbines

Stoltz, Ulli; Geiger, Franz; **Tuhtan, Jeffrey Andrew** IOP Conference Series: Earth and Environmental Science ; 774 2021 / art. 012125 <https://doi.org/10.1088/1755-1315/774/1/012125> Conference Proceedings at Scopus Article at Scopus Article at WOS

Investigating Fish Hydrodynamic Sensing : An Integrated Approach Utilizing Numerical and Experimental Methods [Võrguteavik] = Uurimus kalade hüdrodünaamilise tajumise kohta : integreeritud lähenemine, kasutades numbrilisi ja eksperimentaalseid meetodeid

Khan, Ali Hassan 2025 https://www.ester.ee/record=b5729246*est <https://digikogu.taltech.ee/et/Item/01ab1ec5-371a-442e-9564-04042ce64f53> <https://doi.org/10.23658/taltech.8/2025>

Jõhker kogus ravimijäake jõuab meie kanalisatsiooni! Tehnikaülikooli teadlane Sergei Preis selgitab selle tagajärgi

Preis, Sergei digi.geenius.ee 2024 [Jõhker kogus ravimijäake jõuab meie kanalisatsiooni! Tehnikaülikooli teadlane Sergei Preis selgitab selle tagajärgi](https://digi.geenius.ee/record=b5729246*est)

Kala hakkas lagunema sabast juba aastamijoneid tagasi : [intervjuu Elga Mark-Kurikuga]

Mark-Kurik, Elga; Kukk, Toomas Eesti Loodus 2012 / lk. 34-40 : fot <https://kirjandus.geoloogia.info/reference/18582>

Kala ja kalandustoodete käitlemine

Timberg, Loreida 2020 https://www.ester.ee/record=b5348573*est

Kala kui väga väärtuslik toiduaine

Tedersoo, Erge Maakodu 1997 / 10, lk. 32 https://artiklid.elnet.ee/record=b2071979*est

Kala meie rannavetes

Tedersoo, Erge Maakodu 1998 / 2, lk. 31-32: ill

Kala roiskumine algab peast ...

Tedersoo, Erge Maakodu 1997 / 11, lk. 32: ill

Kalad ja setted ökoindikaatoritena

Ott, Roman; **Hödrejärvi, Helvi**; Paakspuu, V. Keskkonnakaitse : informatsiooniseeria 14 1983 / lk. 12-13 https://www.ester.ee/record=b1249123*est

Kalapääsud vooluvete kompleksel käsitlemisel

2009 https://www.ester.ee/record=b2508504*est

Kalasoomused põlevkivikarjääris

Mark-Kurik, Elga Sirp 2013 / lk. 23 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/2013-10-20-14-16-04-2/>

Kalasümposium Reykjavíkis

Pärnapuu, Mare Keskkonnatehnika 2001 / 6, lk. 8-9 : ill https://artiklid.elnet.ee/record=b1008673*est

Kamerabasiertes Monitoring von Fischen in Deutschland und der Schweiz

Haas, Christian; Meyer, Matthias; Schmalz, Maria; **Tuhtan, Jeffrey Andrew** WasserWirtschaft 2024 / p. 19 - 29

<https://doi.org/10.1007/s35147-024-2401-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Karksi - suurimaid devoni kalaleiuukohti Eestis

Mark-Kurik, Elga XIV aprillikonverentsi "Lähenevad rannad" teesid 2006 / lk. 13-14 https://www.ester.ee/record=b4692902*est

Kas kalades on tõesti elavhõbedat? : [vestlus]

Ott, Roman; Jänes, Harri Kodutohter 1994 / 9, lk. 15-17

Keila-Joal katsetati kalasensoreid

Gnadenteich, Uwe Postimees 2018 / lk. 7

Management of Lake Ülemiste, a drinking water reservoir = Ülemiste järve kui joogiveehoidla haldamine

Pedusaar, Tiia 2010 https://www.ester.ee/record=b2595247*est

Man-made flows from a fish's perspective : autonomous classification of turbulent fishway flows with field data collected using an artificial lateral line

Tuhtan, Jeffrey Andrew; **Fuentes-Pérez, Juan Francisco**; **Toming, Gert**; Schneider, Matthias; Schwarzenberger, Richard;

Schletterer, Martin; **Kruusmaa, Maarja** Bioinspiration & biomimetics 2018 / art. 046006, 17 p. : ill <https://doi.org/10.1088/1748-3190/aabc79>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Meedikud uurisid 385 miljoni aastast patsienti : [devoniajastust pärit kala]

Mark-Kurik, Elga Postimees 2006 / 15. märts, lk. 34 <https://www.postimees.ee/1533401/meedikud-uurisid-385-miljoni-aastast-patsienti>

Merepõhja katev õlireostus ohustab kalu ja põhjaloomi : [TTÜ meresüsteemide instituudi direktori Jüri Elkeni kommentaaridega]

Käärt, Urve; **Elken, Jüri** Eesti Päevaleht 2006 / 10. veebr., lk. 6 <https://epl.delfi.ee/artikkel/51030463/merepohja-katev-olireostus-ohustab-kalu-ja-pohjaloomi>

Monitoring upstream fish passage through a bypass pipe and drop at the fish lift Runserau : comparing dynamic pressure measurements on live fish with passive electronic fish surrogates

Tuhtan, Jeffrey Andrew; **Fuentes-Pérez, Juan Francisco**; Angerer, Thomas; Schletterer, Martin 2018 / 4 p. : ill

<https://amber.international/event/12th-international-symposium-on-ecohydraulics-ise-2018/>

<https://www.etis.ee/Portal/Publications/Display/909d1462-ad33-4f9e-a319-8718098cb63e>

A multiplexed reconfigurable modular FBG-based sensor platform for flow and temperature measurements in the North Sea

Dzipalski, Adrian; Morton, Jonathan A. S.; Papchristou, Nikolitsa; Maier, Robert R. J.; MacPherson, William N.; **Ristolainen, Asko**;

Reilent, Enar; **Kruusmaa, Maarja**; Wolf, Ben J.; Piri, Primoz; Van Netten, Sietse M.; **Suhhova, Irina**; **Lips, Urmas**; McFarlane,

Nathan; MacLeod, Robert; Hendry, Mark; Sheehy, Jack; Almoghayer, Mohammed; Rojas, Natalia; Davies, Gareth Proceedings of

SPIE 2024 / 6 p <https://doi.org/10.1117/12.3031643> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Multi-species assessment of injury, mortality, and physical conditions during downstream passage through a large Archimedes hydrodynamic screw (Albert Canal, Belgium)

Pauwels, Ine S.; Baeyens, Raf; **Toming, Gert**; **Tuhtan, Jeffrey Andrew** Sustainability 2020 / art. 8722, 25 p. : ill

<https://doi.org/10.3390/su12208722> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mõlemasoolised kalad ja antibiootikumiresistentsus. Ravimite vale käitlemine teeb looduses palju pahandust

Parksepp, Anette; **Künnis-Beres, Kai** Eesti Päevaleht 2018 / lk. 2-3 <https://epl.delfi.ee/artikkel/84529989/molemasoolised-kalad-ja-antibiootikumiresistentsus-ravimite-vale-kaitlemine-teeb-looduses-palju-pahandust>

Neotypes for some upper Silurian acanthodian taxa from the Baltic Sea Region and the Welsh Borderland

Burrow, Carole J.; **Märss, Tiit** Estonian journal of earth sciences 2022 / p. 17-24 <https://doi.org/10.3176/earth.2022.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new species of the antiarch Microbrachius from the Middle Devonian (Givetian) of Belarus

Mark-Kurik, Elga; Newman, Michael J.; **Toom, Ursula**; Den Blaauwen, Jan Estonian journal of earth sciences 2018 / p. 3-13 : ill

<https://doi.org/10.3176/earth.2017.22> http://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

A new, non-invasive fish backpack biologist to measure the physical conditions experienced by swimming fish during downstream passage

Wagner, Falko; Busch, Andre; Buysse, David; Hoerner, Stefan; Kenndorf, Moritz; Pouwels, Ine; Rössger, Tom; Roth, Marcio Salgueiro; Schletterer, Martin; Stamm, Jürgen; **Toming, Gert; Tuhtan, Jeffrey Andrew** Fish Passage 2022 : Opportunities and Innovation in a Changing World : 13–16 June 2022 / p. 147 https://fishpassage.fisheries.org/wp-content/uploads/sites/57/2022/08/FPC_Program_YouTube-Links.pdf

Not just the pump; broader considerations for downstream migrating silver eels at a 'fishfriendly' pumping station

Evans, Oliver; Bolland, Jonathan; Carter, Liam; Hutchinson, Thomas; Collier, Stephen; Don, Andrew; Wright, Rosalind; **Tuhtan, Jeffrey Andrew; Toming, Gert** Fish Passage 2022 : Opportunities and Innovation in a Changing World : 13–16 June 2022 / p. 34 https://fishpassage.fisheries.org/wp-content/uploads/sites/57/2022/08/FPC_Program_YouTube-Links.pdf

Numerical simulation and experimental verification of downstream fish migration in a bulb turbine

Benigni, Helmut; Schneider, Josef; **Reckendorfer, Walter**; Schiffer, J.; **Tuhtan, Jeffrey Andrew**; Leithner, S.; Zenz, Gerald; Meusburger, P. 31st IAH Symposium on Hydraulic Machinery and Systems 26/06/2022 - 01/07/2022 Trondheim, Norway. Vol. 1079 2022 / 10 p. : ill <https://doi.org/10.1088/1755-1315/1079/1/012101> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Numerical simulation and experimental verification of downstream fish migration in a Kaplan turbine

Benigni, Helmut; Schneider, Josef; Reckendorfer, Walter; Jaberg, Helmut; Zenz, Gerald; **Tuhtan, Jeffrey Andrew** IOP Conference Series: Earth and Environmental Science ; 774 2021 / art. 012149 <https://doi.org/10.1088/1755-1315/774/1/012149> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

An open 3D CFD model for the investigation of flow environments experienced by freshwater fish

Khan, Ali Hassan; Hussmann, Karla Ruiz; Powalla, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja; Tuhtan, Jeffrey Andrew** Ecological Informatics 2022 / art. 101652, 12 p. : ill <https://doi.org/10.1016/j.ecoinf.2022.101652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Pan-European environmental flow concept

Parasiewicz, Piotr; **Tuhtan, Jeffrey Andrew**; Prus, Pawel; Suska, Katarzyna Riverine landscapes as coupled socio-ecological systems : 6th biennial Symposium of the International Society for River Science : book of abstracts 2019 / p. 108 https://www.bib.irb.hr/1025362/download/1025362.ISRS2019_book_of_abstracts.pdf

Pilguheit esivanemate toidulauale - kas liha-, kala- või taimesööjad?

Allmäe, Raili; **Verš, Evelin** Maa ressursid : [7. geoloogia sügiskooli artiklid ja ettekanded] 2011 / lk. 44-55

Projekte und Praxis

Meyer, Matthias; Schweizer, Steffen; Göz, Daniel; **Tuhtan, Jeffrey Andrew** Biologische Durchgängigkeit von Fließgewässern : Ausgewählte Beiträge aus der Fachzeitschrift WasserWirtschaft 2017 / S. 181-295 https://doi.org/10.1007/978-3-658-13990-2_3

Red fish quality and red fish consumer studies in Estonia

Timberg, Loreida; Koppel, Kadri; Kaljujärvi, Rain; **Paalme, Toomas; Kirs, Evelin** Food and nutrition = Toit ja toitumine. XVII : book of abstracts : the 5th Baltic Conference on Food Science and Technology : Foodbalt-2010 2010 / p. 118

The relevance of fluid-body interactions for habitat selection of two Iberian cyprinids during hydropeaking

Costa, Maria Joao; Godinho, Francisco; Romao, Filipe; Fuentes-Perez, Juan Francisco; **Tuhtan, Jeffrey Andrew**; Pinheiro, Antonio N.; Boavida, Isabel Proceedings 39th IAH World Congress 2022 / p. 1454–1459 <https://doi.org/10.3850/IAHR-39WC2521711920221269>

Revision of Psammosteus livonicus Obruchev (Agnatha, Heterostraci) from the Devonian Amata regional stage of the NW of the East European platform

Glinitskiy, Vadim N.; **Mark-Kurik, Elga** Estonian journal of earth sciences 2016 / p. 1-18 : ill [10.3176/earth.2016.02](https://doi.org/10.3176/earth.2016.02) https://artiklid.elnet.ee/record=b2760746*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Revision of Silurian vertebrate biozones and their correlation with the conodont succession

Märss, Tiit; Männik, Peep Estonian journal of earth sciences 2013 / p. 181-204 : ill https://artiklid.elnet.ee/record=b2651564*est <https://doi.org/10.3176/earth.2013.15> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Robotkala mõõtis, mida tunneb päris kala veehulga järsul muutumisel

Himma, Marju novaator.err.ee 2019 <https://novaator.err.ee/922869/robotkala-mootis-mida-tunneb-pariskala-veehulga-jarsul-muutumisel>

Saaremaal surevad tuhanded kudevad kalad. Mis seda põhjustab? [Võrguväljaanne]

Esken, Ragnar ohtuleht.ee 2022

Scottish middle Devonian fishes in Estonia

Newman, Michael J.; **Mark-Kurik, Elga**; Den Blaauwen, Jan; Zupinš, Ivars Scottish journal of geology 2015 / p. 141-147 : ill

Smart fish counter for monitoring species, size, migration behaviour and environmental conditions

Tuhtan, Jeffrey Andrew; Dubrovinskaya, Elizaveta; Miasayedava, Lizaveta; Pattanaik, Vishwajeet; Soom, Jürgen; Mockenhaupt, Bernd; Schütz, Cornelia; Haas, Christian; Thumser, Philipp 14th International Symposium on Ecohydraulics (ISE 2022) : October 10-14, 2022 : Nanjing, China 2022 / p. 1-4 : ill https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009192625_67371.docx

Tamme paljand - Kesk-Devoni kalade unikaalne leiukoht

Mark-Kurik, Elga Võrtsjärv geoloogide vaateväljas 2009 / lk. 18-26 : ill

The EcoPeak4Fish Project : an integrated approach to support self-sustaining fish populations downstream hydropower plants

Boavida, Isabel; Santos, Jose Maria; Costa, Maria Joao; Leite, Renan; Portela, Maria Manuela; Godinho, Francisco; Leitao, Pedro; Mota, Rui; **Tuhtan, Jeffrey Andrew;** Pinheiro, Antonio N. Proceedings 39th IAHR World Congress 2022 / p. 1434-1438 <https://doi.org/10.3850/IAHR-39WC2521711920221160>

The fish passes in Estonia

Velner, Harald-Adam; Pärnapuu, Mare; Kark, Tiina "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 165-167 : ill

The RETERO Project : 3R motivated risk assessment methods for downstream fish passage through hydraulic structures

Hoerner, Stefan; Abbaszadeh, Shokoofeh; Busch, Andre; Kopecki, Ianina; Leidhold, Roberto; Müller, Nadine; Powalla, Dennis; Rössger, Tom; Roth, Marcio Salgueiro; Schneider, Matthias; Stamm, Jürgen; Thevenin, Dominique; **Toming, Gert; Tuhtan, Jeffrey Andrew;** Wagner, Falko; Warth, Peter 14th International Symposium on Ecohydraulics (ISE 2022) : October 10-14, 2022 : Nanjing, China 2022 / p. 1-5 : ill https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009192646_12566.pdf

This fish does not exist : fish species dataset augmentation using stable diffusion

Dubrovinskaya, Elizaveta; Tuhtan, Jeffrey Andrew OCEANS 2023 - Limerick 2023 / 6 p. <https://doi.org/10.1109/OCEANSLimerick52467.2023.10244720>

3D CFD analysis of pressure, boundary layer and shear stresses on a gudgeon (Gobio gobio)

Khan, Ali Hassan; Hoerner, Stefan; **Toming, Gert; Kruusmaa, Maarja; Tuhtan, Jeffrey A.** Journal of ecohydraulics 2024 / 15 p <https://doi.org/10.1080/24705357.2024.2426809> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards a reliable and validated toolbox to replace live fish tests for the assessment of injury and mortality during downstream passage

Hoerner, Stefan; **Kösters, Wolf Iring;** Abbaszadeh, Shokoofeh; Wagner, Falko; **Tuhtan, Jeffrey Andrew** Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / p. 1 <https://hal.science/hal-04642604>

Towards understanding fish behavior near an angled rack : an approach for fish tracing using open-source software

Kopecki, Ianina; Schneider, Matthias; Bensing, Katharina; Lehmann, Boris; Becker, Andreas; Ortlepp, Johannes; **Tuhtan, Jeffrey Andrew** 14th International Symposium on Ecohydraulics (ISE 2022) : October 10-14, 2022 : Nanjing, China 2022 / p. 1-2 https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009195954_71750.docx

Using the microchemical constituent of otoliths to study fish migrations

Rohtla, Mehdi; Vetemaa, Markus; **Urtson, Kristjan** Doctoral students' conference Next generation insights into geosciences and ecology : May 12-13, 2011, Tartu, Estonia : abstracts 2011 / p. 37

Uudset kalakaamerat testitakse Purtse jões

Kriis, Külli Põhjarannik 2025 / lk. 7 <https://dea.digar.ee/article/pohjarannik/2025/05/29/13.1> <https://pohjarannik.postimees.ee/8257784/uudset-kalakaamerat-testitakse-purtse-joes>

Uuring tõestas väinatammi kahjulikkust

Vinni, Raul Saarte Hääl 2022 / Lk. 2,3 ["Uuring tõestas väinatammi kahjulikkust"](#)

Vorwort

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. VII-VIII <https://doi.org/10.1007/978-3-658-32824-5>

Ühe väljasurnud kala lugu Saaremaalt

Märss, Tiit Loodusesõber 2011 / 3, lk. 20-23 : ill

Аминокислотный состав азотистых веществ рыбы и тузлука в пресерве "Таллинские кильки"

Krosing, Valve; Kask, Karl Технология пищевых производств. 2 1971 / с. 69-72 https://www.ester.ee/record=b1475923*est
<https://digikogu.taltech.ee/et/Item/63f3c26f-8104-4e33-a10e-83512b7e2b87/>

Атомно-абсорбционно спектрофотометрическое и газохроматографическое определение общей и органической ртути в рыбе

Ott, Roman; Lipre, Endla; Ilmoja, K.; Uus, K Материалы симпозиума "Современные методы санитарно-гигиенических исследований и применение их в практике санитарного контроля" 1978 / с. 106-109 https://www.ester.ee/record=b1278089*est

Изменение содержания нитритов и нитратов в рыбе в ходе технологической обработки

Tauts, Olev; Tedersoo, Erge Экспериментальная и клиническая онкология : сборник научных трудов = Eksperimentaalne ja Kliiniline Onkoloogia : teaduslike tööde kogumik = Experimental and clinical oncology : collection of proceedings 1989 / с. 113-119
https://www.ester.ee/record=b1213657*est

На реке Пуртсе тестируется инновационная камера для наблюдения за рыбой

Kriis, Külli severnojepoberezhje.postimees.ee 2025 <https://severnojepoberezhje.postimees.ee/8257931/eto-interesno-na-reke-purtse-testiruetsya-innovacionnaya-kamera-dlya-nablyudeniya-za-ryboy>

О влиянии кулинарной обработки на содержание ртути в рыбах

Lipre, Endla Вопросы повышения качества пищевых продуктов 1978 / с. 93-98 : илл https://www.ester.ee/record=b1310804*est
<https://digikogu.taltech.ee/et/Item/3da71f08-0316-4d42-a37f-4500bc8f2044>

О способах удаления ртути из рыбы

Lipre, Endla Вопросы повышения качества пищевых продуктов 1980 / с. 41-44 https://www.ester.ee/record=b1338597*est
<https://digikogu.taltech.ee/et/Item/1a9a4d41-c4f0-4121-b8fe-d8caedf1016c>

Об определении концентрации органической ртути в рыбах

Lipre, Endla; Ott, Roman Вопросы повышения качества пищевых продуктов 1978 / с. 87-91
https://www.ester.ee/record=b1310804*est <https://digikogu.taltech.ee/et/Item/3da71f08-0316-4d42-a37f-4500bc8f2044>

Получение белка из рыбных бульонов

Tauts, Olev; Täht, Riina Вопросы повышения качества пищевых продуктов 1984 / с. 43-47

Разработка метода определения реологических свойств рыбного фарша

Tauts, Olev; Rämmel, Riina; Tedersoo, Erge Tallinna Tehnikaülikooli Toimetised 1990 / lk. 73-77: ill

Содержание фенолов в рыбе, копченой в разных коптильных установках

Loigom, Urve; Kozlovitseva, M.I. Вопросы повышения качества пищевых продуктов 1980 / с. 29-34 : илл
https://www.ester.ee/record=b1338597*est <https://digikogu.taltech.ee/et/Item/1a9a4d41-c4f0-4121-b8fe-d8caedf1016c>