Publications:

Acute hyperoxia induces systemic responses with no major changes in peripheral tissues in the Senegalese sole (Solea senegalensis Kaup, 1858)
Publication: Research - peer-review › Journal article – Annual report year: 2018

Behavioural changes of Atlantic cod (Gadus morhua) after marine boulder reef restoration: Implications for coastal habitat management and Natura 2000 areas
Publication: Research - peer-review › Journal article – Annual report year: 2017

Effect of nanosilver on metabolism in rainbow trout (Oncorhynchus mykiss): An investigation using different respirometric approaches
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Effects of acoustic telemetry transmitters on gill ventilation rate and haematocrit levels of round goby Neogobius melanostomus
Publication: Research - peer-review › Journal article – Annual report year: 2017

Effects of dietary Gracilaria sp. and Alaria sp. supplementation on growth performance, metabolic rates and health in meagre (Argyrosomus regius) subjected to pathogen infection
Publication: Research - peer-review › Journal article – Annual report year: 2016

Effects of low-oxygen conditions on embryo growth in the painted turtle, Chrysemys picta
Publication: Research - peer-review › Journal article – Annual report year: 2017

Erfaringsopsamling med kirugisk implantering af akustiske transmitter i sortmundet kutling (Neogobius melanostomus)
Publication: Research › Conference abstract for conference – Annual report year: 2017

Erfaringsopsamling med kirugisk implantering af akustiske transmitter i sortmundet kutling
Publication: Research › Conference abstract for conference – Annual report year: 2017

Evidence of cormorant-induced mortality, disparate migration strategies and repeatable circadian rhythm in the endangered North Sea houting (Coregonus oxyrinchus): A telemetry study mapping the postspawning migration
Publication: Research - peer-review › Journal article – Annual report year: 2017

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Hvornår er der faglige grunde til rehabilitering af sæler?
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If you can't beat them, eat them: using acoustic telemetry to develop an economically viable fishery for the highly invasive round goby (Neogobius melanostomus)
Publication: Research › Conference abstract for conference – Annual report year: 2017

Is the osmorespiratory compromise limiting invasive species?
Publication: Research › Conference abstract for conference – Annual report year: 2017

Lakselus kan måske komme til at udgøre en trussel mod danske bestande af vilde laksefisk
Publication: Research › Journal article – Annual report year: 2017

Intraspecific variation in aerobic and anaerobic locomotion: gilthead sea bream (Sparus aurata) and Trinidadian guppy (Poecilia reticulata) do not exhibit a trade-off between maximum sustained swimming speed and minimum cost of transport
Publication: Research - peer-review › Book chapter – Annual report year: 2017

Møde om havørreder i Roskilde Fjord 18. november 2017
Publication: Communication › Internet publication – Annual report year: 2017

Møde om pighvarrer i Roskilde Fjord 15. februar 2017
Publication: Communication › Internet publication – Annual report year: 2017

Movement patterns of seaward migrating European eel (Anguilla anguilla) at a complex of riverine barriers: implications for conservation
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Publication: Research › Journal article – Annual report year: 2017

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Publication: Communication › Journal article – Annual report year: 2017

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Conservation physiology of marine fishes: state of the art and prospects for policy
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Cormorant predation of the highly endangered North Sea houting in river Vidaa, Denmark
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Diets supplemented with seaweed affect metabolic rate, innate immune, and antioxidant responses, but not individual growth rate in European seabass (Dicentrarchus labrax)
Publication: Research - peer-review › Journal article – Annual report year: 2015

Konflikt mellem skarv og den udryddelsestruede snæbel
Publication: Communication › Internet publication – Annual report year: 2016

Laksens liv
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Linking reproduction, locomotion, and habitat use in the Trinidadian guppy (Poecilia reticulata)
Publication: Research - peer-review › Journal article – Annual report year: 2016

Marin fiskepleje – Forskning i fiskenes levesteder
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Marin fiskepleje – Forskning i fiskenes levesteder
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Measuring maximum and standard metabolic rates using intermittent-flow respirometry: a student laboratory investigation of aerobic metabolic scope and environmental hypoxia in aquatic breathers
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Phenotypic differences between the sexes in the sexually plastic mangrove rivulus fish (Kryptolebias marmoratus)
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Phenotypic variation in metabolism and morphology correlating with animal swimming activity in the wild: relevance for the OCLTT (oxygen- and capacity-limitation of thermal tolerance), allocation and performance models
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Progressive hypoxia decouples activity and aerobic performance of skate embryos
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Spatial ecology of blue shark and shortfin mako in southern Peru: local abundance, habitat preferences and implications for conservation
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Development of salinity tolerance in the endangered anadromous North Sea houting Coregonus oxyrinchus: Implications for conservation measures
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Effects of temperature on specific dynamic action in Atlantic cod Gadus morhua
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Geospatial modeling of the Birch River: Distribution of Carmine Shiner (Notropis percobromus) in Geomorphic Response Units (GRU): Carmine Shiner distribution in GRUs
Publication: Research - peer-review › Journal article – Annual report year: 2015

Is warm-up important in fish locomotion? Recovery from anaerobic metabolism during exercise in striped surfperch Embiotoca lateralis
Publication: Research › Conference abstract for conference – Annual report year: 2015

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Survival and progression rates of anadromous brown trout kelts Salmo trutta during downstream migration in freshwater and at sea
Publication: Research - peer-review › Journal article – Annual report year: 2015

Calcium-dependent behavioural responses to acute copper exposure in Oncorhynchus mykiss
Publication: Research - peer-review › Journal article – Annual report year: 2014

Evidence of circadian rhythm, oxygen regulation capacity, metabolic repeatability and positive correlations between forced and spontaneous maximal metabolic rates in Lake Sturgeon Acipenser fulvescens
Publication: Research - peer-review › Journal article – Annual report year: 2014

Fish and chips - undersøgelser af snæblens (Coregonus oxyrinchus) tilpasninger til det lokale miljø
Publication: Communication › Book chapter – Annual report year: 2014

Laboratory experiments demonstrate that bubble curtains can effectively inhibit movement of common carp
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Muddied waters: suspended sediment impacts on gill structure and aerobic scope in an endangered native and an invasive freshwater crayfish
Publication: Research - peer-review › Journal article – Annual report year: 2013
The physiological basis of the migration continuum in brown trout (Salmo trutta)

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Effects of angling and manual handling on pike behaviour investigated by high-resolution positional telemetry

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Effects of intraspecific variation in reproductive traits, pectoral fin use and burst swimming on metabolic rates and swimming performance in the Trinidadian guppy (Poecilia reticulata)

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Excess post-hypoxic oxygen consumption is independent from lactate accumulation in two cyprinid fishes

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Excess posthypoxic oxygen consumption in rainbow trout (Oncorhynchus mykiss): recovery in normoxia and hypoxia

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Snæblen – den lange kamp for overlevelsel

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Behaviour of rainbow trout Oncorhynchus mykiss presented with a choice of normoxia and stepwise progressive hypoxia

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Can metabolic properties explain variation in individual behaviour?

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Linking individual behaviour and migration success in Salmo salar smolts approaching a water withdrawal site: implications for management

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Effects of a surface oriented travelling screen and water abstraction practices on downstream migrating Salmonidae smolts in a lowland stream

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Effects of food deprivation on refuge use and dispersal in juvenile North Sea houting Coregonus oxyrinchus under experimental conditions
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Et studium af svømmeevner og adfærd hos yngel af nordsæsnæbel (Coregonus oxyrinchus L.)
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Partition of aerobic and anaerobic swimming costs related to gait transitions in a labriform swimmer
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Survival and progression rates of large European silver eel Anguilla anguilla in late freshwater and early marine phases
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Behavioural alarm and avoidance responses to copper in rainbow trout (Oncorhynchus mykiss): The effect of calcium
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Linking reproduction, swimming performance, and habitat use in the Trinidadian guppy, Poecilia reticulata
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New insights in pike behaviour
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Pectoral fin beat frequency predicts oxygen consumption during spontaneous activity in a labriform swimming fish (Embiotoca lateralis)
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The volitional travel speed varies with reproductive state in mature female brown trout Salmo trutta
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Evidence for non-random spatial positioning of migrating smolts (Salmonidae) in a small lowland stream
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Use of a novel acoustic dissolved oxygen transmitter for fish telemetry
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The angle of attack of the body of common bream while swimming at different speeds in an flume tank
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Factors influencing the spawning migration of female anadromous brown trout
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Intra-school positional preference and reduced tail beat frequency in trailing positions in schooling roach under experimental conditions
Projects:

Forbedring af forvaltningsgrundlaget for bestande i det rekreative fiskeri (39370)
Project

FishHab-II (39345)
Project

Coastal mussel banks: The importance for the fish fauna and possibilities for habitat restoration (MusFisk) (39133)
Project

Behaviour of lake-dwelling fish
Project: PhD