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
Publication: Research - peer-review › Journal article – Annual report year: 2017

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 transmittere i sortmundet kutling (Neogobius melanostomus)
Publication: Research › Conference abstract for conference – Annual report year: 2017

Erfaringsopsamling med kirugisk implantering af akustiske transmittere 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

Flere stenrev giver flere torsk
Publication: Communication › Internet publication – Annual report year: 2017
Hvornår er der faglige grunde til rehabilitering af sæler?
Publication: Research › Journal article – Annual report year: 2017

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
Publication: Research - peer-review › Journal article – Annual report year: 2015

Muligheder ved ændret mindstemål og indførelse af vinduesmål for pighvarre (Scophthalmus maximus)
Publication: Research › Journal article – Annual report year: 2017

Pighvarrets vandring i Roskilde Fjord
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Reconciling agriculture and stream restoration in Europe: A review relating to the EU Water Framework Directive
Publication: Research - peer-review › Review – Annual report year: 2017

Respirometry increases cortisol levels in rainbow trout Oncorhynchus mykiss: implications for measurements of metabolic rate
Publication: Research - peer-review › Journal article – Annual report year: 2017

Restoration of a boulder reef in temperate waters: Strategy, methodology and lessons learnt
Publication: Research - peer-review › Journal article – Annual report year: 2017

Sortmundet kutling (Neogobius melanostomus) spredes sig på bekostning af hjemmehørende danske arter
Publication: Communication › Journal article – Annual report year: 2017

Udsatte pighvarrer lader til at blive i Roskilde Fjord
Publication: Communication › Internet publication – Annual report year: 2017
Conservation physiology of marine fishes: state of the art and prospects for policy
Publication: Research › Peer-review › Review – Annual report year: 2016

Cormorant predation of the highly endangered North Sea houting in river Vidaa, Denmark
Publication: Research › Poster – Annual report year: 2016

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 udyrddelsestruede snæbel
Publication: Communication › Internet publication – Annual report year: 2016

Laksens liv
Publication: Communication › Book – Annual report year: 2016

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
Publication: Research › Poster – Annual report year: 2016

Marin Fiskepleje – Hvad er fiskepleje?
Publication: Research › Poster – Annual report year: 2016

Measuring maximum and standard metabolic rates using intermittent-flow respirometry: a student laboratory investigation of aerobic metabolic scope and environmental hypoxia in aquatic breathers
Publication: Research › Peer-review › Journal article – Annual report year: 2016

Partitioning the metabolic scope: the importance of anaerobic metabolism and implications for the oxygen- and capacity-limited thermal tolerance (OCLTT) hypothesis
Publication: Research › Peer-review › Journal article – Annual report year: 2016

Phenotypic differences between the sexes in the sexually plastic mangrove rivulus fish (Kryptolebias marmoratus)
Publication: Research › Peer-review › Journal article – Annual report year: 2016

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
Publication: Research › Peer-review › Journal article – Annual report year: 2016

Progressive hypoxia decouples activity and aerobic performance of skate embryos
Publication: Research › Peer-review › Journal article – Annual report year: 2016

Snæblens tilbagegang i Anthropocæn
Publication: Research › Journal article – Annual report year: 2016
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
Publication: Research - peer-review › Journal article – Annual report year: 2015

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

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 › Journal article – Annual report year: 2015

Performance assessment of two whole-lake acoustic positional telemetry systems – is reality mining of free-ranging aquatic animals technologically possible?
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Phenotypic variation in metabolism and morphology correlating with fish movements in the wild: a study combining respirometry and telemetry
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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
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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
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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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Local adaptation to altitude underlies divergent thermal physiology in tropical killifishes of the genus Aphyosemion
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Aspects of lentic fish behaviour studied with high resolution positional telemetry
Publication: Research › Ph.D. thesis – Annual report year: 2012

Excess posthypoxic oxygen consumption in rainbow trout (Oncorhynchus mykiss): recovery in normoxia and hypoxia
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Ontogenetic differentiation of swimming performance and behaviour in relation to habitat availability in the endangered North Sea houting (Coregonus oxyrinchus)
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Seasonal and diel effects on the activity of northern pike studied by high-resolution positional telemetry
Publication: Research - peer-review › Journal article – Annual report year: 2012

Snæbien – den lange kamp for overleveelse
Publication: Communication › Journal article – Annual report year: 2012

Behaviour of rainbow trout Oncorhynchus mykiss presented with a choice of normoxia and stepwise progressive hypoxia
Publication: Research - peer-review › Journal article – Annual report year: 2011

Can metabolic properties explain variation in individual behaviour?
Publication: Research › Conference abstract for conference – Annual report year: 2011

Can metabolic properties explain variation in individual behaviour? Attempting to link physiology and morphology with field behavior
Publication: Research › Conference abstract for conference – Annual report year: 2011

Linking individual behaviour and migration success in Salmo salar smolts approaching a water withdrawal site: implications for management
Publication: Research - peer-review › Journal article – Annual report year: 2011

Effects of a surface oriented travelling screen and water abstraction practices on downstream migrating Salmonidae smolts in a lowland stream
Publication: Research - peer-review › Journal article – Annual report year: 2010
Effects of food deprivation on refuge use and dispersal in juvenile North Sea houting Coregonus oxyrinchus under experimental conditions
Publication: Research - peer-review › Journal article – Annual report year: 2010

Et studium af svømmeevner og adfærd hos yngel af nordsæsnæbel (Coregonus oxyrinchus L.)
Publication: Research › Journal article – Annual report year: 2011

Partition of aerobic and anaerobic swimming costs related to gait transitions in a labriform swimmer
Publication: Research - peer-review › Journal article – Annual report year: 2010

Survival and progression rates of large European silver eel Anguilla anguilla in late freshwater and early marine phases
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Linking reproduction, swimming performance, and habitat use in the Trinidadian guppy, Poecilia reticulata
Publication: Research › Poster – Annual report year: 2009

New insights in pike behaviour
Publication: Research › Conference abstract for conference – Annual report year: 2009

New insights in pike behaviour using 2D/3D telemetry
Publication: Research › Conference abstract for conference – Annual report year: 2009

Organochlorine fingerprinting to determine foraging areas of sea-ranched Atlantic salmon: A case study from Denmark
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Pectoral fin beat frequency predicts oxygen consumption during spontaneous activity in a labriform swimming fish (Embiotoca lateralis)
Publication: Research - peer-review › Journal article – Annual report year: 2009

The volitional travel speed varies with reproductive state in mature female brown trout Salmo trutta
Publication: Research - peer-review › Journal article – Annual report year: 2009

Survival and behaviour of European silver eel in late freshwater and early marine phase during spring migration
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Evidence for non-random spatial positioning of migrating smolts (Salmonidae) in a small lowland stream
Publication: Research - peer-review › Journal article – Annual report year: 2007

Use of a novel acoustic dissolved oxygen transmitter for fish telemetry
Publication: Research - peer-review › Journal article – Annual report year: 2006

The angle of attack of the body of common bream while swimming at different speeds in a flume tank
Publication: Research - peer-review › Journal article – Annual report year: 2005

Factors influencing the spawning migration of female anadromous brown trout
Publication: Research - peer-review › Journal article – Annual report year: 2004

Intra-school positional preference and reduced tail beat frequency in trailing positions in schooling roach under experimental conditions
Ørredyngel dræber ørredyngel

Projects:

- Forbedring af forvaltningsgrundlaget for bestande i det rekreative fiskeri (39370)
- FishHab-II (39345)
- Coastal mussel banks: The importance for the fish fauna and possibilities for habitat restoration (MusFisk) (39133)
- Behaviour of lake-dwelling fish

Project: PhD