Research outputs:

**Hydrodynamic functionality of the lorica in choanoflagellates**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**Hydrodynamic functionality of the lorica in choanoflagellates**
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

**Hydrodynamics of small marine organisms: A mechanistic exploration of traits and trade-offs for flagellates and filter feeders**
Dölger, J. 2018 Department of Physics, Technical University of Denmark. 189 p.
Research output: Research › Ph.D. thesis – Annual report year: 2018

**An analytical model of flagellate hydrodynamics**
Dölger, J., Bohr, T. & Andersen, A. P. 2017 In : Physica Scripta. 92, 4, 9 p., 044003
Research output: Research - peer-review › Journal article – Annual report year: 2017

**Computational Fluid Dynamics of Choanoflagellate Filter-Feeding**
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

**Computational Fluid Dynamics of Choanoflagellate Filter-Feeding**
Research output: Research - peer-review › Poster – Annual report year: 2018

**Hydrodynamics of microbial filter feeding**
Research output: Research - peer-review › Journal article – Annual report year: 2017

**Swimming and feeding of mixotrophic biflagellates**
Dölger, J., Nielsen, L. T., Kiørboe, T. & Andersen, A. P. 2017 In : Scientific Reports. 7, 10 p., 39892
Research output: Research - peer-review › Journal article – Annual report year: 2017

**Diffusion and bulk flow in phloem loading: a theoretical analysis of the polymer trap mechanism for sugar transport in plants**
Research output: Research - peer-review › Journal article – Annual report year: 2014

**Energy harvesting through gas dynamics in the free molecular flow regime between structured surfaces at different temperatures**
Research output: Research - peer-review › Journal article – Annual report year: 2014

Projects:
Hydrodynamics of small Marine Organisms
Samfinansieret - Andet
15/12/2014 → 11/04/2018
Project: PhD

Activities:

Complex Motion in Fluids Summer School
24 Sep 2017 → 29 Sep 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.