Ciliary-propelling mechanism, effect of temperature and viscosity on swimming speed, and adaptive significance of 'jumping' in the ciliate Mesodinium rubrum
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Viscosity and not biological mechanisms often controls the effects of temperature on ciliary activity and swimming velocity of small aquatic organisms
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Effect of temperature and viscosity on swimming velocity of the copepod Acartia tonsa, brine shrimp Artemia salina and rotifer Brachionus plicatilis
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Thermodynamics and Sustainable Energy
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2008 › Research › peer-review

Filter-feeding zoobenthos and importance of hydrodynamics in the shallow Odense Fjord (Denmark) - earlier and recent studies, perspectives and modelling
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Interplay between filter-feeding zoobenthos and hydrodynamics in the shallow Odense Fjord (Denmark) - earlier and recent studies, perspectives and modelling
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Viscosity of seawater controls beat frequency of water-pumping cilia and filtration rate of mussels Mytilus edulis
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Down-mixing of phytoplankton above filter-feeding mussels - interplay between water flow and biomixing
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Measurement of mean rotation and strain-rate tensors by using stereoscopic PIV
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Water flow analysis and particle capture in ciliary filter-feeding scallops (Pectinidae)
Riisgård, H. U. & Larsen, P. S., 2005, In : Marine Ecology - Progress Series. 303, p. 177-193
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Water pumping and analysis of flow in burrowing zoobenthos - a short overview
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review
Down-mixing of phytoplankton above benthic filter feeders - interplay between water flow and biomixing
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004

Grazing impact of filter-feeding zoobenthos in a Danish fjord
Research output: Contribution to journal › Journal article – Annual report year: 2004

Measurement of rotation and strain-rate tensors by using stereoscopic PIV
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004

Swirling flow structures in electrostatic precipitator
Research output: Contribution to journal › Journal article – Annual report year: 2004

Three-dimensional flow and turbulence structure in electrostatic precipitator by stereo PIV
Research output: Contribution to journal › Journal article – Annual report year: 2004

Flow In a Centrifugal Pump Impeller at Design and Off-design Conditions. Part 1: PIV and LDV measurements
Research output: Contribution to journal › Journal article – Annual report year: 2003

Laser Doppler anemometry study of a turbulent jet in crossflow
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Larsen, P. S., Ullum, T. U. & Özcan, O., 2002
Research output: Book/Report › Report – Annual report year: 2002

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Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

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Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

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Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2002 › Research

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Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2002 › Research › peer-review

Three-dimensional flow and turbulence structure in electrostatic precipitator
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2002 › Research › peer-review

Water pumping and analysis of flow in burrowing zoobenthos - a short overview
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2002 › Research › peer-review

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A note on the through-flow chamber method
Larsen, P. S., 2001, In : Marine Ecology - Progress Series. 211, p. 275-291
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Chimney spacing in encrusting bryozoan colonies (Membranipora membranacea): video observations and hydrodynamic modeling
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

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Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Minireview: ciliary filter feeding and bio-fluid mechanics - present understanding and unsolved problems
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Particle deposition in low-speed, high-turbulence flows
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2001 › Research › peer-review
Simultaneous measurement of velocity and concentration in a jet in channel-crossflow
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2001 › Research › peer-review

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Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2001 › Research › peer-review

A comment on experimental techniques for studying particle capture in filter-feeding bivalves
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Comparative ecophysiology of active zoobenthic filter feeding, essence of current knowledge
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Downstream collecting in ciliary suspension feeders: the catch-up principle
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Numerical investigation of turbulent flow and heat transfer in channel with ribs
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Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

The peer-review system: time for re-assessment?
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Experimental study of swirl flow patterns in Gas Conditioning Tower at various entry conditions
Research output: Book/Report › Report – Annual report year: 1999 › Research › peer-review

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Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1999 › Research › peer-review

Hysteresis Model for Oil-Soaked Insulation in Flat HTDC-Cable
Research output: Book/Report › Report – Annual report year: 1999 › Research › peer-review

Numerical investigation of turbulent flow and heat transfer in channel with ribs
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1999 › Research › peer-review
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Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research

Statistical analysis and accuracy of PIV data
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

Temporal evolution of the perturbed and unperturbed flow behind a fence: PIV analysis and comparison with LDA data
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

Biologiske filter-pumper
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review

LDA-study for modelling flows through screens
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1996 › Research › peer-review

Models for phytoplankton depletion above benthic filter-feeders
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research

On the striping phenomenon in ultrafiltration
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research

Particle capture in the mussel Mytilus edulis: role of latero-frontal cirr
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review

Phytoplankton reduction in near-bottom water caused by filter-feeding Nereis diversicolor - Implications for worm growth and population grazing impact
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review

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Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review

Progress report no.5 for period Jan.1 to Dec.31, 1996: STVF Framework Program: Computational and Experimental Fluid Mechanics
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Research output: Book/Report › Report – Annual report year: 1996 › Research › peer-review
Particle Motion in Unsteady Three-Dimensional Flow at Low Reynolds Numbers

Surface Description Using Bicubic B-splines: Curvature Based Smoothing of Plane Cubic B-spline Curves

SUSPENSION-FEEDING IN MARINE SPONGES HALICHONDRIA-PANICEA AND HALICLONA-URCEOLUS - EFFECTS OF TEMPERATURE ON FILTRATION-RATE AND ENERGY-COST OF PUMPING
Research output: Contribution to journal › Journal article – Annual report year: 1993 › Research › peer-review

FILTER-NET STRUCTURE AND PUMPING ACTIVITY IN THE POLYCHAETE NEREIS-DIVERSICOLOR - EFFECTS OF TEMPERATURE AND PUMP-MODELING
Research output: Contribution to journal › Journal article – Annual report year: 1992 › Research › peer-review

Modeling of Particle Transport in Commercial Electrostatic Precipitators

Statistical Approach to Continuum for Turbulent Gas Particle Flows

Numerical Simulation of 3-Dimensional Flow in Straight and Curved Ducts of Rectangular Cross Section

Three-Dimensional Electro-Fluid-Dynamics in Tuft Corona Wire-Plate Precipitations

Presentation of test cases TC-2A, TC-2B, TC-2C, TC-2D - Twodimensional, incompressible, wall flows with separation
Research output: Contribution to journal › Journal article – Annual report year: 1988 › Research › peer-review

Three-Level, Viscous-Inviscid Interaction Technique for the Prediction of Separated Flow Past Rotating Wing

Velocity and Turbulence Distributions in Cyclone

A non-Gaussian model of turbulence (soccer-ball integrals)
Research output: Contribution to journal › Journal article – Annual report year: 1981 › Research › peer-review