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FlowCAM[®] Papers & Articles

- Publication:** *Marine Biology Research*, May, 2010 Pages 1-14
Authors: Lasse Tor Neilsen, Hans Henrik Jakobsen, Per Juel Hansen
Title: High resilience of two coastal plankton communities to twenty-first century seawater Acidification: Evidence from microcosm studies.
- Publication:** **UNESCO-IOC, ICES Working Group, HAB Dynamics**, 2010, Pages 47-54. From the manual *Microscopic and Molecular Methods for Quantitative Phytoplankton Analysis*.
Authors: Nicole J. Poulton, Jennifer L. Martin
Title: Imaging flow cytometry for quantitative phytoplankton analysis – FlowCAM[®]
- Publication:** *Marine Ecology Progress Series*, May, 2010 Vol 407: Pages 99-110
Authors: Troels Møller Pedersen, Rodrigo Almeda, Frank Lech Foteli, Hans Henrik Jakobsen, Patrizio Mariani, Benni Winding Hansen
Title: Larval growth in the dominant polychaete *Polydora ciliata* is food-limited in a eutrophic Danish estuary (Isefjord)
- Publication:** *Emerging Ballast Water Management Systems*, January, 2010 Pages 241-245 from the “Proceedings of the IMO-WMU Research and Development Forum”.
Authors: K. Peterson, H. Nelson
Title: New data experiments using viability stains on treated ballast water for IMO compliance.
- Publication:** **American Water Works Association, Water Research Foundation**, Dec 2009
Authors: Phillip Tarrant, Tyler Sawyer, Rebecca Mestek and Susanne Neuer
Title: *Feasibility Study for Early Warning Systems for Algae-induced Tastes & Odors*
- Publication:** *Journal of Plankton Research*, December 2009 (Online), Pages 1-10
Authors: A. Barofsky, P. Simonelli, C. Vidoudez, C. Troedsson, J. C. Nejstgarrd, H. H. Jakobsen, G. Pohnert
Title: Growth phase of the diatom *Skeletonema marinoi* influences the metabolic profile of the cells and the selective feeding of the copepod *Calanus* spp.
- Publication:** *American Water Works Association Journal*, November 2009, Vol. 101 No. 11, Pages 19-20.
Authors: Benjamin W. Spaulding.
Title: Field Report: Early Detection Can Help Eradicate Invasive Mussels

- Publication:** *Journal of Plankton Research*, February 2009, Volume 2, No. 2, Pages 193-207
Authors: L. Zarauz, X. Irigoien, J.A. Fernandes
Title: Changes in plankton size structure and composition, during the generation of a phytoplankton bloom, in the central Cantabrian sea
- Publication:** *Ocean Systems*, November/December 2008, Pages 22-25
Authors: Nicole J. Poulton
Title: Testing ballast water for zooplankton
- Publication:** *Journal of Plankton Research*, August 2008, Volume 30, No. 8, Pages 857-872
Authors: L. Zarauz, X. Irigoien, J.A. Fernandes
Title: Modelling the influence of abiotic and biotic factors on plankton distribution in the Bay of Biscay, during three consecutive years (2004–06)
- Publication:** *Journal of Plankton Research*, 2008, Volume 30, No. 4, Pages 467-481.
Authors: Unai Cotano, Xabier Irigoien, Egoitz Etxebeste, Paula Alvarez, Julien Mader, Luis Ferrer
Title: Distribution, growth and survival of anchovy larvae (*Engraulis encrasicolus* L.) in relation to hydrodynamic and trophic environment in the Bay of Biscay.
- Publication:** *Journal of Plankton Research*, 2008, Volume 30, No. 3, Pages 275-281.
Authors: Keiichiro Ide, Kazutaka Takahashi, Akira Kuwata, Miwa Nakamachi, Hiroaki Saito
Title: A rapid analysis of copepod feeding using FlowCAM.
- Publication:** *American Water Works Association Journal*, November 2007, Vol. 99 No. 11, Pages 50-54.
Authors: Betsy Reilly-Matthews, PhD.
Title: Particle Imaging and Analysis Instrumentation Minimizes Taste and Odor Complaints
- Publication:** *Marine Ecology Progress Series*, September 2007, Volume 345, Pages 37-39.
Authors: L. Zarauz, X. Irigoien, A. Urtizberea, M. Gonzalez
Title: Mapping plankton distribution in the Bay of Biscay during three consecutive spring surveys.
- Publication:** *Oceanography*, June 2007, Volume 20, No. 2
Authors: Mark Benfield, Philippe Grosjean, Phil Culverhouse, Xabier Irigoien, Michael Sieracki, Angel Lopez-Urrutia, Hans Dam, Qiao Hu, Cabell Davis, Allen Hansen, Cynthia Pilskaln, Edward Riseman, Howard Schultz, Paul Utgoff, Gabriel Gorsky
Title: Research of Automated Plankton Identification (RAPID)
- Publication:** *Journal of Plankton Research*, 2007, Volume 29, No. 2, Pages 115-126.
Authors: C.F. Breier, E. J. Buskey
Title: Effects of the red tide dinoflagellate, *Karenia brevis*, on grazing and fecundity in the copepod *Acartia tonsa*.
- Publication:** *Harmful Algae*, December 2006, Volume 5, Issue 6, Pages 685-692.
Authors: Edward J. Buskey, Cammie J. Hyatt
Title: Use of the FlowCAM[®] for semi-automated recognition and enumeration of red tide cells (*Karenia brevis*) in natural plankton samples.

- Publication:** *Journal of Plankton Research*, 2006. Volume 28, Number 10, Pages 919-936.
Authors: Marja Koski, Wim Breteler, Nelleke Schogt, Santiago Gonzalez, Hans Jakobsen
Title: Life-state-specific differences in exploitation of food mixtures: diet mixing enhances copepod egg production but not juvenile development.
- Publication:** *Limnology and Oceanography*, 2006. Volume 51, No. 5, Pages 2084-2091.
Authors: Elena San Martin, Xabier Irigoien, Roger P. Harris, Ángel López-Urrutia, Mikhail V. Zubkov and Jane L. Sullivan.
Title: Variation in the transfer of energy in marine plankton along a production gradient in the Atlantic Ocean.
- Publication:** *Deep-Sea Research II*, 2006. Volume 53, Pages 1560, 1572.
Authors: Elena San Martin, Roger P. Harris, Xabier Irigoien.
Title: Latitudinal variation in plankton size spectra in the Atlantic Ocean.
- Publication:** *WACV-MOTION'05*, 2005, Volume 1, Pages 79-86.
Authors: Matthew B. Blaschko, Gary Holness, Marwan A. Mattar, Dimitri Lisin, Paul E. Utgoff, Allen R. Hanson, Howard Schultz, Edward M. Riseman, Michael E. Sieracki, William M. Balch, Ben Tupper
Title: Automatic in situ identification of plankton.
- Publication:** *Journal of Plankton Research*, June 2005. Volume 27, Pages 647-662
Authors: Hongbin Liu, Michael J. Dagg, Suzanne Strom
Title: Grazing by the calanoid copepod *Neocalanus cristatis* on the microbial food web in the coastal Gulf of Alaska
- Publication:** *Journal of Phycology*, 2005. Volume 51 Pages 305-310
Authors: Jason See, Lisa Campbell, Tammi L. Richardson, James L. Pickney, Ronjen Shen, Norman L. Guinasso, Jr.
Title: Combining new technologies for determination of phytoplankton community structure in the Northern Gulf of Mexico
- Publication:** *Journal of Plankton Research*, 2004, Volume 26, No. 2, Pages 191-212.
Authors: Robert D. Vaillancourt, Christopher W. Brown, Robert R. L. Guillard, William M. Balch
Title: Light backscattering properties of marine phytoplankton: relationships to cell size, chemical composition and taxonomy.
- Publication:** *Microbial Ecology*, 2004. Volume 48 Pages 567-577
Authors: Lavrentyev P.J., M.J. McCarthy, D.M. Klarer, F.J. Jochem & W.S. Gardner
Title: Estuarine microbial food web patterns in a Lake Erie coastal wetland
- Publication:** *Marine Pollution Bulletin* 48, 2004. Pages 533-542
Authors: Michael C. Sterling, James S. Bonner, Andrew N.S. Ernest, Cheryl A. Page, Robin A. Autenrieth
Title: Characterizing aquatic sediment-oil aggregates using in-situ instruments
- Publication:** *SIMBIOS Project 2000 Annual Report*, Chapter 4, Pages 26-33
Authors: W. M. Balch
Title: Validation of Surface Bio-Optical Properties in the Gulf of Maine as a Means for Improving Satellite Primary Production Estimates

Publication: *Marine Ecology Progress Series*, 1998. Volume 168. Pages 285-296.
Authors: Christian K. Sieracki, Michael E. Sieracki, Charles S. Yentsch
Title: An imaging-in-flow system for automated analysis of marine microplankton.

Report: **ICES/IOC Workshop on New and Classic Techniques for the Determination of Numerical Abundance and Biovolume of HAB-Species – Evaluation of the Cost, Time-Efficiency and Intercalibration Methods (WKNCT)** 22-27 August 2005

<http://www.ices.dk/reports/OCC/2005/WKNCT05.pdf>

Publication: *Marine Scientist*, No. 16, 2006.
Article: “Watching out for toxic tides”. Pages 10-13

Publication: *LakeLine (NALMS)*, Spring 2006.
Article: “A Regional Assessment Approach”, Hilary Snook, U.S. EPA. Pages 21-24

