WHOI Contributions to the Scientific Literature
Monthly Activity Report

Articles Received in February 1998
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Anderson, Steven P. and Mark F. Baumgartner.
Contracts: ONR N00014-94-10161, NSF OCE91-10559.
Department of WHOI Author: PO.
Contribution Number: 9482

Celander, Malin and John J. Stegeman.
Contracts: Swedish Council of Forest & Agricultural Research, Sea Grant NA46RG0470 R/P60.
Department of WHOI Author: BIO.
Contribution Number: 9447

Duda, Timothy F. and D. Andrew Trivett.
Contracts: Mellon Foundation.
Department of WHOI Author: AOPE.
Contribution Number: 9256
Guiney, Patrick D., Roxanna M. Smolowitz, Richard E. Peterson, and John J. Stegeman.
Department of WHOI Author: BIO.
Contribution Number: 9164

Gunther, Andrew J., Robert B. Spies, John Stegeman, Bruce Woodin, Diane Carney, James Oakden, and Leslie Hain.
Department of WHOI Author: BIO.
Contribution Number: NONE

Joyce, Terry M., James R. Luyten, Alexander Kubryakov, Frank B. Bahr, and Julie S. Pallant.
Department of WHOI Author: PO.
Contribution Number: 9137

Department of WHOI Author: BIO.
Contribution Number: NONE

Contracts: AFOSR-F49620-94-1-0368, Sea Grant NA4646RG0470, R/P-60.
Department of WHOI Author: BIO.
Contribution Number: NONE
Mizell, Merle, Eric Romig, John Stegeman, Roxanna Smolowitz, and Rajesh Katayani.
Zebrafish embryo monitoring of the aquatic environment: dose-response synergism revealed in combinations of pollutant chemical mixtures.  
Contracts: AFOSR-F49620-94-1-0368, Sea Grant NA46RG0470, R/P-60.  
Department of WHOI Author: BIO.  
Contribution Number: NONE

Upper ocean velocities in the Beaufort Gyre.  
Contracts: ONR N00014-97-1-0135, ONR-N00014-92-1-4950, JAMSTEC.  
Department of WHOI Author: PO.  
Contribution Number: 9589

Ravizza, G., C.E. Martin, C.R. German, and G. Thompson.  
Os isotopes as tracers in seafloor hydrothermal systems: Metalliferous deposits from the TAG hydrothermal area, 26°N Mid-Atlantic Ridge.  
Contracts: NSF OCE93-01049.  
Department of WHOI Author: GEOL.  
Contribution Number: 9050

Stanton, Timothy K., Dezhang Chu, and Peter H. Wiebe.  
Influence of material properties of several zooplankton groups on acoustic scattering properties.  
Department of WHOI Author: AOPE.  
Contribution Number: 8813

Stanton, Timothy K., Dezhang Chu, and Peter H. Wiebe.  
Sound scattering by several zooplankton groups.  II: Scattering models.  
Department of WHOI Author: AOPE.  
Contribution Number: 9198

Stanton, Timothy K., Peter H. Wiebe, and Dezhang Chu.  
Differences between sound scattering by weakly scattering spheres and finite-length cylinders with applications to sound scattering by zooplankton.  
Contracts: ONR N00014-95-1-0287, NSF OCE-9201264.  
Department of WHOI Author: AOPE.  
Contribution Number: 9467
Cytochromes P450 (CYP) in tropical fishes: Catalytic activities, expression of multiple CYP proteins and high levels of hepatic microsomal P450 in fishes from Bermuda.
Contracts: NSF OCE80-18569, NSF OCE83-10505, NSF OCE93-14531, NSF OCE92-12979, USPHS ES-04220 - Bermuda Biological Station, Swedish Council for Forestry and Agricultural Research
Department of WHOI Author: BIO.
Contribution Number: 9025

Department of WHOI Author: BIO.
Contribution Number: NONE

Trowbridge, J. H.
Department of WHOI Author: AOPE.
Contribution Number: 9381

Route-specific cellular expression of cytochrome P405 1A (CYP1A) in fish (Fundulus heteroclitus) following exposure to aqueous and dietary benzoapyrene. Toxicol. Appl. Pharmacol., 142:348-359, 1997.
Department of WHOI Author: BIO.
Contribution Number: NONE

Voulgaris, G. and J.H. Trowbridge.
Contracts: Post-Doc Scholar award - WHOI, ONR Coastal Sciences Program.
Department of WHOI Author: GEOL.
Contribution Number: 9300
White, Renee D., Damian Shea, Andrew R. Solow, and John J. Stegeman.  
3,3',4,4'-Tetrachlorobiphenyl elicits transcriptional induction and post- 
transcriptional suppression of cytochrome P4501A1 in teleost liver in vivo.  
Contracts: NIH P30ES02109, EPA R817988, Sea Grant NA90-AA-D-SG480.  
Department of WHOI Author: BIO.  
Contribution Number: 9043

Cytochrome P-450 induction and histopathology in preemergent pink salmon 
Stanley D. Rice et al eds. Proceedings of the Exxon Valdez oil spill symposium, 
Department of WHOI Author: BIO.  
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Yang, Jiayan and J. David Neelin.  
Sea-ice interaction and the stability of the thermohaline circulation.  
Contracts: NOAA GC95-054.  
Department of WHOI Author: PO.  
Contribution Number: 9015

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