

# Salinity

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## Recent Publications on Salinity:



- [Toxicity of dissolved Cu, Zn, Ni and Cd to developing embryos of the blue mussel \(\*Mytilus trossolus\*\) and the protective effect of dissolved organic carbon.](#)  
*Marine water quality criteria for metals are largely driven by the...*4th October, 2008  
Department of Biology, McMaster University, Hamilton, ON, Canada L8S4K1;- *Comp Biochem Physiol C Toxicol Pharmacol.* 2008 Sep 12. ([DOI Direct Link](#))
- [Abundance and seasonal variations of phytoplankton in the creek waters of western mangrove of Kachchh-Gujarat.](#)  
*The phytoplankton was assessed quantitatively and qualitatively in regard...*4th October, 2008  
Centre of Advanced Study in Marine Biology, Annamalai University,- *J Environ Biol.* 2008 Mar;29(2):271-4.
- [Population challenges for Bangladesh in the coming decades.](#)  
*Bangladesh currently has a population approaching 150 million and will add...*4th October, 2008  
Health and Demographic Surveillance Unit, Public Health Sciences Division,- *J Health Popul Nutr.* 2008 Sep;26(3):261-72.
- [Short-term low-salinity tolerance by the longhorn sculpin, \*Myoxocephalus octodecimspinosus\*.](#)  
*The bottom-dwelling, longhorn sculpin, Myoxocephalus octodecimspinosus, is...*3rd October, 2008  
Department of Zoology, University of Florida, Gainesville, Florida.- *J Exp Zool Part A Ecol Genet Physiol.* 2008 Oct 1. ([DOI Direct Link](#))
- [Isolation and characterization of ACC deaminase-producing fluorescent pseudomonads, to alleviate salinity stress on canola \(\*Brassica napus\* L.\) growth.](#)  
*Salinity stress is of great importance in arid and semi-arid areas of the...*3rd October, 2008  
Department of Soil Science, Khoy Azad University, Iran.- *J Plant Physiol.* 2008 Sep 29. ([DOI Direct Link](#))
- [Dissolved metal background levels in marine waters. for the assessment of the physico-chemical status, within the European Water Framework Directive.](#)  
*The European Water Framework Directive (WFD) has, as its ultimate aim, a...*3rd October, 2008  
AZTI-Tecnalia Foundation Marine Research Division Herrera Kaia,- *Sci Total Environ.* 2008 Sep 29. ([DOI Direct Link](#))
- [Ionic composition of seawaters and derived saline solutions determined by ion chromatography and its relation to other water quality parameters.](#)  
*Ion chromatography (IC) presents new possibilities for assessing...*3rd October, 2008

Faculty of Chemistry and Chemical Technology, University of Ljubljana,- J Chromatogr A. 2008 Sep 18. ([DOI Direct Link](#))

- [Molecular cloning of stanniocalcin 1 and its extracorporeal regulation by salinity and  \$Ca^{2+}\$  in the Japanese flounder.](#)  
*Stanniocalcin 1 (Stc1) was originally identified as an anti-hypercalcemic...*3rd October, 2008  
- Zool J Linn Soc. 2008 Jul;25(7):728-38. ([DOI Direct Link](#))
- [The glutathione peroxidase gene family of Lotus japonicus: characterization of genomic clones, expression analyses and immunolocalization in legumes.](#)  
\* *Despite the multiple roles played by antioxidants in rhizobia-legume...*2nd October, 2008  
Departamento de Nutricion Vegetal, Estacion Experimental de Aula Dei,- New Phytol. 2008 Sep 29. ([DOI Direct Link](#))
- [Effect of increased dietary salinity on the reproductive status and energy intake of xeric and mesic populations of the spiny mouse, Acomys.](#)  
*The possible role of increased dietary salinity as a proximate regulator...*1st October, 2008  
Department of Evolutionary and Environmental Biology, University of Haifa,- Physiol Behav. 2008 Sep 13. ([DOI Direct Link](#))
- [The cyclic nucleotide-gated channel, AtCNGC10, influences salt tolerance in Arabidopsis.](#)  
*Cyclic nucleotide-gated channels (CNGCs) in the plasma membrane transport...*1st October, 2008  
School of Earth and Geographical Sciences, University of Western- Physiol Plant. 2008 Sep 18. ([DOI Direct Link](#))
- [Design of new enzyme stabilizers inspired by glycosides of hyperthermophilic microorganisms.](#)  
*In response to stressful conditions like supra-optimal salinity in the...*30th September, 2008  
Instituto de Tecnologia Quimica e Biologica, Universidade Nova de Lisboa,- Carbohydr Res. 2008 Sep 9. ([DOI Direct Link](#))
- [Effects of environmental salinity on gill endothelin receptor expression in the killifish, Fundulus heteroclitus.](#)  
*We recently determined that rapid changes in environmental salinity alter...*30th September, 2008  
University of Florida, Department of Zoology, Gainesville, FL 32608, USA;- Comp Biochem Physiol A Mol Integr Physiol. 2008 Sep 13. ([DOI Direct Link](#))
- [Bioaccumulation, Retention, and Depuration of Enteric Viruses by Crassostrea virginica and Crassostrea ariakensis Oysters.](#)  
*Crassostrea ariakensis oysters are under review for their introduction...*30th September, 2008  
The Johns Hopkins Bloomberg School of Public Health, Department of- Appl Environ Microbiol. 2008 Sep 26. ([DOI Direct Link](#))
- [Tidal influence on the distribution of hydrophobic organic contaminants in the Seine Estuary and biomarker responses on the copepod Eurytemora affinis.](#)  
*To elucidate tidally related variations of hydrophobic organic contaminant...*30th September, 2008  
Universite Bordeaux 1, CNRS, ISM-LPTC-UMR 5255 (Laboratory of Physico- and- Environ Pollut. 2008 Sep 24. ([DOI Direct Link](#))

## Salinity Patents:



- 7407677- [Enzymes having alpha amylase activity and methods of use thereof](#)
- 7413010- [Remediation of subterranean formations using vibrational waves and consolidating agents](#)

- 7413380- [Golf course turf conditioning control system and method](#)
- 7413552- [Method for subaqueous ultrasonic catastrophic irradiation of living tissue](#)
- 7413755- [Use of a cotton honeydew extract as active ingredient in or for preparing a cosmetic and/or pharmaceutical composition](#)
- 7413888- [Variants of beta-glucosidases](#)
- 7414037- [Hydrazide-containing CFTR inhibitor compounds and uses thereof](#)
- 7414039- [Interstitial therapy for immediate symptom relief and chronic therapy in interstitial cystitis](#)
- 7414119- [Aldolases, nucleic acids encoding them and methods for making and using them](#)
- 7414172- [Method for improving plant tolerance to environmental stress](#)
- 7416644- [Method and device for stripping ammonia from liquids](#)
- 7412303- [Evapotranspiration unit for re-programming an irrigation controller](#)
- 7411863- [Marine seismic data acquisition systems and methods](#)
- 7407793- [Consortium of nitrifying bacteria](#)
- 7408364- [Sensor for measuring moisture and salinity](#)
- 7408729- [Enhanced data storage and retrieval devices and systems and methods for utilizing same](#)
- 7409798- [Device for protecting an object from encroaching elements](#)
- 7410485- [Directional microwave applicator and methods](#)
- 7410577- [Method and apparatus for recovery of spilled oil or other viscous fluid](#)
- 7410581- [Branched flow filtration and system](#)
- 7410800- [Transgenic plants with increased glycine-betaine](#)
- 7411112- [Maize promoter named CRWAQ81](#)
- 7411118- [Inbred corn line PHB00](#)
- 7416666- [Mobile desalination plants and systems, and methods for producing desalinated water](#)
- 7416846- [Vaccine composition comprising virus-like particles of human papillomavirus](#)
- 7416874- [Recombinant bacterial phytases and uses thereof](#)
- 7425614- [Neuroprotective therapeutics preventing ERK/MAPK activation through the NMDA receptor](#)
- 7425665- [Protein kinase stress-related proteins and methods of use in plants](#)
- 7425666- [Transcription factor stress-related proteins and methods of use in plants](#)
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- 7426960- [Biogenic fuel gas generation in geologic hydrocarbon deposits](#)
- 7427220- [Amphibious robotic device](#)
- 7427633- [Inhalable aztreonam lysinate formulation for treatment and prevention of pulmonary bacterial infections](#)
- 7427696- [Transcription factor stress-related proteins and methods of use in plants](#)
- 7427697- [Sugar beet genes involved in stress tolerance](#)
- 7427698- [Protein kinase stress-related polypeptides and methods of use in plants](#)
- 7424915- [Vacuum pumping of conductor-in-conduit heaters](#)
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- 7420105- [Barley for production of flavor-stable beverage](#)
- 7421975- [Growing marine fish in fresh water](#)
- 7422857- [Detection of polyketide synthetase gene expression in \*Karenia brevis\*](#)
- 7422876- [Methods for generating cellulases](#)
- 7423196- [Scarecrow-like stress-related polypeptides and methods of use in plants](#)
- 7423202- [Soybean variety XB39E07](#)
- 7424176- [Optical fiber termination apparatus and methods of use, and optical fiber termination process](#)
- 7427760- [Infrared spectrometer](#)

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