

Special Issue

Toxicity and Nutrition in Marine Shellfish: Novel Analysis and Frontiers

Message from the Guest Editor

Marine shellfish are one of the healthiest foods that can be consumed due to its nutritional profile. They are rich in quality proteins, abundant in omega 3 and omega 6 fatty acids, great sources of minerals and vitamins (B1, B2, B3, B12, A, D). However, they are also foods that can easily deteriorate and that may contain toxins that could cause health problems for consumers. For this reason, we propose in this special issue to study the presence of toxic substances and toxins in marine shellfish, as well as new detection techniques for these substances and the evaluation of the associated risk for consumers due to the consumption of these species. Keywords

- heavy metals
- marine shellfish
- macroelements and microelements
- toxic substances and toxin
- nutrition

Guest Editor

Dr. Ángel J. Gutiérrez Fernández

Research Group in Food and Environmental Toxicology, University of La Laguna, 38200 San Cristóbal de La Laguna, Spain

Deadline for manuscript submissions

closed (30 January 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/73074

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)