

Special Issue

Engineering Methods for Packaging Design of Perishable Products

Message from the Guest Editor

Engineering packaging design means that we can determine the properties of foods and of packaging materials and infer the appropriate characteristics of the latter that provide the maximum benefit to the former. The importance of this subject has not abated, from the relevance of extending shelf life to minimise undue losses to the need to replace oil-based plastics by renewable materials, the study of the dynamic interaction between product and package is key to improve the sustainability of food productions systems. I believe that as we sit at the edge of a new boom in the research into bio-based renewable plastics, it is a good time to reflect on the state of the art and recent advances in the methods for the engineering design of packages, their benefits and limitations. This is the purpose of a Special Issue of Applied Science, which I therefore believe will be a valuable reference for researchers in the future.

Guest Editor

Dr. Jorge Oliveira

Agrarian Scholl-IPV and CERNAS-IPV Research Centre, Polytechnic Institute of Viseu, 3504-510 Viseu, Portugal

Deadline for manuscript submissions

closed (31 December 2019)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/23279

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

mdpi.com/journal/appls





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



[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), Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

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