

## Special Issue

# Energetic Materials: Ignition and Combustion

### Message from the Guest Editor

This special issue is opened to all types of energetic materials (gun propellants, pyrotechnic compositions, propellants, explosives), focusing on ignition and combustion properties. Alternative ignition systems and use of REACH compatible materials are especially covered. Topics of interest include, but are not limited to:

- Laser ignition
- Thermal degradation
- Low-Vulnerability Ammunitions
- Ignition energy determination
- Closed-vessel tests
- Heterogeneous combustion models
- Characterization methods

---

### Guest Editor

Dr. Léo Courty

PRISME Laboratory EA 4229, Université d'Orléans, 18020 Bourges, France

---

### Deadline for manuscript submissions

closed (20 January 2023)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.2



[mdpi.com/si/100920](https://mdpi.com/si/100920)

*Energies*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.2



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



## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, 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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Control and Optimization)