Special Issue

Photocatalysts for Environmental Applications

Message from the Guest Editor

Research teams around the world aim at developing photocatalysts that can be effectively utilized for environmental applications. These materials can be suitable for the mitigation of pollutants in gas, liquid and solid phases. This Special Issue aims to collect quality papers about the preparation, characterization and application of photocatalytic materials. The collected articles will underline the surface, textural, structural, optical and electrochemical properties of these nanomaterials, and focus on the applicability of photocatalysts in either UV or visible light irradiation. Studies concerning on reaction mechanisms and kinetics of study photocatalytic reactions are also welcome. I am pleased to invite you to submit manuscripts for this Special Issue on "Photocatalysts for Environmental Applications", in the form of research papers, communications, letters, and review articles. We look forward to your participation in this Special Issue of *Materials*. Keywords

- photocatalyst preparation
- characterisation of photocatalysts
- reaction mechanism and kinetics
- photocatalytic decomposition of pollutants

Guest Editor

Prof. Kamila Kočí

Institute of Environmental Technology, VŠB-Technical University of Ostrava, 17. Listopadu 15, Ostrava-Poruba, Czech Republic

Deadline for manuscript submissions

closed (31 May 2019)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/18684

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

MDPI

About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)