



Graphene-Based Photocatalysts for Water Decontamination

Guest Editors:

Dr. Alvin Lim Teik Zheng

Department of Science and
Technology, Faculty of
Humanities, Management and
Science, Universiti Putra
Malaysia, Bintulu Sarawak
Campus, Bintulu 97008, Sarawak,
Malaysia

Dr. Supakorn Boonyuen

Department of Chemistry,
Faculty of Science and
Technology, Thammasat
University, Pathumthani 12121,
Thailand

Dr. Andou Yoshito

Department of Life Science and
Systems Engineering, Graduate
School of Life Science and
Systems Engineering, Kyushu
Institute of Technology, Fukuoka,
Japan

Message from the Guest Editors

This Special Issue welcomes manuscripts (original research papers, reviews or communications) covering all aspects of heterogeneous and homogeneous photocatalytic processes and applications for the degradation of organic pollutants and disinfection in water and wastewater, with a particular interest in graphene/ hybrid graphene materials. Submissions are welcome in, but are not limited to, the following areas:

- The development of a novel graphene hybrid for the photocatalytic remediation of wastewaters, including their preparation and characterizations;
- The photocatalytic degradation of emerging contaminants in wastewater;
- Scale-up approaches for photocatalytic degradation systems.

Deadline for manuscript
submissions:

29 November 2024



mdpi.com/si/166912

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)