

Special Issue

Polymers in Dentistry: Dental Composites and Adhesives

Message from the Guest Editors

This Special Issue endeavours to furnish a comprehensive platform for researchers, academicians, and dental practitioners to spread their innovative findings, methodologies, and insights within the swiftly evolving domain of polymers in dentistry. The scope encompasses a wide array of topics, including, but not confined to, pioneering formulations and synthesis techniques for dental composites and adhesives, integration of bioactive agents to augment therapeutic efficacy, application of biomimetic design principles to emulate natural tooth structure and function, assessment of mechanical properties, biocompatibility, and clinical efficacy of advanced dental materials, as well as their utilization in restorative, aesthetic, prosthetic, and preventive dentistry. We enthusiastically welcome original research articles, reviews, and perspectives that contribute to advancing our comprehension and application of dental composites and adhesives, with the ultimate aim of enhancing oral health outcomes and patient care. We extend an invitation to join us in shaping the future of dental materials science and clinical practice through this captivating Special Issue.

Guest Editors

Dr. Noriko Hiraishi

Cariology and Operative Dentistry, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, 1-5-45 Yushima, Bunkyo-ku, Tokyo, Japan

Prof. Dr. Yung-Kang Shen

School of Dental Technology, College of Oral College, Taipei Medical University, Taipei 110, Taiwan

Deadline for manuscript submissions

closed (31 May 2025)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/208660

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

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





Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)