polymers

IMPACT FACTOR 4.7

Indexed in: PubMed

CITESCORE 8.0

an Open Access Journal by MDPI

Multiscale Simulations in Soft Matter

Guest Editor:

Prof. Dr. Martin Kröger
Polymer Physics, Department of Materials, ETH Zurich, Leopold-Ruzicka-Weg 4, CH-8093 Zurich, Switzerland

Deadline for manuscript submissions:
closed (31 March 2013)

Message from the Guest Editor

Dear Colleagues,

Multiscale modeling is interdisciplinary. Dynamics of complex, soft and biological materials typically exhibits large-scale, ultra-slow time evolution which can easily become several orders larger than typical microscopic length and time scales. Concepts and effective simulation methods bridging between different length and time scales are strongly desired. This issue aims to review the current state of the art in multi-scale simulations for bio- and soft materials and to highlight latest advances in applications and methodologies. The topical themes include computational methods for intermolecular forces, computational modelings for fluids, bio- and soft materials, coarse-graining methods, hybrid methods of micro/meso/macro simulations, non-equilibrium simulations, etc.

Prof. Dr. Martin Kröger
Guest Editor

polymers

IMPACT FACTOR 4.7 | Indexed in: PubMed | CITESCORE 8.0

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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 5.0.

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.

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)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/polymers
polymers@mdpi.com
𝕏@Polymers_MDPI