



an Open Access Journal by MDPI

## Biomimetic Fabrication and Manufacturing

Guest Editors:

**Dr. Lin Gan**

Chongqing Key Laboratory of  
Soft-Matter Material Chemistry  
and Function Manufacturing,  
Southwest University, Chongqing  
400715, China

**Prof. Dr. Jin Huang**

Chongqing Key Laboratory of  
Soft-Matter Material Chemistry  
and Function Manufacturing,  
School of Chemistry and  
Chemical Engineering,  
Southwest University, Chongqing  
400715, China

**Prof. Dr. Guang Yang**

State Key Laboratory of  
Separation Membranes and  
Membrane Processes, School of  
Textile Science and Engineering,  
Tiangong University, Tianjin  
300387, China

Deadline for manuscript  
submissions:

**closed (30 September 2022)**



[mdpi.com/si/116400](https://mdpi.com/si/116400)

### Message from the Guest Editors

To further its aims of combining basic research and applications, this Special Issue is divided into two main parts:

- Part a) Materials, covering topics such as bioinspired materials; biomimetic structures; biomimetic manufacturing; mechanical biomimetics; molecular biomimetics; functional biomimetics; smart materials; and hierarchical structure design.
- Part b) Applications, including optical measuring; gas analysis; electric sensors; acoustic devices; microrobots; wearable devices; and medical supplies.

We believe that this initiative will fill an important gap in biomimetic fabrication and manufacturing, and will stimulate the enthusiastic contributions of leading experts in the field.