



## Bioinspired Sensors and Sensing Materials

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### Message from the Guest Editors

This Special Issue is dedicated to exploring biological strategies that have inspired, or have the potential to inspire, the design of new sensors and sensing materials. These designs aim to manage environmental factors, such as humidity, temperature, CO<sub>2</sub> level, pressure, precipitation, wind speed and direction, and UV radiation and light, in addition to capturing and filtering pollutants and toxins, among other functionalities.

Furthermore, this Special Issue aims to summarize state-of-the-art advancements in bioinspired sensing and actuating materials by analyzing their design and exploring their diverse applications. It also seeks to provide insights into the challenges and future directions of these innovative systems.





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