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Editor

Functional Surfaces in Biology

Adhesion Related Phenomena

Volume 2

This book describes the structure and properties of biological surfaces having particular adhesive properties. This volume, written by a team of specialists from different disciplines, covers two main types of systems: those specialized in either adhesion enhancement or in adhesion reduction. Information on the adhesive organs of insects, geckos, barnacles, and fish is contained in the first part of the volume. The second part considers plant surfaces specialized in adhesion reduction. Because of the diversity of functions in adhesion-related biological surfaces, biology could provide interesting inspirations for a broad range of topics in engineering.

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