



Biomimetics

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Advances in Biomimetics

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Biomimetics research attempts to transfer the properties of living systems to engineering. Biological materials, structures, and processes are predominantly based on the combination of various effects at different scales: the nano-, micro-, meso-, and macroscale. This Special Issue focuses on recent advances in various areas of biomimetics: (1) materials and structures; (2) designs, constructions, and devices; (3) surfaces and interfaces; (4) architecture and climatization; (5) locomotion and bioinspired robotics; (6) sensorics, information processing and control; (7) chemical biomimetics; and (8) energy biomimetics.

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