Artificial Muscle Actuators using Electroactive Polymers

Description: Papers from the Focused Session A-12 'Artificial Muscle Actuators using Electroactive Polymers' of Symposium A 'Smart Materials and Micro/Nanosystems' and Symposium E 'Mining Smartness from Nature', held in Acireale, Sicily, Italy, June 8-13, 2008

The 27 peer-reviewed papers collected here together offer a plenitude of up-to-date information on “Artificial Muscle Actuators using Electroactive Polymers”.

The papers are conveniently arranged into the chapters:

1: Materials;
2: Analysis, physical mechanisms and characterization;
3: Devices and applications.

This special volume has also been published online in the series, “Advances in Science and Technology” Vol. 61.

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