

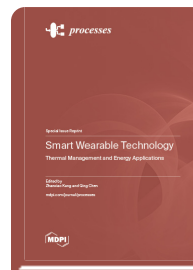
Special Issue Reprint

Smart Wearable Technology: Thermal Management and Energy Applications

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Smart Wearable Technology: Thermal Management and Energy Applications presents cutting-edge research on next-generation wearables designed to enhance human comfort, safety, and performance. This comprehensive volume explores innovative solutions for thermal regulation—from cooling garments for healthcare workers to self-heating textiles for extreme cold—alongside energy-efficient systems like solar-integrated fabrics and piezoelectric energy harvesters. Featuring AI-driven monitoring, defect detection in smart textiles, and real-world applications, this reprint bridges material science, engineering, and sustainability. Ideal for researchers, engineers, and industry professionals, this reprint offers actionable insights into the future of wearable technology, a must-read for those advancing smart textiles and sustainable wearables.

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