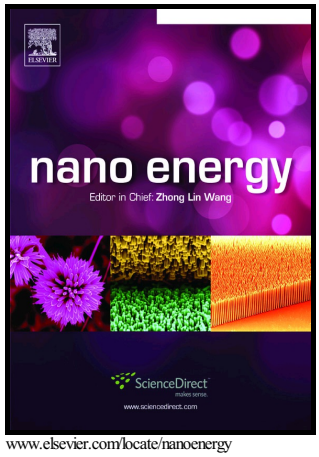

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Abstract:

Reusing waste materials to create energy harvester will not just reduce the environmental pollution, but also generate renewable electricity by scavenging