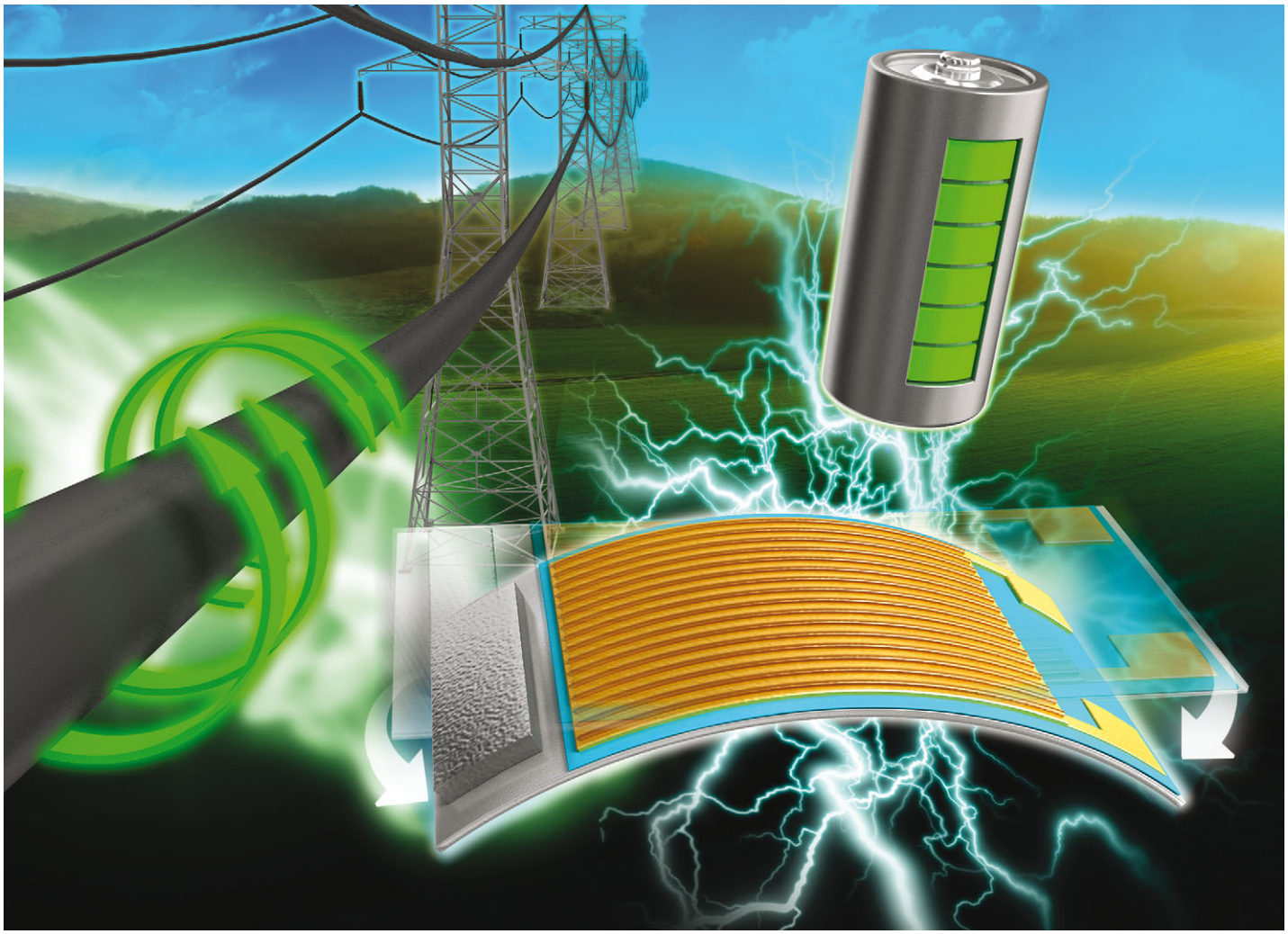
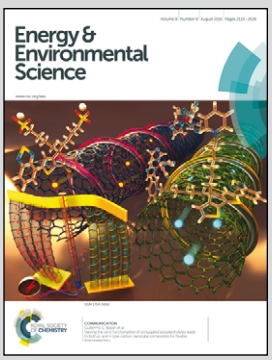


Showcasing research from the collaborative team of Jungho Ryu and Si-Young Choi from Korea Institute of Materials Science (KIMS), Dae-Yong Jung from Inha University, Korea, and Shashank Priya from Virginia Tech, USA.

Ubiquitous magneto-mechano-electric generator

A novel energy capturing technique for wasted parasitic magnetic noise in our living environment based upon a magneto-mechano-electric (MME) generator, consisting of piezoelectric single crystal fibers and Ni metal plate in the form of a cantilever structure. This MME generator can be a ubiquitous power source for wireless sensor networks, low power electric devices, and wireless charging systems by harvesting tiny amounts of parasitic magnetic energy from our living environment.

As featured in:



See Jungho Ryu, Dae-Yong Jeong *et al.*, *Energy Environ. Sci.*, 2015, **8**, 2402.

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