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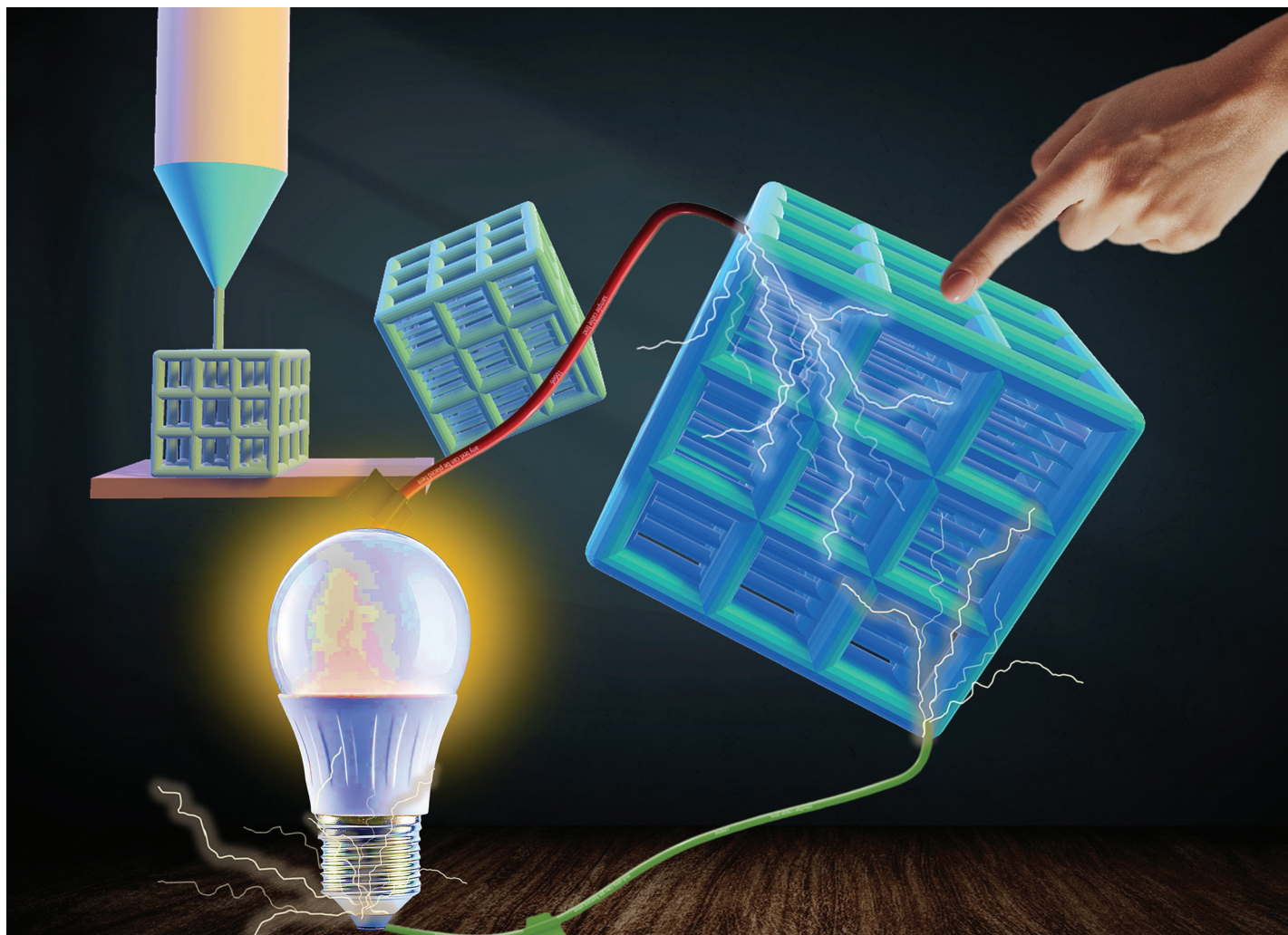
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Showcasing research from Professor Partha Kumbhakar's group, Department of Physics & Electronics, Christ University, Bangalore, India.

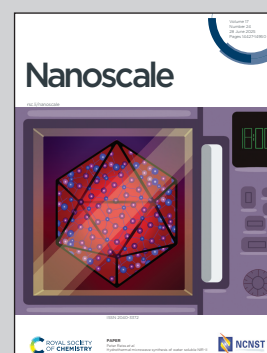
Two-dimensional chromium telluride-coated 3D-printed architectures for energy harvesting

An ingenious energy harvesting approach from pressure and temperature was implemented using a self-powered flexible 3D printed triboelectric nanogenerator coated with 2D chromium telluride. The synergistic effect of complex 3D designs and 2D materials significantly enhanced the power output of the TENGs.

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As featured in:



See Chandra Sekhar Tiwary, Partha Kumbhakar *et al.*, *Nanoscale*, 2025, 17, 14647.