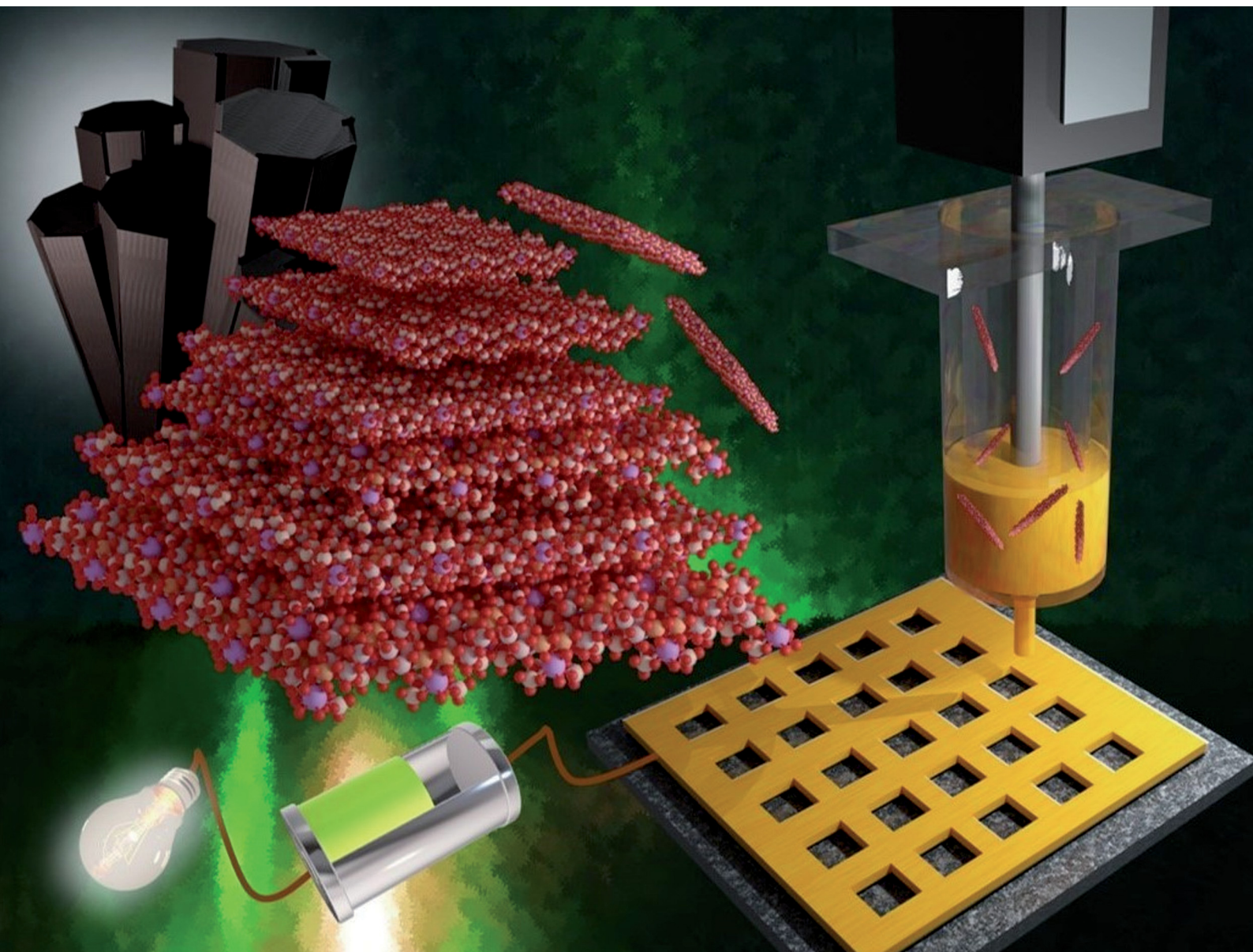


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**PAPER**

Douglas S. Galvao, Chandra Sekhar Tiwary *et al.*  
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using non-layered two-dimensional natural tourmaline  
silicates