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## Correction: Liquid flow-induced electricity in carbon nanomaterials

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Correction for 'Liquid flow-induced electricity in carbon nanomaterials' by Junxian Pei *et al.*, *Sustainable Energy Fuels*, 2019, 3, 599–610.

Fig. 1 in the original manuscript is not displayed correctly and should be replaced with the following:

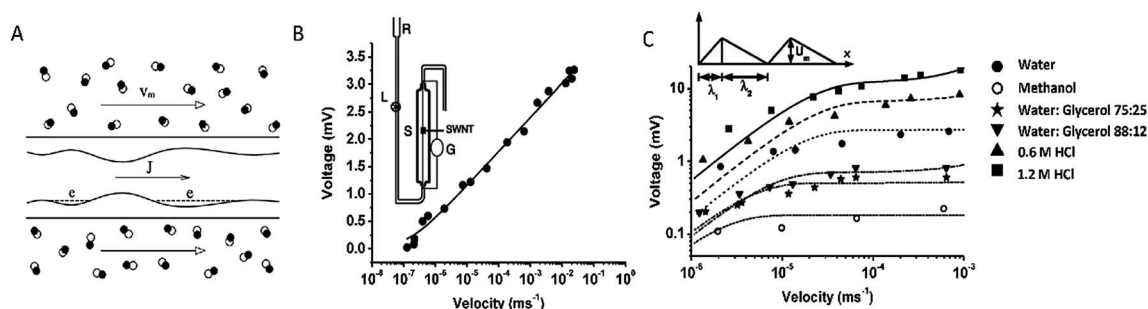


Fig. 1 Electricity generation from liquid flow outside a carbon nanotube: (A) scheme of a metallic nanotube immersed in a liquid, flowing along it with a bulk velocity  $v_m$ . The molecules, denoted by pairs of circles for different atoms, coat the nanotube in the form of slipping layers, which generate a phonon wind in the tube. This wind and fluctuating Coulomb fields from the molecules drive free carriers in the nanotube. Reprinted with permission from Kral *et al.*<sup>37</sup> copyright 2001, American Physical Society. (B) Variation of voltage,  $V$ , developed as a function of velocity of water. The solid line is a fit to the functional form  $V = \alpha \log(\beta u + 1)$ , where  $\alpha$  and  $\beta$  are constants. The inset shows the experimental setup, where  $R$  is the reservoir,  $L$  is the valve controlling the liquid flow,  $S$  is the cylindrical glass flow chamber, and  $G$  is the voltmeter. (C) Induced voltage as a function of liquid velocity for different liquids. The inset shows a schematic of asymmetric ratchet potential. Reprinted with permission from Ghosh *et al.*<sup>38</sup> copyright 2003, American Association for the Advancement of Science.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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