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CORRECTION

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Correction: Perovskite photodetectors and their application in artificial photonic synapses

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Correction for 'Perovskite photodetectors and their application in artificial photonic synapses' by Xin Huang *et al.*, *Chem. Commun.*, 2021, DOI: 10.1039/d1cc04447h.

The authors regret that there was an error in formulae 2 and 3 of section 2. The corrected formulae are given below:

(2) Responsivity (R) refers to the ratio of the photocurrent generated by the PDs to the intensity of the incident light under light illumination and is defined as follows:

$$R = \frac{I_l - I_d}{P_{in}A} = \frac{I_{ph}}{P_{in}A}$$

where I_l and I_d are the currents measured under light/in darkness, respectively, P_{in} is the power density of the incident light and A is the active area of a PD.

(3) Photosensitivity refers to the ratio of the photocurrent generated by the PDs to the dark current of the PDs in the dark.

$$P = \frac{I_l - I_d}{I_d}$$

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

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