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Correction: Fabrication of nanoporous anodized aluminum oxide based photonic crystals with multi-band responses in the vis-NIR region

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Correction for 'Fabrication of nanoporous anodized aluminum oxide based photonic crystals with multi-band responses in the vis-NIR region' by Mengqi Li *et al.*, *Nanoscale*, 2025, **17**, 4099–4110, <https://doi.org/10.1039/D4NR04744C>.

The authors regret a mistake in the caption of Fig. 2 in the original article, where the value $N = 2$ should be replaced by $N = 20$, and “the cross-sectional SEM images” should be “the planar images”. The corrected figure caption is as shown below.

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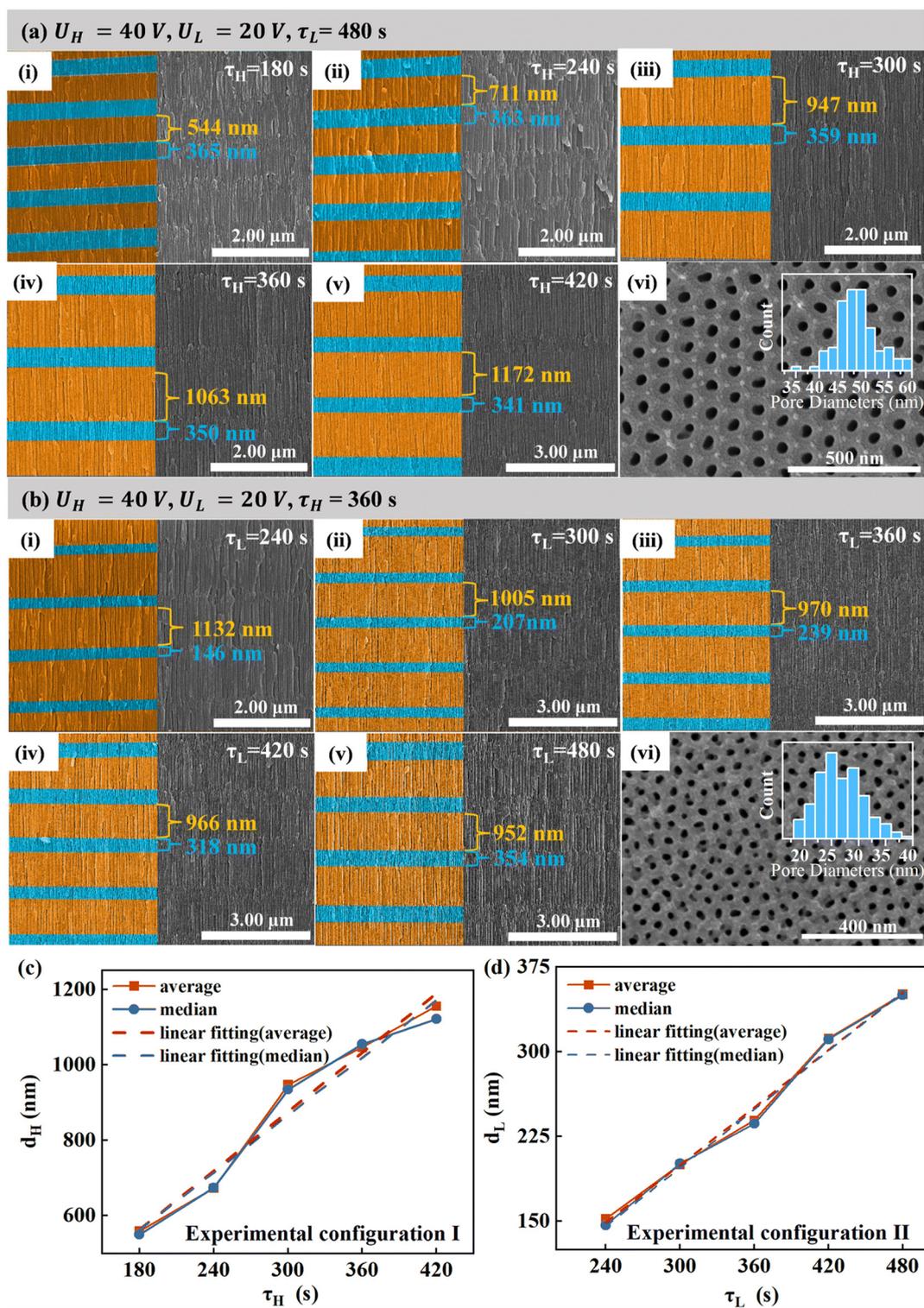


Fig. 2 Characterization of the layered structure of the AAO-based PC. Cross-sectional SEM images of the AAO-based PC synthesized with (a) varied τ_H (180 s, 240 s, 300 s, 360 s, 420 s) & constant $\tau_L = 480$ s and (b) varied τ_L (240 s, 300 s, 360 s, 420 s, 480 s) & constant $\tau_H = 360$ s. (Note: $U_H = 40\text{ V}$, $U_L = 20\text{ V}$, and $N = 20$, (a-vi) and (b-vi) and the insets show the planar images and the distribution diagram of the pore size synthesized under constant voltage for 5 h). (c) Line plot of the U_H pulse duration related to pore-layer thickness. (d) Line plot of the U_L pulse duration related to pore-layer thickness. (The solid lines and dashed lines indicate the experimental values and fitted values, respectively.)

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

