



Correction: Liquid crystal random lasers

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Correction for 'Liquid crystal random lasers' by Guangyin Qu et al., *Phys. Chem. Chem. Phys.*, 2023, **25**, 48–63, <https://doi.org/10.1039/D2CP02859J>.

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The authors would like to correct some errors in the published manuscript:

1. Fig. 3(d) and (e) are reproduced with permission from ref. 39 and the correct caption should read:

Fig. 3 (a) Schematic of the band-gap-tailored RL. (b) Transmission spectra of cholesteric LC as a function of temperature. (c) Random lasing spectra of LCs in the cholesteric state at different NIR (850 nm) irradiation times. Reproduced with permission from ref. 38. Copyright 2018 Chinese Laser Press. (d) Measured reflection PBG spectra from the near-UV band to the NIR band for the right- and left-handed helical superstructures. Reproduced with permission from ref. 39. Copyright © 2021 American Chemical Society. (e) Wide-band tunability of the lasing emission. Reproduced with permission from ref. 39. Copyright © 2021 American Chemical Society. (f) Schematic of the LC–polymer composite laser with a symmetric sandwich structure in which a dye-doped nematic LC (DDNLC) layer is sandwiched between two polymer-stabilized cholesteric LC (PSCLC) layers. (g) Schematic diagram of the PBG-broadening mechanism of the PSCLC in the presence of one dc voltage: before polymerization, no voltage was applied ($V = 0$) after polymerization, and the applied voltage > threshold voltage ($V > V_{th}$) after polymerization. Reproduced with permission from ref. 40. Copyright 2020 American Chemical Society.

2. The published manuscript listed the wrong publication for ref. 39. The correct ref. 39 is shown below as ref. 1.

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

References

- 1 Y.-S. Zhang, Z.-Q. Wang, W.-C. Chuang, S.-A. Jiang, T.-S. Mo, J.-D. Lin and C.-R. Lee, *ACS Appl. Mater. Interfaces*, 2021, **13**(46), 55550–55558, DOI: [10.1021/acsami.1c16655](https://doi.org/10.1021/acsami.1c16655).

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