

CORRECTION

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Correction: Inkjet printed paper based frequency selective surfaces and skin mounted RFID tags: the interrelation between silver nanoparticle ink, paper substrate and low temperature sintering technique

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Correction for 'Inkjet printed paper based frequency selective surfaces and skin mounted RFID tags: the interrelation between silver nanoparticle ink, paper substrate and low temperature sintering technique' by Veronica Sanchez-Romaguera *et al.*, *J. Mater. Chem. C*, 2015, DOI: 10.1039/c4tc02693d.

Please note the following changes to reference citations in the text:

In Section 2.2, the sentence beginning 'Photonic flash sintering...' should end with citations to ref. 20 and 27, instead of 27 and 28.

In Section 2.3, The sentence beginning 'The FSS design...' should end with a citation to ref. 28 instead of 30; and the sentence beginning 'The RFID antenna used in this work...' should end with a citation to ref. 8 instead of 9.

In Section 3.1, the sentence beginning 'By contrast, PEL paper...' should end with a citation to ref. 29 instead of 30.

In Section 3.2, the sentence beginning 'It is believed that...' should end with a citation to ref. 30 instead of 31.

In Section 3.3.1, the sentence beginning 'Previous studies on Ink B...' should end with a citation to ref. 26 instead of 32; the sentence beginning 'The impact of the thermal conductivity...' should end with a citation to ref. 31 instead of 33; the sentence beginning 'As indicated in the previously reported...' should end with a citation to ref. 26 instead of 32; the sentence beginning 'Allen *et al.* reported...' should end with a citation to ref. 32 instead of 34.

In Section 3.3.2, the sentence beginning 'Previous studies regarding...' should end with a citation to ref. 33 and 34 instead of 33 and 36; the sentence beginning 'Sintering of multilayer patterns...' should end with a citation to ref. 35 instead of 33; the sentence beginning 'The beneficial influence...' should end with a citation to ref. 34 instead of 36; the sentence beginning 'In combination with...' should end with a citation to ref. 15 and 34 instead of 14 and 15.

In Section 3.3.3, the sentence beginning 'IPL has been reported...' should end with a citation to ref. 20 instead of 33; the sentence beginning 'Excess energy is dissipated...' should end with a citation to ref. 36 and 37 instead of 37 and 38; the sentence beginning 'As seen from the thermal sintering...' should end with a citation to ref. 26 and 33 instead of 15, 32 and 35.

In Section 3.4.1, the sentence beginning 'The FSS structures presented...' should end with a citation to ref. 28 instead of 29.

In Table 1 final column, ref. 9, 39 and 39 should be 8, 38 and 38 (in rows 3, 4 and 5 respectively).

In addition, the following references should replace the corresponding numbered references in the References section:

14 S. Wünscher, S. Stumpf, A. Teichler, O. Pabst, J. Perelaer, E. Beckert and U. S. Schubert, *J. Mater. Chem.*, 2012, 22, 24569–24576.

15 I. Reinhold, C. E. Hendriks, R. Eckardt, J. M. Kranenburg, J. Perelaer, R. R. Baumann and U. S. Schubert, *J. Mater. Chem.*, 2009, 19, 3384–3388.

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- 26 S. Wünscher, T. Rasp, M. Grouchko, A. Kamyshny, R. M. Paulus, J. Perelaer, T. Kraft, S. Magdassi and U. S. Schubert, *J. Mater. Chem. C*, 2014, **2**, 6342–6352.
- 28 B. M. Turki, E. A. Parker, J. C. Batchelor, M. A. Ziai, V. Sanchez-Romaguera and S. G. Yeates, *Electron. Lett.*, 2013, **49**, 1054–1055.
- 29 www.printedelectronics.co.uk/Information%20Sheet%20for%20PEL%20Nano%20P60.pdf.
- 30 L. Goehring, R. Conroy, A. Akhter, W. J. Clegg and A. F. Routh, *Soft Matter*, 2010, **6**, 3562–3567.
- 31 K. C. Yung, X. Gu, C. P. Lee and H. S. Choy, *J. Mater. Process. Technol.*, 2010, **210**, 2268–2272.
- 32 M. Allen, J. Leppäniemi, M. Vilkman, A. Alastalo and T. Mattila, *Nanotechnology*, 2010, **21**, 475204.
- 33 S. Wünscher, B. Seise, D. Pretzel, S. Pollok, J. Perelaer, K. Weber, J. Popp and U. S. Schubert, *Lab Chip*, 2014, **14**, 392–401.
- 34 S. Wünscher, S. Stumpf, J. Perelaer and U. S. Schubert, *J. Mater. Chem. C*, 2014, **2**, 1642–1649.
- 35 D. Pappas, *J. Vac. Sci. Technol. A*, 2011, **29**, 020801.
- 36 K. A. Schroder, in *Proc. NSIT Int. Nanotech. Conf.*, 2011, p. 220.
- 37 M. J. Guillot, S. C. McCool and K. A. Schroder, in *Proc. 12th Int. Conf. Nucl. Engin. IMECE12-87674*, 2012, pp. 19–27.
- 38 M. A. Ziai and J. C. Batchelor, *IEEE Trans. Antennas Propag.*, 2011, **59**, 3565–3571.
- 39 A. Kamyshny and S. Magdassi, *Small*, 2014, **10**, 3515–3535.

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

