Corrigendum to

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In this article, Sect. 2.6.1, “Self-consistent estimates: effective thermal conductivity and air tortuosity”, contained typos in two equations that contribute to the definition of the self-consistent model. Please find below the corrected version.

First, on page 2262, the definition of $\gamma$, used in Eqs. (27) and (28), is not correct. In the published paper, we state,"where $\gamma$ is linked to the aspect ratio of the ellipsoid and anisotropy ratio of $k^{sc}$ by $\gamma = (a/b) \times \left(\frac{k^{sc}_{xy}}{k^{sc}_{z}}\right)^{1/2}$."

The correct definition is $\gamma = (a/b) \times \sqrt{\frac{k^{sc}_{z}}{k^{sc}_{xy}}}$. Second, on page 2262, there is a typo in Eq. (32), which defined partly the vertical and horizontal components of the effective thermal conductivity tensor. In the published paper, we state

$$\Delta_z = (k_a (\phi - (1 - 2Q)) + k_i ((1 - \phi) - (1 - 2Q)))^2$$
$$- 4(1 - 2Q) - 1(1 - 2Q)k_i k_a.$$  (32)

The correct version of Eq. (32) is

$$\Delta_z = (k_a (\phi - (1 - 2Q)) + k_i ((1 - \phi) - (1 - 2Q)))^2$$
$$- 4((1 - 2Q) - 1)(1 - 2Q)k_i k_a.$$  (32)