Corrigendum


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The authors regret that the printed version of the above article contained a number of errors. The correct and final version follows. The authors would like to apologise for any inconvenience caused.

Table 1
List of equilibrium and kinetic models.

<table>
<thead>
<tr>
<th>Model</th>
<th>Equation</th>
<th>Description</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equilibrium models</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Langmuir             | \[
\frac{C_e}{q_e} = \frac{C_i}{q_m} + \frac{1}{R_L K_L} C_i
\] | \((R_L = 0), \text{ favorable (}0 < R_L < 1\), linear (}R_L = 1\) or unfavorable (}R_L > 1\) | (Food and Hammed, 2010; Xiao et al., 2021) |
| Freundlich           | \[
\log q_e = \log K_F + \frac{1}{n} \log C_i
\] |                                                                         | (Food and Hammed, 2010) |
| Brunauer-Emmet-Teller (BET) | \[
q_e = \frac{q_{S_{BET}} C_e}{C_{S_{BET}} - C_e}
\] |                                                                         | (Ebadi et al., 2009) |
| Kinetic models       |                                                                          |                                                                             |           |
| Pseudo first order   | \[
\ln(q_e - q_t) = \ln(q_e - q_i) - k_1 t
\] |                                                                         | (Yuh-Shan, 2004) |
| Pseudo second order  | \[
\frac{C_t}{q_t} = \frac{1}{K_2 q_e} + \frac{1}{t}
\] |                                                                         | (Ho and McKay, 1999) |
| Weber and Morris     | \[
q_t = K_d t^{1/2} + C
\] | \(R_i\) is the ratio of the initial adsorption amount (C) to the final adsorption amount (\(q_{ref}\)) | (Wu et al., 2009) |

a \(q_{ref}\) (mg g\(^{-1}\)) is the solid phase concentration at time \(t = t_{ref}\) for an adsorption system; \(t_{ref}\) is the longest time in the adsorption process.

Table 5
Kinetic parameters of CPX adsorption on SB and PAC.

<table>
<thead>
<tr>
<th>Adsorbent</th>
<th>Experimental</th>
<th>Pseudo-first order</th>
<th>Weber and Morris</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(q_e) (mg g(^{-1}))</td>
<td>(q_e) (mg g(^{-1}))</td>
<td>(K_i) (min(^{-1}))</td>
</tr>
<tr>
<td>SB</td>
<td>5.72</td>
<td>5.73</td>
<td>0.046</td>
</tr>
<tr>
<td>PAC</td>
<td>50.12</td>
<td>50.0</td>
<td>0.083</td>
</tr>
</tbody>
</table>

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Fig. S2. Pseudo-first-order kinetic plots for the adsorption of CPX on SB and PAC (CPX: 20 mg L$^{-1}$, 30 °C, PAC: 0.3 g L$^{-1}$; SB: 3 g L$^{-1}$).

Declaration of competing interest

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.