

Corrigendum to “H-driven degradation of PFAS in the gas/liquid interface using electrochemistry configuration of cold plasma” (DOI: 10.31281/vab52w73)

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In this corrigendum we correct the following typos in Ref. [1]:

Page 203: “In agreement to that, the rate constant of 108 and 109 L mol⁻¹ s⁻¹ (...)” must be replaced by “In agreement to that, the rate constant of 10⁸ and 10⁹ L mol⁻¹ s⁻¹ (...)”.

Page 204: The rate constant of the reaction 7 was obtained from [2] (which was not mentioned in the original paper).

Page 205: Reaction 9, 10 and 15 must be read respectively as:

$$\frac{d[P]}{dt} = -k_1[e][P] \quad (9)$$

$$\frac{d[H^+]}{dt} = -k_4[e][H^+] \quad (10)$$

$$\frac{d[H\bullet]}{dt} = k_4[e][H^+] - \{k_5[e][H\bullet] + 2k_6[H\bullet]^2 + k_7[H\bullet][PFOA]\} \quad (15)$$

Further, Table 1 in [1] displays values of k₃ to k₆ obtained from [3] (Ref. [24] in the original paper), and not from [4] and [5] (Refs. [12] and [13] in the original paper). The rate constant k₇ obtained from [2] (which was not mentioned in the original paper), and not from [4] (Ref 12 in the original paper).

Page 213: “According to reaction 17, (...), being the latter measured by Schröter et al. [6] (Ref. [35] in the original paper)” must be read as “According to reaction 19, (...) being the latter measured by Schröter et al. [6] (Ref. [35] in the original paper)”.

None of the errors mentioned above affect the main conclusions of the paper.

I. References

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