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CORRECTION

Correction to: Densities of Active Species in R/x%(N_2–5%H_2) (R = Ar or He) Microwave Flowing Afterglows

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Correction to: Plasma Chemistry and Plasma Processing (2019) 39:1103–1114 https://doi.org/10.1007/s11090-019-09992-7

Unfortunately, the original publication contains errors. The authors would like to correct the errors as given below:

(a) Page 1103, line 9: In the abstract section, "From these densities, the destruction probabilities of the H-atoms on the afterglow quartz tube wall is found to be: $\gamma_H^{He} = (2-3) \times 10^{-4}$ and $\gamma_H^{Ar} = (3-4) \times 10^{-3}$" should read as "From these densities, the destruction probabilities of the H-atoms on the afterglow quartz tube wall are found to be: $\gamma_H^{He} = (2-3) \times 10^{-3}$ and $\gamma_H^{Ar} = (3-4) \times 10^{-3}$".

(b) Page 1113, line 3: "Using Eq. (8), a global destruction probability of $\gamma_H^{He} = 2.5(\pm 1.0) \times 10^{-4}$ is obtained in He/x(N_2–5%H_2) mixtures" should read as "Using Eq. (8), a global destruction probability of $\gamma_H^{He} = 2.5(\pm 1.0) \times 10^{-3}$ is obtained in He/x(N_2–5%H_2) mixtures".

(C) Page 1113, line 11: "The $\gamma_N^{N_2}$ value is thus about one order of magnitude lower than γ_H^{He} and two orders of magnitude lower than γ_H^{Ar}" should read as "The $\gamma_N^{N_2}$ value is thus about two orders of magnitude lower than γ_H^{Ar} and γ_H^{He}".

(d) Page 1113, line 13: "It is found $\gamma_H^{He} = 2.5(\pm 1.0) \times 10^{-4}$ in the He/(2–90)%(N_2–5%H_2) mixtures, one order of magnitude lower than the $\gamma_H^{Ar} = 4 \times 10^{-3}$ value obtained in the Ar/2%(N_2–5%H_2) mixture" should read as "It is found $\gamma_H^{He} = 2.5(\pm 1.0) \times 10^{-3}$ in the He/(2–90)%(N_2–5%H_2) mixtures and $\gamma_H^{Ar} = 4 \times 10^{-3}$ in the Ar/2%(N_2–5%H_2) mixture".

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