Correction to Three-Dimensional Homogeneous Ferrite-Carbon Aerogel: One-Pot Fabrication and Enhanced Electro-Fenton Reactivity

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T he authors regret that the following four sections of text in the above article were copied almost verbatim from ref 48 within the article without direct attribution or permission. The article from which the text was copied is Pham, A. L. ; Lee, C.; Doyle, F.; Sedlak, D. *Environ. Sci. Technol.* **2009**, *43*, 8930– 8935, DOI: 10.1021/es902296k. The scientific conclusions of the above article remain valid and unchanged.

"Under low pH conditions, the process appears to be controlled by redox cycling of surface and dissolved iron (i.e., Fe[II]/Fe[III]), the latter resulting from dissolution of iron oxides.^{48,52,53} At neutral pH value, the contribution of dissolved iron to H_2O_2 activation should be minimal because Fe(III) is indissolvable.^{54,55} Therefore, the decomposition of H_2O_2 under neutral pH condition is considered as a surface-catalyzed process."

"... presumably fits the Haber–Weiss mechanism that is analogous to that observed in the homogeneous Fenton system."

"not catalyze the decomposition of H_2O_2 . Thus, the significant enhancement in H_2O_2 activation."

"The role of steric position of reactive sites on redox processes has been deduced to be important in the reduction of carbon tetrachloride by Fe(II) associated with goethite, where the steric position of the latter can enhance multiple electron transfer reactions.^{48,61} In a similar way, iron dispersion within the carbon matrix might favor those radical mechanisms abovementioned, leading to more •OH production during the decomposition of H₂O₂."



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