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Correction to: Purification of textile wastewater by using coated Sr/S/N doped TiO_2 nanolayers on glass orbs [DOI:10.1007/s11814-017-0176-0]

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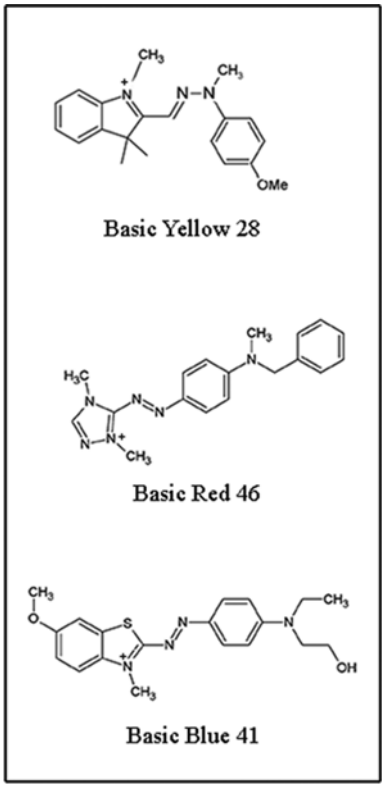
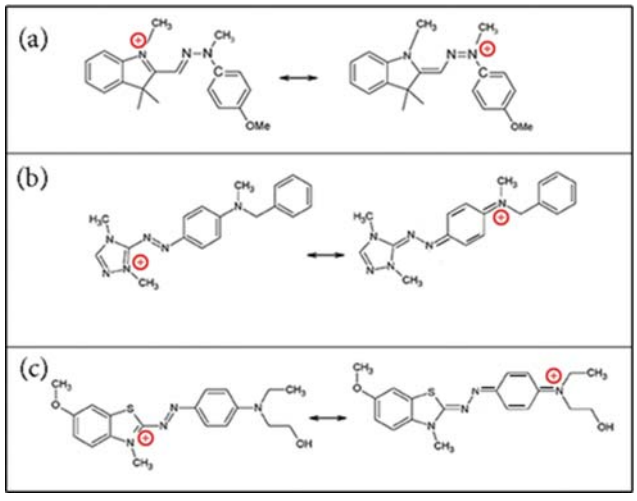
In Scheme 1 in the original publication, "Basic Blue 28" should be replaced with "Basic Blue 41". The corrected scheme appears below:

In the original publication, the charges of all the resonance forms in Scheme 2(b) and 2(c) should be positive. Also, the corresponding explanation of this scheme which is placed in paragraph 3, page 7 should be corrected. The corrected scheme and paragraph appears below and the changes to the paragraph are shown in **bold**:



Scheme 1. Chemical structures of the azo dyes used in this work.

Moreover, it can be observed that Basic Yellow 28 is more degraded at acidic pH=2 than two other dyes. This difference could be attributed to the possible resonance forms of three different dyes (Scheme 2). By drawing two different resonance forms of the dyes, it is observed that **all dyes have** two different resonance forms which both of them are cationic. It is more likely that in acidic pH, the instantly cationic structures of two later dyes are absorbed on TiO_2 surface with positive potential zeta due to **their bigger size and high charge distribution** and be degraded. Thus, it is observed that in acidic pH, Basic Red 46 and Basic Blue **41** dyes are more degraded than Basic Yellow 28 dye.



Scheme 2. Resonance forms of (a) basic yellow 28, (b) basic red 46, and (c) Basic blue 41.

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