

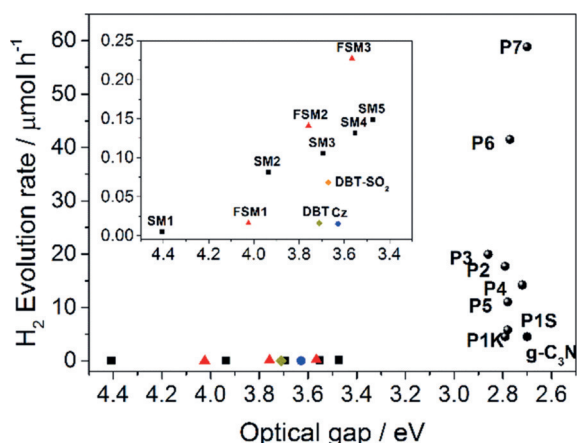
# Angewandte Corrigendum

Visible-Light-Driven Hydrogen Evolution Using Planarized Conjugated Polymer Photocatalysts

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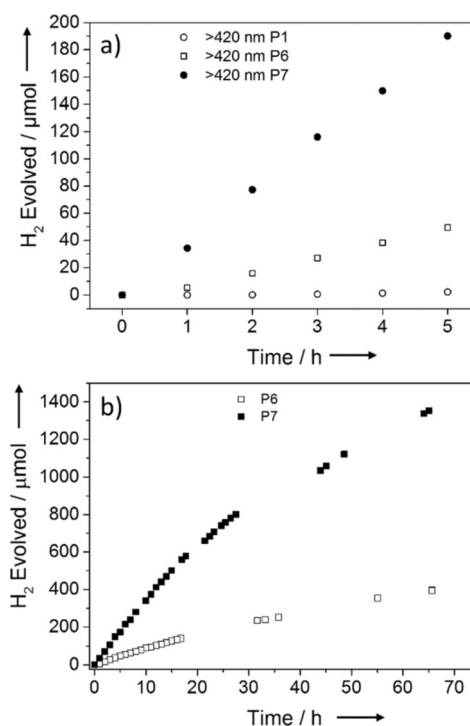
**Figure 2.** Photocatalytic hydrogen evolution rates. Each measurement was performed with 25 mg catalyst in water/MeOH/triethylamine mixture under broad-spectrum irradiation ( $\lambda > 295$  nm; see Table 1 for visible light HERs).

**Table 1:** Photophysical properties and hydrogen evolution rates (HERs) for the polymer photocatalysts.

Polymer	Optical gap	$\lambda_{em}$	HER > 420 nm <sup>[c]</sup> [ $\mu\text{mol h}^{-1}$ ]	HER > 295 nm <sup>[c]</sup> [ $\mu\text{mol h}^{-1}$ ]
P1K	...	...	0.8 ( $\pm 0.04$ )	4.2 ( $\pm 0.3$ )
P1S	...	...	1.6 ( $\pm 0.1$ )	5.8 ( $\pm 0.2$ )
P2	...	...	3.4 ( $\pm 0.1$ )	17.7 ( $\pm 0.1$ )
P3	...	...	> 0.04 ( $\pm 0.02$ )	20.0 ( $\pm 0.2$ )
P4	...	...	3.2 ( $\pm 0.1$ )	14.2 ( $\pm 0.5$ )
P5	...	...	0.9 ( $\pm 0.2$ )	11.1 ( $\pm 0.2$ )
P6	...	...	10.8 ( $\pm 0.1$ )	41.5 ( $\pm 0.3$ )
P7	...	...	37.3 ( $\pm 0.8$ )	58.8 ( $\pm 1.9$ )

... [c] Reaction conditions: 25 mg polymer was suspended in water/MeOH/triethylamine solution, irradiated by 300 W Xe lamp for 5 hours using a suitable filter.

The authors regret that incorrect data was presented in Figure 2, Figure 3, and Table 1 of this Communication. The corrected Figures and Table entries are shown below. The hydrogen evolution rates were incorrectly calculated, but by a common scaling factor. Hence, the trends observed between materials and the overall conclusions made in the Communication remain valid. The correct  $\text{H}_2$  evolution rate for the most active polymer, P7, under visible light ( $> 420$  nm) should be  $37.3 \mu\text{mol h}^{-1}$  ( $1492 \mu\text{mol g}^{-1} \text{h}^{-1}$ ), not  $92.0 \mu\text{mol h}^{-1}$  as initially reported. The apparent quantum yields at 420 nm for P1K, P6, and P7 should be corrected to 0.4% ( $\pm 0.1\%$ ), 2.2% ( $\pm 0.2\%$ ), and 7.2% ( $\pm 0.3\%$ ), respectively.



**Figure 3.** a) Time-course for photocatalytic  $\text{H}_2$  production using visible light for P1K, P6, and P7 (25 mg catalyst in water/MeOH/triethylamine mixture  $\lambda > 420$  nm). b) P6 and P7 (25 mg catalyst in water/MeOH/triethylamine mixture;  $\lambda > 420$  nm), photolysis run for a total of 65 h.

The most active polymer, P7, was studied independently by another research group,<sup>[1]</sup> who reported an apparent quantum yield of 6.61%, close to the corrected value of 7.2%. The precise value of the apparent quantum yield and hence the  $\text{H}_2$  evolution rate will depend on the details of the experimental set up and the irradiation intensity.

[1] C. Yang, B. C. Ma, L. Zhang, S. Lin, S. Ghasimi, K. Landfester, K. A. I. Zhang, X. Wang, *Angew. Chem. Int. Ed.* **2016**, 55, 9202–9206; *Angew. Chem.* **2016**, 128, 9348–9352.