Erratum: Active Phase Structure of the SiO₂-supported Nickel Phosphide Catalysts for Non-oxidative Coupling of Methane (NOCM) Reactions

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The Debye-Waller factor's unit and notation [σ^2 ($10^{-4} \text{ \AA}^2$)] in Table 1 on p. 26 in the original article were incorrect. The correct Debye-Waller factor in Table 1 is shown below.

This correction does not affect the results and the conclusion of the original article.

Table 1: Curve fitting results of the Ni K-edge EXAFS spectra for the Ni₂P reference and different samples with initial Ni : P ratios of 1 : 1, 2 : 1, and 3 : 1.

Samples	Ni–Ni				Ni–P				R% ^e
	CN ^a	<i>R</i> (Å) ^b	<i>σ</i> (Å) ^c	<i>ΔE</i> (eV) ^d	CN ^a	<i>R</i> (Å) ^b	<i>σ</i> (Å) ^c	<i>ΔE</i> (eV) ^d	
Fresh Samples									
Ni ₂ P reference	4.0 ± 0.3	2.62 ± 0.02	0.092	5.4	1.0 ± 0.3	2.21 ± 0.02	0.071	−5.1	0.5
Ni–P (1:1, 0 h)	4.6 ± 0.6	2.62 ± 0.02	0.085	3.4	1.3 ± 0.3	2.19 ± 0.02	0.081	−7.5	0.3
Ni–P (2:1, 0 h)	4.2 ± 0.3	2.52 ± 0.02	0.093	−1.1	0.6 ± 0.3	2.18 ± 0.03	0.036	−7.3	0.1
Ni–P (3:1, 0 h)	4.6 ± 0.9	2.45 ± 0.02	0.116	−7.2	2.0 ± 0.5	2.28 ± 0.02	0.139	−3.6	0.5
Spent Samples									
Ni–P (1:1, 3 h)	4.5 ± 0.8	2.62 ± 0.03	0.082	3.5	1.5 ± 0.5	2.18 ± 0.03	0.084	−9.8	0.5
Ni–P (2:1, 3 h)	4.3 ± 0.3	2.53 ± 0.03	0.095	−0.7	0.7 ± 0.3	2.17 ± 0.03	0.058	−8.8	0.3
Ni–P (3:1, 3 h)	4.6 ± 1.0	2.46 ± 0.02	0.117	−6.6	2.1 ± 0.6	2.28 ± 0.03	0.131	−2.3	0.4

^a Coordination number.

^b Interatomic distance.

^c Debye-Waller factor.

^d Edge shift.

^e Residual factor.

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