Correction to: Cellulose-based polymer electrolyte derived from waste coconut husk: residual lignin as a natural plasticizer

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The original version of this article unfortunately contained many mistakes with regard to some mathematical expressions and to Tables 3 & 5. The correct presentations are enumerated below:

A) Equations 1–10 should be presented as:

$$CI (\%) = \frac{I_{002} - I_{am}}{I_{002}} \times 100\% \quad (1)$$

$$CI (\%) = \frac{A_T - A_a}{A_T} \times 100\% \quad (2)$$

$$\sigma = \frac{t}{R_b \times A} \quad (3)$$

$$Z_{CPE} = k \frac{\left[\cos \left(\frac{\pi p}{2} \right) - j \sin \left(\frac{\pi p}{2} \right) \right]}{\omega^p} \quad (4)$$

$$Z' = \frac{R_b + R_b^2 k_1^{-1} \omega^{p_1} \cos \left(\frac{\pi p_1}{2} \right)}{1 + 2R_b k_1^{-1} \omega^{p_1} \cos \left(\frac{\pi p_1}{2} \right) + R_b^2 k_1^{-2} \omega^{2p_1}} + \frac{k_2 \cos \left(\frac{\pi p_2}{2} \right)}{\omega^{p_2}} \quad (5)$$

$$Z'' = \frac{R_b^2 k_1^{-1} \omega^{p_1} \sin \left(\frac{\pi p_1}{2} \right)}{1 + 2R_b k_1^{-1} \omega^{p_1} \cos \left(\frac{\pi p_1}{2} \right) + R_b^2 k_1^{-2} \omega^{2p_1}} + \frac{k_2 \sin \left(\frac{\pi p_2}{2} \right)}{\omega^{p_2}} \quad (6)$$

$$K = ne^2 a^2 \gamma k^{-1} \quad (7)$$

$$\omega_p = \frac{\sigma T}{K} \quad (8)$$

$$\mu = \frac{\sigma}{ne} \quad (9)$$

$$D = \frac{kT\sigma}{ne^2} \quad (10)$$

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B) Tables 3 and 5:

Table 3 %CI of native cellulose and CMC

Sample	Peak Area					CI (%)		
	Peak 1	Peak 2	Peak 3	Peak 4	Peak 5	Cellulose		CMC (-C:30:5) *
						Deconvolution	Peak Height	Peak Height
CH-A-0B	1.954	1.552	1.708	2.902	1.946	83.03	5.39	50.47
CH-A-1B	1.028	1.883	0.625	2.245	1.712	91.66	41.53	38.88
CH-A-2B	0.679	1.128	0.520	2.910	1.684	92.49	48.04	45.21
CC	0.408	0.363	0.000	0.299	1.725	100.00	95.24	45.51

*CI of carboxymethylated sample with assigned formulation -C:30:5

Table 5 Transport property parameters of CMC-NH₄NO₃ PE system at ambient temperature

Samples		$n (\times 10^{14})$	$K (\times 10^{-16})$	$\omega_p (\times 10^{10})$	$\mu (\times 10^{-3})$	$D (\times 10^{-5})$	$\sigma (\times 10^{-4})$
		(cm ⁻³)	(S cm ⁻¹ K Hz ⁻¹)	(Hz)	(cm ² V ⁻¹ s ⁻¹)	(cm ² s ⁻¹)	(mS cm ⁻¹)
CH-A-1B-	C:30:5	2.55	4.27	9.77	3.37	8.79	1.38
	C:30:6	14.6	24.4	3.10	1.07	2.79	2.50
	C:38:5	4.95	8.29	17.6	6.07	15.8	4.82
CH-A-2B-	C:30:5	7.33	12.3	1.19	0.41	1.07	0.48
	C:30:6	5.88	9.84	4.17	1.44	3.75	1.35
	C:38:5	1.04	1.74	6.49	2.24	5.84	0.37

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