

CORRECTION

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Correction: Solid oxide fuel cells for ammonia synthesis and energy conversion

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DOI: 10.1039/d2se90070j

rsc.li/sustainable-energyCorrection for 'Solid oxide fuel cells for ammonia synthesis and energy conversion' by Valentina Goldstein et al., *Sustainable Energy Fuels*, 2022, 6, 4706–4715, <https://doi.org/10.1039/D2SE00954D>.

Table 2 in the original article shows the incorrect unit for the rate of NH₃ in two locations. The correct unit of the rate of NH₃ is 10^{−9} mol cm^{−2} s^{−1}. Below is the correct version of Table 2.

Table 2 The parameters of the tested cells, including the current and voltage used for the NH₃ synthesis, the NH₃ synthesis rate (mol cm^{−2} s^{−1}), energy consumption, the fraction of energy expended for NH₃ synthesis, the faradaic efficiency (\mathcal{A}_F), and the energy efficiency (\mathcal{A}_E)

#	Parameter/cell	CH ₄ cell ① air	CH ₄ cell ④ air	CH ₄ cell ② air	H ₂ cell ⑥ air
1	Wet, %	20	14	5	20
2	Current (mA)	16	16	1.3	3.36
3	Voltage (V)	0.039	0.05	0.9	0.9
4	Mass of NH ₃ (mg)	2.166	0.437	0.640	3
5	Time (min)	107	12	46	60
6	Energy consumption (kJ mol _{NH₃} ^{−1})	22.7	22.4	85.78	61.7
7	Fraction of energy applied for NH ₃ synthesis (%)	3.6	7	24.6	7
8	Rate of NH ₃ (10 ^{−9} mol cm ^{−2} s ^{−1})	1.2	1.4	0.85	3
9	\mathcal{A}_F , Faraday efficiency	—	—	3.0	4
10	\mathcal{A}_E , energy efficiency	2	2.8	0.72	1
	Rate of NH ₃ at OCV (10 ^{−9} mol cm ^{−2} s ^{−1})	1.4	1.4	0.97	2.6

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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