Sustainable Energy & Fuels

ROYAL SOCIETY OF CHEMISTRY

CORRECTION

View Article Online
View Journal | View Issue

Cite this: *Sustainable Energy Fuels*, 2022, **6**, 5199

DOI: 10.1039/d2se90070j

rsc.li/sustainable-energy

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

Valentina Goldstein,[a] Manasa Kumar Rath,*[a] Alexey Kossenko,[ab] Natali Litvak,[a] Alexander Kalashnikov[c] and Michael Zinigrad[ab]

Correction 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 NH_3 in two locations. The correct unit of the rate of NH_3 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 NH_3 synthesis, the NH_3 synthesis rate (mol cm^{-2} s^{-1}), energy consumption, the fraction of energy expended for NH_3 synthesis, the faradaic efficiency (Λ_F), and the energy efficiency (Λ_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 $mol_{NH_3}^{-1}$)	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	Λ_F, Faraday efficiency	—	—	3.0	4
10	Λ_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.

[a]*Materials Research Center, Ariel University, Ariel 40700, Israel. E-mail: manas.physics@gmail.com*
[b]*Department of Chemical Engineering, Biotechnology and Materials, Faculty of Engineering, Ariel University, Ariel 40700, Israel*
[c]*3Rock Capital Partners, Moscow, Russia*