

Electronic supplementary materials

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Microfluidic fuel cells integrating slanted groove micro-mixers to terminate growth of depletion boundary layer thickness

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Table S1 Performance and design features of our research and others

Study	L_c/H	W_c/H	Re	Mixer designs	Limiting current density (A/m ²)
Marschewski et al. (2017)	26	0.875	20	None mixer	18
				S1	18.5
				S2	21
				S3	23
Present study	17	0.5	20	N1	23.06
				N2	22.89
				N3	15.57
	33	0.5	20	N1	22.19
				N2	22.29
				N3	12.50

References

Marschewski J, Ruch P, Ebejer N, et al., 2017. On the mass transfer performance enhancement of membraneless redox flow cells with mixing promoters. *INT J HEAT MASS TRAN*, 106:884-894.