



Cite this: *Chem. Commun.*, 2021, 57, 8826

Correction: High-efficiency methanol oxidation electrocatalysts realized by ultrathin PtRuM–O (M = Ni, Fe, Co) nanosheets

Yue Pan,[†] Hongdong Li,[†] Zuochao Wang, Yi Han, Zhanchao Wu, Xinyi Zhang, Jianping Lai,^{*} Lei Wang^{*} and Shouhua Feng

DOI: 10.1039/d1cc90298a

rsc.li/chemcomm

Correction for 'High-efficiency methanol oxidation electrocatalysts realized by ultrathin PtRuM–O (M = Ni, Fe, Co) nanosheets' by Yue Pan *et al.*, *Chem. Commun.*, 2020, **56**, 9028–9031, DOI: 10.1039/D0CC00361A.

The authors regret that some of the data in the original article were incorrect. The corrected values are shown in Table 1 below.

Table 1

Incorrect data in original article	Correct data
Page 9029, left column: the specific activity of the Pt ₇ RuNi ₂ –O NS catalyst was stated as 9.82 mA cm ^{–2}	The specific activity of the Pt ₇ RuNi ₂ –O NS catalyst is 4.65 mA cm ^{–2}
Page 9029, right column: the specific activity of the Pt ₇ RuNi ₂ –O NS catalyst was stated as 9.82 mA cm ^{–2} , 12.9 times higher than that of the commercial Pt/C catalyst (0.76 mA cm ^{–2})	The specific activity of the Pt ₇ RuNi ₂ –O NS catalyst is 4.65 mA cm ^{–2} , 6.12 times higher than that of the commercial Pt/C catalyst (0.76 mA cm ^{–2})
Page 9030, left column: the specific activity of the Pt ₇ Ru ₂ Ni–O NS, Pt ₇ Ru _{0.5} Ni _{2.5} –O NS and Pt ₇ Ru ₃ –O NS catalysts was stated as 9.68 mA cm ^{–2} , 7.15 mA cm ^{–2} and 2.83 mA cm ^{–2} , respectively	The specific activity of the Pt ₇ Ru ₂ Ni–O NS, Pt ₇ Ru _{0.5} Ni _{2.5} –O NS and Pt ₇ Ru ₃ –O NS catalysts is 3.93 mA cm ^{–2} , 3.31 mA cm ^{–2} and 1.46 mA cm ^{–2} , respectively
Page 9030, right column: the specific activity of Pt ₇ RuCo ₂ –O and Pt ₇ RuFe ₂ –O was stated as 7.83 mA cm ^{–2} and 6.31 mA cm ^{–2} , respectively	The specific activity of Pt ₇ RuCo ₂ –O and Pt ₇ RuFe ₂ –O is 4.35 mA cm ^{–2} and 2.25 mA cm ^{–2} , respectively

Fig. 2 and 4 also included some incorrect data and corrected versions of these figures are presented here. The graphical abstract included some incorrect data and this has been updated online with a corrected image. These errors do not affect the main results or conclusions of the paper.

Key Laboratory of Eco-chemical Engineering, Taishan Scholar Advantage and Characteristic Discipline Team of Eco-chemical Process and Technology, College of Chemistry and Molecular Engineering, Qingdao University of Science and Technology, Qingdao 266042, P. R. China. E-mail: inorchemwl@126.com, jplai@qust.edu.cn

[†] Yue Pan and Hongdong Li contributed equally to this work.



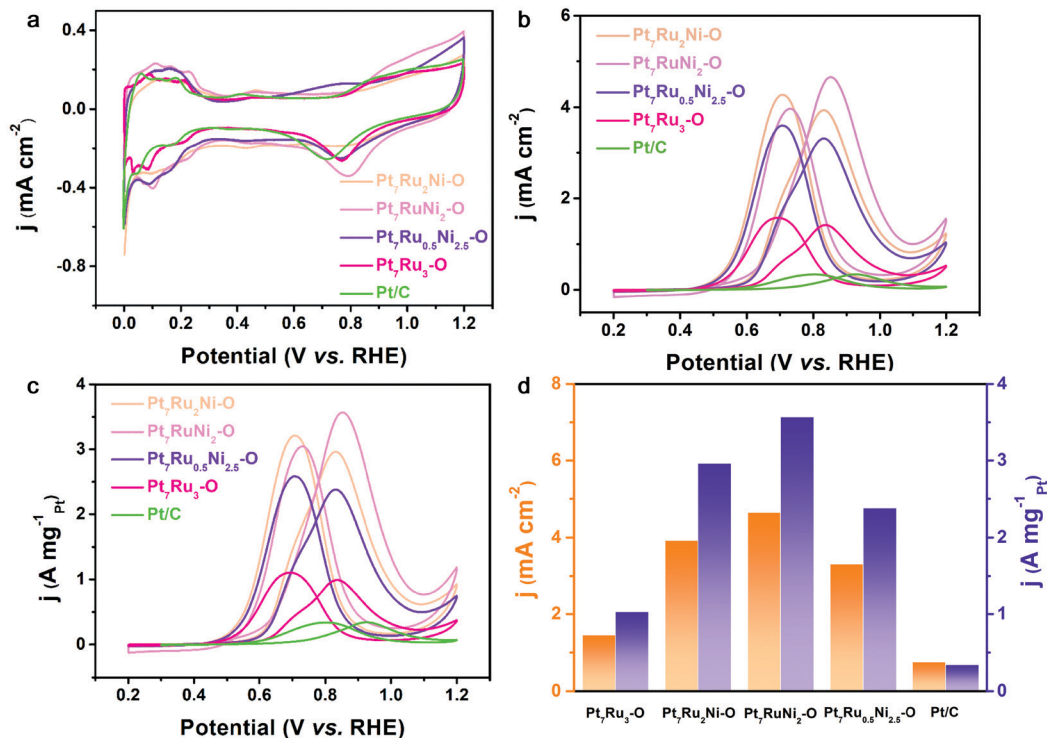


Fig. 2 (a) CV curves of different catalysts in N₂-saturated 0.5 M sulfuric acid. (b) Specific activity curves, (c) mass activity curves, and (d) corresponding histogram of mass and specific activities of different catalysts in N₂-saturated 0.5 M sulfuric acid and 0.5 M methanol.

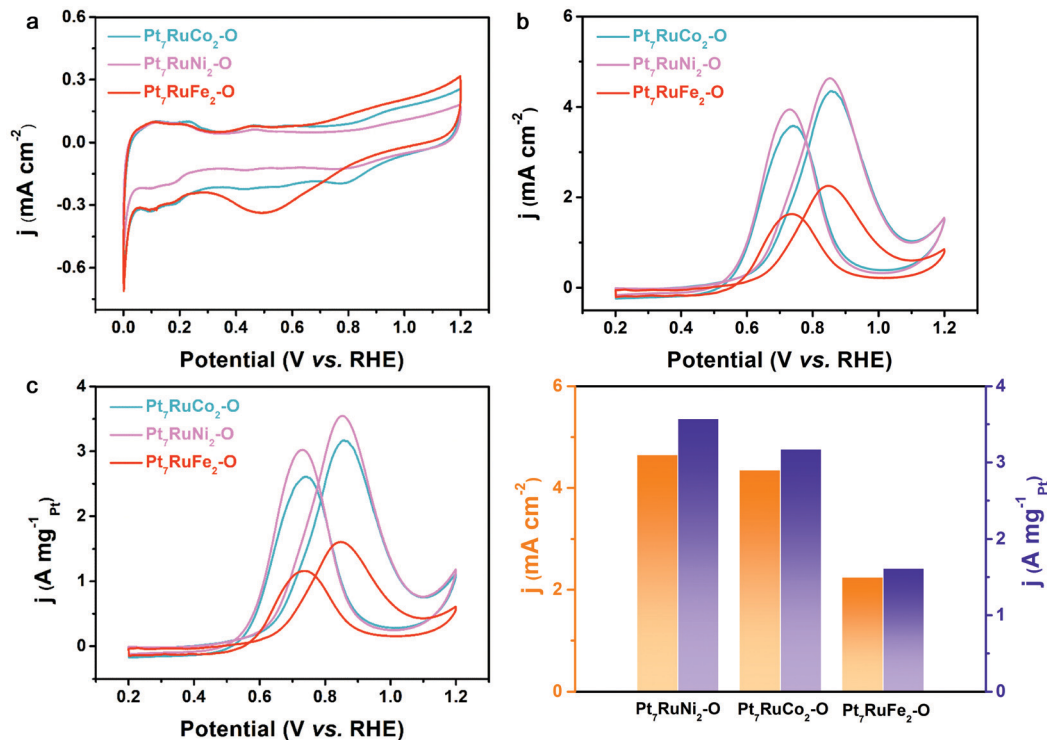


Fig. 4 (a) CV curves of Pt₇RuNi₂-O, Pt₇RuCo₂-O, and Pt₇RuFe₂-O catalysts in N₂-saturated 0.5 M sulfuric acid. (b) Specific activity curves, (c) mass activity curves, (d) the corresponding histogram of mass and specific activities of Pt₇RuNi₂-O, Pt₇RuCo₂-O, and Pt₇RuFe₂-O catalysts in N₂-saturated 0.5 M sulfuric acid and 0.5 M methanol.

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

