



Errata sheet

This errata sheet lists errors and their corrections for the doctoral thesis of Xiuyu, Wu, titled "Plasma Spray Coatings as Catalysts for Water Splitting: Exploring Novel Materials and Strategies", Umeå University, 2024. ISBN (print): 978-91-8070-308-6, ISBN (pdf): 978-91-8070-309-3.

Location	Error	Correction
Page 5	"The formation and desorption of the hydrogen molecule can also be achieved by a combination of two adsorbed hydrogen atoms, known as as stated in Eq. 2.5 ."	"The formation and desorption of the hydrogen molecule can also be achieved by a combination of two adsorbed hydrogen atoms, known as Tafel step as stated in Eq. 2.5 ."
Page 10	"Typically, the CE should have an area 10 times larger area than that of the WE. "	"Typically, the CE should have an area 10 times larger than that of the WE. "
Page 13	"During an EIS measurement, EIS is performed by perturbing the system with an small oscillating potential, "	"During an EIS measurement, EIS is performed by perturbing the system with a small oscillating potential, "
Page 13	"These two phenomena can be modelled by two utilizing two electrical components, a resistor (R_{ct}) and a capacitor (C_{dl}) in parallel. "	"These two phenomena can be modelled by utilizing two electrical components, a resistor (R_{ct}) and a capacitor (C_{dl}) in parallel. "
Page 37	"Therefore, we aimed to produce NiMo coatings using solution containing $(NO_3)_2 \cdot 6H_2O$ and $(NH_4)_6Mo_7O_{24} \cdot 4H_2O$ as the metal elements source."	"Therefore, we aimed to produce NiMo coatings using solution containing $Ni(NO_3)_2 \cdot 6H_2O$ and $(NH_4)_6Mo_7O_{24} \cdot 4H_2O$ as the metal elements source."