





Electrochemistry in LP-EM & Effects Induced by Irradiation of Metal Electrodes

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Reductive species (e_h^-, H^-)



References:

[1] Drouin et al., Scanning, 29, 2007, 92-101. DOI: 10.1002/sca.20000 [2] Körner et al., Submitted, PrePrint. DOI: 10.2139/ssrn.4891103 [3] Mulvey et al., Ultramicroscopy 257, 2024, 113894. DOI: 10.1016/j.ultramic.2023.113894 [4] Papavinasam, Techniques for Corrosion Monitoring; Elsevier, 2008; pp 49–85. DOI: 10.1533/9781845694050.1.49

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