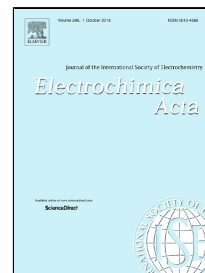


# Accepted Manuscript

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# Anodic activation of Mg in the presence of $\text{In}^{3+}$ ions in dilute sodium chloride solution

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## Highlights

- Anodic kinetics on Mg increased in 0.1 M NaCl with the addition of 1 mM  $\text{In}^{3+}$  ions.
- Cathodic kinetics on Mg remained unchanged in 0.1 M NaCl with the addition of 1 mM  $\text{In}^{3+}$  ions.
- Lower hydrogen evolution rates during anodic polarisation on Mg in 0.1 M NaCl + 1 mM  $\text{In}^{3+}$  ions.
- Higher discharge current densities and efficiencies on Mg anode in the presence of 1mM  $\text{InCl}_3$ .

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