

Best Practice Guidelines

Electrochimica Acta publishes Best Practice guidelines on topics within the field of electrochemistry, as defined by the remit of the journal and the technical interests of the divisions of ISE.

Best Practice articles provide guidelines for the acquisition, interpretation and presentation of electrochemistry data. Their purpose is to promote adherence to accepted standards of procedure and practice. The aim is to ensure veracity and reliability of reported data and thereby facilitate meaningful evaluation and comparison of related studies undertaken by different laboratories. The motivation for these articles derives from the substantial and beneficial engagement of researchers from different disciplines, each with distinct *modus operandi*. The challenge is that these diverse practices make comparison of procedures and correlation of the resulting data difficult. Unified practice will mitigate these problems.

These articles are not research or review articles in the conventional sense, although they may invoke recent research for illustrative purposes. They will set out accepted experimental protocols, interpretational criteria and presentational standards for aspects of electrochemical research; exemplars from recent research will facilitate their application. By adhering to these established benchmarks, authors will communicate more effectively, reviewers will evaluate more efficiently, and readers will assimilate articles more readily. Researchers will benefit from a smoother peer review process and ultimately enhanced citation of their work.

Best Practice guidelines are commissioned by the Development Editor.