

Flow Electrochemistry in Organic Synthesis

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Abstract: The direct electron transfer at electrode surfaces is one of the prototypical green technologies of the future and the use of microreactors further advances and simplifies that technology. The development of a robust and flexible flow microreactor for electrochemistry will be discussed alongside applications in synthesis. Combination with subsequent reactions and inline reaction monitoring allow a rapid integration into synthesis. First examples of iodine(III)-mediated reactions in flow will be discussed.