



Hot Electron Electrochemistry and Its Analytical Applications

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Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editor

Dear Colleagues,

All methods which make it possible to electrochemically introduce or inject hot electrons into electrolyte solutions are of interest to this Special Issue. Especially in aqueous solutions, interesting phenomena not observed in traditional electrochemistry at active working electrodes can be encountered. When hot electrons are injected into aqueous solutions possessing sufficiently high energy, they are transferred into the conduction band of water and successively thermalized and solvated. The reactivity of presolvated hot electrons in aqueous solution is poorly known, and only the reactivities of hydrated electrons (electrons solvated in water) are reasonably well studied. All analytical applications utilizing hot electrons or electrochemically generated presolvated and solvated electrons are relevant for this Special Issue.

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Guest Editor





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Message from the Editor-in-Chief

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