Special Issue

Progress in Light-Emitting Electrochemical Cells and Other Electronic Devices

Message from the Guest Editor

In recent years, the parameters of electronic devices based on the phenomenon of electroluminescence have significantly improved. This progress is particularly visible in the many publications and patents published yearly. In addition, many of the developed solutions have already been commercialized. However, the devices' prices are still high in many cases. This is mainly due to the multi-layer construction and rigorous production conditions. An additional difficulty is the need for encapsulation and using unstable electrodes. Therefore, light-emitting electrochemical cells (LECs) deserve special attention. First of all, this is due to their simple architecture and the possibility of using air-stable electrodes, significantly reducing costs. Moreover, strict encapsulation of selected elements and layers is not required. In addition, the LEC active layer can be processed by solution techniques such as spin coating, inkjet printing, and slot coating. Therefore, we invite you to submit your research for this Special Issue, which focuses on advances in light-emitting electrochemical cells (LECs).

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2025)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/182932

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