Special Issue

Recent Chemistry Research on Electrochemiluminescence

Message from the Guest Editors

Electrochemiluminescence (ECL) is persistently considered as a hot research topic and has a wide application scope, e.g., nucleic acid detection, immunoassay and the determination of electrocatalytic activity. Meanwhile, the basic theoretical research related to ECL has been developing in recent years. such as i) how to more accurately evaluate the lightemitting efficiencies of ECL luminescent probes; ii) the design and application of new ECL luminophores with special photophysical properties, and iii) the latest ECL signal acquisition strategy, low overpotential ECL method, signal amplification strategy, high-resolution spatial imaging analysis method, etc. In order to further showcase the latest advances in ECL, we have organized this Special Issue, with the purpose to highlight the latest advances from all those topics. https://www.mdpi.com/journal/molecules/special_issue s/ electrochemiluminescence 2022

Guest Editors

Prof. Dr. Baohua Zhang

Center for Advanced Analytical Science, School of Chemistry and Chemical Engineering, Guangzhou Key Laboratory of Sensing Materials & Devices, Guangzhou University, Guangzhou, China

Prof. Dr. Li Niu

- 1. School of Chemistry and Chemical Engineering, Guangzhou University, Guangzhou 510006, China
- 2. School of Chemical Engineering and Technology, Sun Yat-sen University, Zhuhai 519082, China

Deadline for manuscript submissions

closed (31 December 2023)



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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/121829

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules





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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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