



Call for Papers

The 65th Special Feature in “*Electrochemistry*” Fluorine Chemistry and Materials for Electrochemistry

Fluorine chemistry has been a field closely related to electrochemistry and it is no exaggeration to say that its development was accompanied by electrochemistry. At the beginning of history of fluorine chemistry, attempts were made to isolate fluorine, synthesize fluorine compounds in electrolysis technology, and use it as a flux. Currently, electrochemistry is contributing to the development of fluorine chemistry in various fields such as inorganic, organic, and polymer sciences. In these research fields, advanced fluorine materials have been created using electrochemistry. The achievements are batteries/electrochemical processes using fluorine ions as carriers, ceramics/glass materials containing mixed-anion materials, new fluorine-containing compounds by organic electrolysis, application of fluorine-containing ionic liquids, dielectric devices using organic polymers and membranes, etc. These materials have been used in an extremely large number of fields for decades. More than 100 articles have been published including “Fluorine” as a keyword in “Electrochemistry” in which many readers are interested.

Continuing from the previous special issue “Frontier of Carbon Materials”, the 65th special feature is picking up the topics for “Fluorine Chemistry and Materials.” The Electrochemical Society of Japan are calling for papers not only members but also various academic societies dealing with fluorine outside to plan a special issue that will be the contact point between electrochemistry and fluorine chemistry. This will be the first sponsorship project for this paper, so we would like to expect to use this opportunity to publish your research as open access articles.

This special feature is organized by Editorial Board of Electrochemistry and cooperative organizing of The Society of Fluorine Chemistry, Japan and Ionic Liquid Research Association.

- Keyword
 - Creation of fluorine materials by electrochemical reaction
 - Synthesis of electrochemical materials using fluorine materials
 - Characterization and analysis of properties of fluorine-containing chemicals via electrochemical methods
 - Fluorine-containing mixed-anion materials and their utilization
 - Synthesis and the electrochemical process for fluorine-based polymers and membranes
 - Various fluorides (glass, ceramics, diamond etc.)
 - Fluorochemical materials for medical use
 - Others

- Types of papers

Language: English

The author may choose “Article”, “Communication”, “Notes (including Technological reports*)”, and “Comprehensive papers”.

“Technological report” will be integrated with “Notes” in the near future. Please be advised of forthcoming revisions in the “Regulation of Submission” for Electrochemistry. Nevertheless, you may apply under the current classification.

“Headline” will be invited by the editorial board.

“Review” will require recommendation by the Society or one of Committees for Specific Fields of ECSJ. Please contact the Editorial Committee by e-mail.

- **From Application to Publication**

Please see the website of this journal. <https://journal.electrochem.jp/>

The author(s) may use ORCID registration, Supporting Information, and Abstract Graphics.

Article Processing Charge (APC)

150,000 yen (including consumption tax, for papers within 6 pages). For members of the Society and cooperative organizing societies, a discount of 2/3 of the article publication fee will be applied, and it will be 50,000 yen (including consumption tax). Please see the detail description about APC in

https://www.electrochem.jp/english/electrochemistry/e2_information_for_authors.pdf

Important schedule**Tentative application for submission**

September 15, 2020 (Tue)

Fill-in and send the tentative information at the URL at <https://journal.electrochem.jp/sf65.html>.

Submission deadline

December 1, 2020 (Tue)

After carefully reading “Instructions for Authors”, submit your manuscript electronically from the specified URL (<https://www.editorialmanager.com/electrochemistry/default.aspx>). Please specify that the submission is to “The 65th Special Feature on Fluorine Chemistry, Materials and Electrochemistry.”

Submission deadline for publisher

January 25, 2021 (Mon)

Manuscripts that have been peer-reviewed and confirmed for APC payment before this date will be published in the special feature.

Peer-review and decision

Two reviewers requested by the editorial committee will review the manuscript. Since March 2020, the average days for peer review has been less than 10 days.

Advance online publication

An Advanced online publication version will be available on the journal website approximately 2 weeks after your manuscript is accepted for publication. Please note that proofs will be sent at the same time the Advanced online publication version is posted on the website, so the Advanced online publication version will be Accepted manuscript or Uncorrected Proof.

Publication

Accepted paper will be published in Electrochemistry Vol.89, No.2 issued on March 5, 2021. However, paper acceptance may be delayed depending on the progress of the peer review/revision/proofreading processes, so please submit as soon as possible.

- **Inquiries**

Please contact us by email only.

From paper submission to publication decision

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About procedures after publication decision

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