**Author CHECKLIST for Electrochemistry**

Author’s submitting manuscripts to *Electrochemistry* are advised to follow the instructions given below before submission and during the reviewing process and submit the CHECKLIST when submitting the final proof for editing. It is the responsibility of the authors for carefully checking their manuscript throughout the reviewing, editing process and final manuscript for publication. This includes typos, inconsistency in terminology, expression of units and symbols, format for references, general abbreviations, etc.

1. Physical quantities, units, and symbols should follow the IUPAC recommendations.  
   “IUPAC Quantities, Units and Symbols in Physical Chemistry”, 3rd Ed., IUPAC, RSC Publishing, 2007  
   <https://iupac.org/wp-content/uploads/2019/05/IUPAC-GB3-2012-2ndPrinting-PDFsearchable.pdf>
2. Place a check on the left after you have checked your manuscript and submit the checklist with your manuscript/ proof. It is not necessary to fill in the items that do not correspond to the manuscript/proof.

Name of Checker (on behalf of all authors): (Block)

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| **CHECKLIST** | |
| **Items to check before original / revised manuscript submission or to return proofreading** | |
| ( ) | Title of article, authors’ full names, and the order of authors (These items cannot be changed at all after the paper is accepted. If it is unavoidable to change after acceptance, the manuscript must be re-reviewed, and in case of changes after publication, a revised manuscript of Correction (Corrigenda) must be published.) |
| ( ) | Affiliation name and address of authors including co-authors (Please enter each detail address including the building number and street name accurately) |
| ( ) | Graphical Abstract size (characters can be read even with a size of 400 pixels wide x 320 pixels high) |
| ( ) | Enter keywords (no more than 4) in the body of the paper |
| ( ) | Symbols of physical quantities in italics |
| ( ) | Figure and Table numbered in order of appearance |
| ( ) | When quoting at the beginning of a sentence and in figure caption; Figure X  When quoting in the middle of a sentence; Fig. X |
| ( ) | When quoting multiple figures; Figures X and Y or Figs. X and Y |
| ( ) | Equations and equation number (The formula numbers are written as (1), (2)...) |
| ( ) | Citation numbers in the text are “ .1” (Superscripts. At the end of sentences and phrases, a period or comma precedes the superscript numbers.) |
| ( ) | References numbered in the order in which they are cited (Note: Avoid repeating the same document in the reference list.) |
| ( ) | Reference format  Author1, Author2, and Author3, *journal title*, **volume**, starting page (year). |
| ( ) | Reference should end with a period  Author format for 2 authors: Author1 and Author2 (no comma)  Author format for 3 or more authors: Author1, Author2, and Author3 (comma before ‘and’) |
| ( ) | Real and imaginary axes for Nyquist and Cole-Cole plots should be in the same magnitude. |
| **Only for submitting revised manuscript** | |
| ( ) | Prepare and submit both a manuscript with the corrected parts highlighted (for quick peer review) and a manuscript without highlights (for use at early publication). |
| **Only for checking in your proofs** | |
| ( ) | (in the reference section for articles)  If the citation in the reference section is correct, the journal name, volume, and year will be printed in blue with a direct link. Otherwise, the text will be printed in black with no link and should be revised if necessary. |
| ( ) | (Supporting Information) If the SI needs to be corrected, please send the entire corrected file (whole part). DO NOT specify the corrected part only. (Publisher may replaces the file and does not edit it.) |
| ( ) | The author(s) acknowledge that if, after the revised version is published, additional revisions of which responsibility are assigned to the author(s) are required and are made at the author(s)' request, the author(s) will be charged a fee of 5,000 JPY for all additional revisions. |

(3) Common mistakes

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| **Correct** | **Incorrect** | **Remarks** |
| meter, analyze, behavior,  A, B, C, and D | metre, analyse. behaviour,  A, B, C and D | The standard notation for this journal is American English. |
| 10000 | 10,000 10 000 | For numbers with 4 or more digits, there is no division by 3 digits by "," or space. |
| cm s–1 (or cm/s) | cms–1,  cm·s-1 (not recommended) | Use ‘space’ instead of ‘·’ between units. exception: Ah (for capacity), Wh (for energy) |
|  |  | Subscripts and superscripts that are themselves symbols for physical quantities or for numbers should be in italic type. Other subscripts and superscripts should be printed in Roman type. |
| p*K*a | *pK*a | p should be in Roman, as it is not a physical quantity, but means power. |
| *t* = 25 °C | *t* = 25°C | (Celsius temperature) |
| *θ* = 180° | *θ* = 180 ° | (angle) |
| 20 %, 20 ppm | 20%, 20ppm | Fractions (%, ppm, ppb) are dimensionless units and should be separated from the numbers with a space. (Although some publishers recommend using ‘%’ without a space, *Electrochemistry* will use a space in between following IUPAC recommendations.) |
| 20 wt%, 20 vol%, 20 mol%, 20 at% | 20 wt.%, 20 vol.%, 20 mol.%  20 at.% | Writing characters that indicate the meaning of fractions such as “wt”, “vol”, “mol”, and “at” before “%”, do not add “. (dot)” even if the characters are abbreviated. |
| log (σ/S cm–1) | log σ/S cm–1 | Arguments should be non-dimensional. |
| *j* / mA cm–2 (in figures) | *j* (mA cm–2) | Axis label should be non-dimensional. |
| (*R*ct*C*dl) –1 / Ω–1 μF–1 | 1/*R*ct*C*dl / Ω–1 μF–1 | Refrain from using double slash |
| *n*-hexane, *p*-benzoquinone | n-hexane, p-benzoquinone | Position of isomers and functional groups |
| sp2 | *sp*2 | (orbital) |
| π, σ | *π*, *σ* | (electron) |
| (at the beginning of sentence)  *tert*-Butyl alcohol | (at the beginning of sentence)  *Tert*-butyl alcohol | Symbols for bonding styles should not be capitalized even at the beginning of a sentence. |

\* Although some notations described in the “Incorrect” column above include those that are not incorrect, please cooperate in unifying the format of this journal.

(4) Usage of hyphen and dash

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| **Symbol** | **Usage** |
| - (Hyphen) | Used in an individual’s name |
| – (En Dash) | Used for symbol of subtraction, to express a negative value, to express a range (i.e. 2018–2020, Tokyo–Kansai (tilde ‘~’ should not be used to express range), to indicate two individuals or events (i.e. Poisson–Boltzmann, keto–enol). |
| — (Em Dash) | Used in pairs, can take the place of commas, parentheses, or colons to put focus on the information between the em dash. |

(5) Miscellaneous

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| **Recommended notation** | **Remarks** |
| mol dm–3 (or mol L–1) | Define the abbreviation M for molar, as mol dm–3 or mol L–1 when it first appears in the text. |
| in situ, in vivo, ca., i. e., etc., et al. | Familiar Latin terms, either spelled out or abbreviated, should be in Roman not in italics. |
| *operando, ab initio* | Some non-familiar Latin terms that are used mainly in scientific writing can be italicized. |