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1. Preparation of Manuscripts

1.1 Structure of manuscript

Manuscripts must be prepared, double-spaced on A4 (or letter size) paper with Times and Symbol fonts. Authors should make certain that printout and copies of the manuscript are clearly reproducible in high quality. For electronic submission, the authors should send Original files (e.g. Microsoft Word[®], Microsoft PowerPoint[®], etc.) of the manuscript including tables, figures and/or pictures, and a PDF file with a cover letter placed on the first page, followed by the complete set of the manuscript. The corresponding author's name, operating system, and software with version number should be specified in the document of the e-mail. The number of pages in the printed form should be roughly evaluated by following Eq. 1, and should not exceed three pages for Notes and Communications.

$$\text{Number of Page} = [\text{Number of Word}] / 7 + [(\text{Number of Figures and Table}) \times 15 + 50] / 120 \quad (1)$$

The title of the paper, the names of the authors, and the affiliation(s) where the work was done, including the complete address(es), should be given on the first page. The names of the authors should be written in the order of first name, middle initial(s), and surname, with an asterisk indicating the corresponding author. The abstract (100-200 words for Articles, Technological Reports, Comprehensive Papers, and Reviews; and 50-100 words for Notes and Communications), keywords (maximum of four, with each keyword containing no more than three words), text, references, tables, figure captions, and figures should follow the first page in this order. The text should typically consist of the following sections; Introduction, Experiment, Results, Discussion (or Results and discussion), and Conclusions. Acknowledgments should be placed at the end of the text. References to the literature and all notes should be numbered in one consecutive series by using superscript numbers corresponding to the original references. When a comma, period (full stop), colon, or semicolon follows the word with the reference number, it should be placed between the word and the number. Literature references and notes should be arranged and punctuated as follows. The names of the journals in the literature should be abbreviated as in ISI Journal Title Abbreviations or Chemical Abstracts.

1. K. Ueno and M. Seo, *Denki Kagaku (presently Electrochemistry)*, **66**, 713 (1998).
2. K. Matsumoto, A. Matsuoka, and K. Nakagawa, *Denki Kagaku (presently Electrochemistry)*, **66**, 537 (1998). [in Japanese]
3. S. Abe, A. Fuchigami, and T. Nonaka, *Chem. Lett.*, **1984**, 1033.
4. L. R. Faulkner, *Chem. Eng. News*, **1984**, February 27, p.28.

5. R. W. Murray, *Acc. Chem. Res.*, **13**, 135 (1980) and references cited therein.
6. A. J. Bard and L. R. Faulkner, *Electrochemical Methods, Fundamentals and Applications*, John Wiley and Sons, New York, NY, p.214 (1980).
7. S. Trasatti, *Comprehensive Treatise of Electrochemistry* (Eds. J. O' M. Bockris, B. E. Conway, and Y. Yeager), Vol. 1, Plenum Press, New York, NY, p. 44 (1980).
8. K. Izutsu, *Denkyoku-hanno no Kiso* (Ed. T. Osa), Kyoritsu Shuppan, Tokyo, Chap. 2 (1973). [in Japanese]
9. K. M. Mess, Ph. D. Thesis, University of Leiden, Leiden, The Netherlands (1969).
10. H. F. Lockwood, U. S. Patent, 3759835 (1965); *Chem. Abstr.*, **73**, 46241q (1970).
11. Y. Masuda and I. Uchida, *55th Annual Meeting of the Electrochemical Society of Japan, Abstr.*, p.122 (1988). [in Japanese]
12. *Selected Values of Chemical Thermodynamic Properties, National Bureau of Standards Circular 500*, U. S. Government Printing Office, Washington, D. C. (1950).
13. L. Roe, AEC Report 66-170, Los Altos, CA, February (1964).
14. These compounds were analyzed by gas chromatography (column packing: Apiezon Grease L; temperature: 120°C).
15. J. Robinson, G. E. Thompson, and K. Shimizu, *Oxide Films on Metals and Alloys VII* (Eds. K. R. Hebert and G. E. Thompson), PV 94-25, p.1, The Electrochemical Society Proceedings Series, Pennington, NJ (1994).

1.2 Figures and photographs

Figures and photographs must fit a one- or two-column format (86 mm or 178 mm width, respectively) on the journal page, and hence figures and photographs should be prepared in consideration of the actual size, each on a separate page. Figure captions should be arranged on a separate page. A scale bar should be included in an appropriate position for microscopic photographs. Color is available for figures and photographs at an additional charge for printing. The author may ask the editorial office for an estimate of the extra printing charge. Color figure and photographs will appear in the online version without extra charge.

1.3 Tables

Each table should be prepared on a separate page. As the table may need to be reduced or reprepared to fit a one- or two-column format (86 mm or 178 mm width) on the journal page, its structure and layout should be arranged properly.

2. Miscellaneous

Formatting and styles should follow the fundamental regulations published after [Vol. 80, No.1, issued on January 2012 in J-STAGE online](#).

- 2.1** A subtitle may follow the main title with a period. A sequential number in Roman numerals should follow the main title when a common main title is used in a series of consecutive reports. The use of "Study on" is not recommended as a title.
- 2.2** The first letter of the first name and middle name, and all the letters of the surname are capitalized.
- 2.3** When the work was done in more than two places, labeling using Roman letters in alphabetical order from "a" should be marked as a superscript on the right side of the concerned author's name and on the left side of the place where the work was done. When the present affiliation of the author (s) is different from the place where the work was done, the address should be preceded by the words "Present address:"
- 2.4** The following systematic headline numbers may be used. e.g., 1, 1.1, 1.1.1, and so on.
- 2.5** Mathematical expressions and chemical structures will be treated as symbols in the printing. The usage of chemical structures is not recommended in the text and in the titles of figures and tables.
- 2.6** The nomenclature of the chemicals should follow the IUPAC rules: IUPAC Nomenclature Books Series (<http://old.iupac.org/publications/books/seriestitles/nomenclature.html>)
- 2.7** Terminology, symbols, units, and quantities should follow the IUPAC rules: I. Mills, T. Cvitas, K. Homann, N. Kallay, and K. Kuchitsu, Quantities, Unit and Symbols in Physical Chemistry, Blackwell Publications, Oxford(1988) ; Manual of Symbols and Terminology for Physicochemical Quantities and Units, Pure Appl. Chem., 51, 1 (1979) ; and Appendix III – Electrochemical Nomenclature, Pure Appl. Chem., 37, 499 (1974).
- 2.8** Metric units (SI) should be used for all quantities except for the following units. For the other units, their conversion to the SI units should be described in the text. Minute (min), hour (h), day (day), and angle ($^{\circ}$, ', ") may be used.
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|----------------|--|
| angstrom : | $1 \text{ \AA} = 10^{-10} \text{ m}$ |
| ton : | $1 \text{ t} = 1 \text{ Mg} = 10^3 \text{ kg}$ |
| liter: | $1 \text{ L} = 1 \text{ dm}^3 = 10^{-3} \text{ m}^3$ |
| atmosphere: | $1 \text{ atm} = 101325 \text{ Pa}$ |
| torr: | $1 \text{ Torr} = 133.322 \text{ Pa}$ |
| curie: | $1 \text{ Ci} = 3.7 \times 10^{10} \text{ Bq} = 3.7 \times 10^{10} \text{ s}^{-1}$ |
| kilowatt-hour: | $1 \text{ kWh} = 3.6 \times 10^6 \text{ J}$ |
| poise: | $1 \text{ P} = 10^{-1} \text{ Pa s} = 10^{-1} \text{ kg m}^{-1} \text{ s}^{-1}$ |
| stokes: | $1 \text{ St} = 10^{-4} \text{ m}^2 \text{ s}^{-1}$ |
| electron-volt: | $1 \text{ eV} = 1.60218 \times 10^{-19} \text{ J}$ |
- 2.9** The electrochemical potential, if SCE is used as standard, should be described as $E = -0.24 \text{ V vs. SCE}$.
- 2.10** Mathematical expressions and chemical equations should be numbered in one consecutive series with parenthesized numbers. Fractional expressions in the text should be described as a/b and $(a + b)/(c + d)$. Doubled superscript and subscript should be avoided.

3. Submission of Final Version of Manuscripts

Upon acceptance of the manuscript for publication, authors will be requested to submit original electric files (e.g. Microsoft Word[®], Microsoft PowerPoint[®], etc.) of the final manuscript including tables, figures and/or pictures. The corresponding author's name, manuscript number, operating system, and software with version number should be specified on submission. Authors will receive the proofs, and be requested to correct and return them. No revision, insertion, or deletion of words, except for misprints by the publisher, will be accepted. The reprint order form should be completed and returned with the corrected proofs.