

Preparation of Science Manuscripts for the IEEE Open Journal of Engineering in Medicine and Biology (OJEMB)

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Abstract

ABSTRACT The abstract should not exceed 150 words. It should briefly summarize the content of the paper and address the following points. Objective: Briefly state the problem or issue addressed, in language accessible to a general scientific audience. Results: Provide a brief summary of the results and findings. Conclusions: Give brief concluding remarks on the study outcomes. Please notice that this is the template for SCIENCE MANUSCRIPTS. These are manuscripts with primary focus on reporting scientific results of relevance to the field of biomedical engineering. The material must be organized in a main manuscript body and a section entitled Supplementary Materials. The main manuscript body should be limited to 3,000 words and the material should be organized in the following sections (in the order shown here): Introduction, Results, Discussion, Conclusions, Materials and Methods. Authors can include in the main manuscript body up to 8 display items (i.e., figures and tables). In addition, the main manuscript body should include an abstract and up to 50 references. The references are not considered in the 3,000-word count. The abstract should be organized in subsections as shown here (i.e., Objective, Results, Conclusions). A significance statement should be included. The significance statement should be a short paragraph of no more than 30 words. Additional material should be included in the Supplementary Materials section of the manuscript. The Supplementary Materials section should either be organized in sections as per the main manuscript body (using up to 4,000 words) or it should be used to provide readers with a set of up to 10 additional display items (i.e. figures and tables).

INDEX TERMS Enter up to 5 keywords in alphabetical order, separated by commas.

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$$\int_0^{r_2} F(r, \varphi) dr d\varphi = [\sigma r_2 / (2\mu_0)] \int_0^{+\infty} \exp(-\lambda|z_j - z_i|) \lambda^{-1} J_1(\lambda r_2) J_0(\lambda r_1) d\lambda \quad (1)$$

Be sure that the symbols in your equation have been defined before the equation appears or immediately following. Italicize symbols (T might refer to temperature, but T is the unit tesla). Refer to “(1),” not “Eq. (1)” or “equation (1),” except at the beginning of a sentence: “Equation (1) is” A general IEEE styleguide is available at <http://www.ieee.org/web/publications/authors/transjnl/index.html>

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