

***Optical Materials Express* Review Criteria**

(May 2020)

Optical Materials Express publishes manuscripts in which the optical or photonic properties of materials and devices are related to other materials properties. Manuscript submissions addressing experiment, theory, modeling and simulation are welcomed. Manuscripts must describe work that makes significant advances or novel contributions to the field. Although rapid publication is important to *Optical Materials Express*, it is not a letters journal, and the need for urgent dissemination of results is not a requirement for acceptance.

To meet *Optical Materials Express's* goal of providing timely and newsworthy research, we ask that you complete your review within 14 days, if possible. Please base your review on the following criteria: Appropriateness, quality of technical content, significance, and presentation. Definitions of the criteria are given below. If revisions are required to meet the criteria please specify such revisions in your review report. Manuscripts judged by reviewers as moderate or low in the first three criteria (appropriateness, quality of technical content, and significance) will not be accepted for publication in *Optical Materials Express*. Manuscripts requiring significant revision will be rejected and will require resubmission as a new manuscript.

Appropriateness for *Optical Materials Express*

Does the subject material fall within the scope of the journal? Are the results related to optics or photonics in which optical or photonic properties are correlated with other materials properties? Will the paper be of interest to the optical materials community?

Rating Options: High, Moderate, Low

Quality, Depth, and Completeness of Technical Content

Are the results significant and novel to the field and/or offer interdisciplinary application? Are the conclusions supported by the data presented? Is the work placed in proper context? Are related works adequately referenced? Does the work warrant publication in an archival journal? Note that the need for urgent dissemination of the results is not a requirement for acceptance.

Rating Options: Very high, High, Moderate, Low, Very low

Significance

Reviewers are asked to rate the overall significance of submitted papers--assuming appropriate revisions are made, if requested. Does the manuscript report important new findings? How likely is this paper to make a major impact on the research field covered? Papers with a major impact are expected to be highly cited, but papers can also make an impact by presenting novel results, enabling new applications, solving important problems, providing new theoretical insights, or presenting clear methods, procedures, or reviews that help other researchers perform similar work.

Rating Options: High, Moderate, Low

Quality of Presentation

Is the title accurate and does it clearly identify the subject matter? Is the abstract succinct and comprehensible to a non-specialist? Is the manuscript clearly written and logically organized? Are figures and tables understandable and readable as submitted, including all captions and labels? Is the quality of English language usage and grammar acceptable?

Rating Options: Very high, High, Moderate, Low, Very low

Appropriateness of Supplementary Material

Visualizations (videos, 2D images, 3D images), tabular data, or citations to datasets in external repositories should be integral to understanding the article and support the results reported. Custom code and design files are acceptable to include as additional information, which is helpful to readers. A [Supplemental Document](#) (PDF) may provide expanded descriptions of materials and methods.

- Is the supplementary material openly accessible, understandable, and readable?
- Does the supplementary material contribute to presentation of the results?
- If a Supplemental Document (PDF) is included, is the information useful and worthwhile for the reader?
- Is the manuscript coherent without the supplemental PDF file?

Rating Options: High, Moderate, Low, Not Applicable