

Photonics Research Review Criteria

(26 May 2020)

Photonics Research publishes original peer-reviewed manuscripts and review articles covering a broad range of optics and photonics areas—from fundamental to applied research.

To meet the goal of publishing important research, submitted papers are subject to critical review according to the following criteria: Appropriateness, quality of technical content, significance, and presentation. If revisions are required to meet the criteria please specify such revisions in your review report.

Manuscripts judged by reviewers as moderate in all of the first three criteria (appropriateness, quality of technical content, and significance) or low in one of the first three criteria will generally not be accepted for publication in *Photonics Research*.

Appropriateness for *Photonics Research*

Does the subject material fall within the scope of the journal? Will the paper be of interest to researchers and engineers within the optics and photonics 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?

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? If there is supplementary material, is it clearly presented, does it function as intended and does it contribute to presentation of the research?

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