

## ***Journal of Optical Society of America A (JOSA A) Research Article Review Criteria***

The *Journal of the Optical Society of America A* (JOSA A) is devoted to developments in any field of classical optics, image science, and vision. JOSA A includes original peer-reviewed papers including, but not limited to: atmospheric optics, clinical vision, color, diffraction and gratings, image processing, machine vision, physiological optics, polarization, scattering and coherence theory, signal processing, statistical optics, thin films, and visual optics. JOSA A publishes several special paper types, including discussion papers, mini-reviews, and tutorials.

Submitted research article papers are subjected to critical review according to the criteria listed below.

### **Quality of Scientific/Technical Content**

Does the manuscript report on important new findings related to classical optics, image science, or vision? Is the paper an original and significant contribution to the field? Are the conclusions supported by the data presented, and is the work placed in proper context? Is prior or related work adequately referenced? Note that papers considered to be incremental, incomplete, or lacking in scientific/technical relevance are likely to be rejected. Does the work warrant publication in an archival journal? Is it likely to be cited by others?

***Rating Options: Very high, High, Moderate, Low, Very 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 appropriate for an archival journal? If there is multimedia content, is it clearly presented and does it contribute to presentation of the research?

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

### **Appropriateness for JOSA A**

Does the subject material fall within the scope of the journal? Will the paper be of interest to the optics community?

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

### **Overall Impact**

Reviewers are asked to rate the overall impact of submitted papers assuming appropriate revisions are made. How likely is this paper to make a major impact on the research field covered? Papers can make an impact through novel results, through enabling new applications, by solving important problems, by providing new theoretical insights, or presenting clear methods, procedures, or reviews to help other researchers perform similar work.

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