

## Special Issue

# Learning and Teaching Optics

### Message from the Guest Editor

Over the last 50 years, in the context of science education, a distinct stream of research has been related to the learning and teaching of concepts and phenomena that fall within the general area of optics. In this stream, questions have been posed in a well-structured or fragmented way addressing how students and teachers of all levels represent their thinking and/or modify this after teaching interventions. These questions relate to concepts such as light and its propagation or phenomena, such as shadow formation, refraction, etc. This Special Issue of *Education Sciences* aims to reflect contemporary research trends in the field of “Learning and Teaching Optics”. Potential topics include the following: mental representations of students or teachers of all ages and educational levels; specialized teaching interventions and activities in traditional classrooms, in formal or informal contexts, and through digital environments; teacher training; analysis of textbooks, school programs, and curricula; teaching and history of physics; problem solving. Any other topic within the scope of this Special Issue is also welcome and will be fully considered.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2023)



## Education Sciences

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## About the Journal

### Message from the Editor-in-Chief

From its first issue in 2011, *Education Sciences* (ISSN 2227-7102) has grown as a scholarly international open access journal. Its aim remains to publish extended full-length research papers that have the scope to substantively address current issues in education. As a member of the Committee on Publication Ethics (COPE), our goal has been to disseminate high quality research. Our publisher, MDPI, takes the responsibility to enforce a rigorous double-blind peer-review together with strict ethical policies and standards to ensure to add high quality scientific works to the field of scholarly publication.

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### Editor-in-Chief

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indexed within Scopus, ESCI (Web of Science), Educational Research Abstracts, PsycInfo, and other databases.

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 29.2 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).