Types of articles and publishing process

There are several types of scientific books. Monographs are studies written detailed on a specific subject, PhD is an example. Reference books are larger than monographs, like dictionaries. Textbooks are for teaching students where Edited books contain chapters of different author. Books have commercial publishers.

Journal papers are periodical publication published by scientific societies or commercial publishers. Among scientific journal, Focused journals are highly respected and specialised. General journal has larger audience because it can be understood easily. Magazines contents are practical and does not strictly follow formal writing. Journals can be different types. Original journal can be full papers or letters, where full paper focuses on independent study of a problem and complete original research result. Original paper follows some research method, these are experimental, practical, theoretical and speculative. Besides, Letter is a short article which can be published fast.

Review works with problem definitions or original research problem. Reviews are made on existing knowledge and for that no experiments required. IEEE, IEEE Journal, IEEE Communications letters and IEEE Communications Magazine are example of journal and magazine papers.

Conference comes first before publishing. It has small amount of works and can have many topics, also acceptance is easier. Workshop has a single track and go through on a single topic. Symposium is for a session on the interest for a broad audience and audiences are speakers, panels or experts.