

## A SHORT NOTE ON “ARTICLE TYPES” FOR RESEARCH

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### ABSTRACT

A researcher needs to publish high quality research in their respective subjects. However, a brief introduction on article types helps researcher to get concrete research publications in their respective field. So, this work is intended to give a complete glance on book review, case report, clinical study, commentaries and letters to editors, conference materials, Data notes/ Data article/ Micro article, Letters and Rapid or short reports or short communications, method articles, posters and slides, registered report, research article/ full length article, review article, software tool articles by citing with different examples and communications to journals. The output is shown as journals: materials letters, renewable and sustainable energy reviews, lubrication science, data in brief, which increases the intensity of articles than normalized techniques of approaching journals.

**Keywords-** Article Types, Article communications, Article submissions, publications.

### 1. INTRODUCTION

Articles are the researchers work with a latest literature of past 10 years & times cited [2-8] to have a good impact on the field. Articles deliver a specific research in a field giving a sound knowledge on the respective field. In the final volumes the articles will be read by the readers or scholars. [1] Articles can be proven results, hypothesis, or a scientific theory on a specific topic. These articles will strongly influence the research domain of their field, so we propose a work for the readers to have standard assessment of articles to a particular domain.

### 2. ARTICLE TYPES

A research article is a thesis or a project preferably with technically proven results. For a researcher his or her conceptual data need to be published in a journal before going for a technical presentation. Based on time and depth in studies the data need to be published, when we go for a standard journal the data or project in form of a paper which needs to be submitted in an article type. Types of research articles are book review, case report, clinical study, commentaries and letters to editors, conference materials, Data notes/ Data article/ Micro article, Letters and Rapid or short reports or short communications, method articles, posters and slides, registered report, research article/ full length article, review article, software tool articles.

#### 1. Book review:

Many online platforms are giving aid in writing books for them eg. Notion press it gives genre in various aspects like literature fiction, true stories, outdoor and nature, travel, music and entertainment and many more.

#### 2. Case report:

This especially patient's data, we can also analyse this data from getting data from different repositories.

Braking systems from cars [9-12] can also be case reported, some of the online software's are 'VBOX Automotive-VBOX Test Suite-[13-21] Brake Test Plugin' and the software is 'Products- dSPACE- Brakes Software.

A case report can also be done for wool by collecting online sweater industries repositories data.

A case report is a case study of different temperatures on a disc of a 2 wheeler braking system, where the readings can be optimized for the study to check the exact temperature on the disc rotor for hot spot analysis [22-32].

#### 3. Clinical Study

Clinical study is a report of clinical trial results

#### 4. Commentaries and letters to editors

In depth discussions on a research topic.

#### 5. Conference materials

Materials published in a conference for a scientific record.

## 6. Data Notes/ Data article/ Micro article

Data from repositories.

Only research output, it can be data, software, videos etc as shown in Fig.4.



Fig.1. Letters/ Short Communications



Fig.2. Review Paper

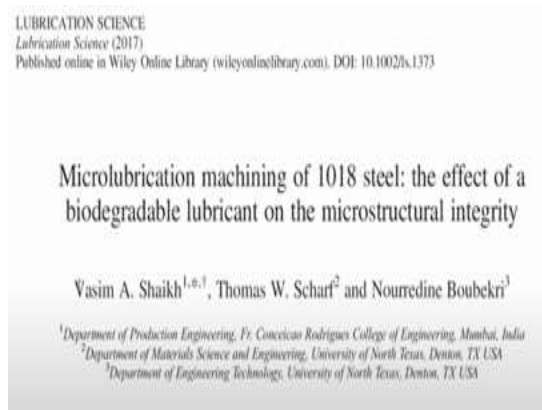


Fig.3. Full Length article

## 7. Letters & Rapid or short reports or short communications [53]

Editors publishing platform on a curative research topic. Fig.1 shows letters of communication open access journals where a author can publish the data. It Looks like a full length article but researcher wants to tell they are the first one to publish with small references and less pages.

## 8. Method article

Research procedures with new study methods

## 9. Posters and slides

These are usually published in a conference, where a full length article [52] is kept in poster form.



Fig.4: Data Article/ Micro article

## 10. Registered reports

In a registered reports one is study of data before interpretation and the other is study on results and interpretations.

## 11. Research article / Full Length article

Studies related to new work also called original work, this article includes complete segments of paper viz abstract, introduction, methodology, results, discussion, conclusion and future scope. A thorough investigation with novelty and experimental results are required as shown in Fig.3.

Complete data introduction, methodology, experimentation, Software analysis [33-43], results and conclusions. Maximum 12 to 15 pages.

#### 12. Review article

This analyzing of existing literature as shown in Fig.2, going through several papers to find the gaps among them and construct a new doctoral problem from many articles, usually after publication of review article it gets many citations. Some of the types of review articles are:

Literature review: presenting the current knowledge.

Systematic review: Use explicit, systematic methods to produce reliable findings via decision making process.

Meta analysis: Obtains results through critical trials.

#### 13. Software Tool articles

This suggests the development of new software tool and the details of code developed and involved in it. Should give the complete details of programming and must be written in open access programming languages. Top 10 programming languages of now 2023 are: [44-51] Python, JavaScript, Golang (GO), Java C#, R, C++, Shift, Kotlin, Ruby. Many online compilers helps us to run different programs.

### 3. DISCUSSION

The article types will influence the decision making of researcher effectively on a research field. The researchers will get rapid awareness on a particular topic where he is approaching. And helps to publish articles faster for a reader in worldwide hub. The complete scenario on article types will make a researcher complete and on go in research in his life time.

### 4. CONCLUSIONS

From the article types it is evident & clear that it makes huge impact on all the research fields globally. So this analysis have found that article for scientific progress will pave the way for future advancements in research on all domains of research.

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