



From ISI to Clarivate Analytics — Journey of Half-a-Century

Computation of Clarivate Analytics Impact Factor

A = total cites in 2025

**B = 2025 cites to papers published in 2023-24
(this is a subset of A)**

C = number of papers published in 2023-24

D = B/C = 2025 impact factor

*Journals with Top 2025
Clarivate Analytics Impact Factors*

CA-A Cancer Journal for Clinicians: 232.4

The Lancet: 88.5

New England Journal of Medicine: 78.5

h-index

The h-index is a metric that measures the productivity and citation impact of a scientist's publications, defining it as the maximum number 'h' such that an author has published 'h' papers that have each been cited at least 'h' times. For example, an author with an h-index of 15 has published at least 15 papers, which have received at least 15 citations, each.

i10-index

The i10-index is a simple Google Scholar metric that counts the number of a researcher's publications that have received at least 10 citations. For example, if a researcher has 30 papers with 10 or more citations, the i10-index would be 30.

Predator Journals

Fraud referring process

Questionable editorial board

Predator Indexing Agencies

Using initials of genuine indexing agencies (but the initials mean something else in their name)

Plagiarism

Using other's text, data or ideas without proper credit. Respected journals use software to check such practices. Such a software determines similarity of phrases in text to spot plagiarism. There is an upper limit, which is allowed in the similarity index.

Why Authors Fail to Publish in Prestigious Journals I

The first reason is lack of training in the strategy of experimenting ('good' experiments; 'bad' experiments — many are 'poor' experiments, which can result in wrong decisions or 'inefficient' experiments, which end up in excessive cost or time delay in reaching a decision)

Why Authors Fail to Publish in Prestigious Journals II

The ‘Great Scientific Experiments’ served to elaborate the formal aspects of method (decide between rival hypotheses, find the form of a law inductively, explore the characteristics of a naturally occurring process, use models to simulate process, exploit an accident, interpret null results), develop the content of a theory (find hidden mechanism of a known effect, provide existence evidence, decompose a simple phenomenon), establish techniques (accuracy and care in manipulation, power and versatility of an apparatus)

Why Authors Fail to Publish in Prestigious Journals III

The second reason is 'incorrect decisions' based on inefficient data.

The third reason is 'bad engineering decisions' by setting vague objectives for projects.

Why Authors Fail to Publish in Prestigious Journals IV

The fourth reason is ‘inappropriate statistics courses’ taught in the colleges and the universities. The schedules or the surveys conducted do not check consistency through principal-component analysis of the questions asked from the participants, who are, sometimes, not selected based on statistical rules.

Why Authors Fail to Publish in Prestigious Journals V

The questions should have a mixture of positive and negative statements (not clustered together, but distributed randomly throughout the questionnaire) and the distribution of responses for these positive and negative questions, based on 5-point-Likert scale, must be mirror of each other. Calculate sample size based on confidence level selected, identify all variables of interest and study their interactions.

Tips for Publishing in Prestigious Journals I

Follow the journal style, word limits in ‘title’, ‘running title’ (should be a subset of full title), ‘abstract’ (structured or unstructured), ‘keywords’ (not duplicating words from title), ‘body of text’ as well as number limit of ‘references’. All references appearing in the end must be cited in the text and vice versa; 50% or more from the last 5 *years*; 50% or less from the authors’ own research group. Only references relevant to the title must be included, with DOI/full-text link provided for each. References to conference presentations, essays and theses should be avoided as much as possible.

Tips for Publishing in Prestigious Journals II

If required, prepare ‘key notes’ (or ‘key ideas’), each in bulleted form and ‘in brief’ (usually 50-word summary for media reporting). It is better to arrange alphabetically, ‘key-words’, ‘list of symbols used’, ‘abbreviations’, ‘units’ and ‘conversion factors’ as well as give ORCID number of each author.

I’ll now share how I make papers of our group more readable for the prospective audience.....

Web address of this document: https://www.ngds-ku.org/Presentations/Required_Publication/Presentation_Points.pdf