



الجمهورية الجزائرية الديمقراطية الشعبية  
وزارة التعليم العالي والبحث العلمي  
جامعة محمد خيضر بسكرة  
نيابة مديرية الجامعة للتكوين العالي في الطور  
الثالث والتأهيل الجامعي والبحث العلمي وكذا  
التعليم العالي فيما بعد التدرج



تنظم يوم تكويني حول :  
**منهجية البحث العلمي**  
**(أدوات وتقنيات النشر العلمي)**

الأربعاء 06 مارس 2024

. البحث البيبليوغرافي

. أدوات وتقنيات البحث  
العلمي

. كيفية اعداد أطروحة

. كيفية نشر مقال علمي

. اجراءات طلب خدمات أرضية ابتكار  
و كيفية ايداع الأطروحة عبر  
بروقرس

. طرق اختيار المجلات العلمية  
المفهرسة وذات المستوى  
العالي

محاضرات وورشات لفائدة طلبة الدكتوراه وباحثي جامعة بسكرة

**الورشة: أفضل المجلات العلمية المحكمة لنشر الأبحاث**

**The best peer-reviewed scientific journals for  
publishing research**

**طلبة الدكتوراه لميدان علوم المادة**

**الأستاذ بن رماش سعيد**

# RESEARCH METHODS

## Getting your work published

- ❖ The journal publishing process
- ❖ Writing a paper
- ❖ The best peer-reviewed scientific journals
- ❖ Refereeing and dealing with referees' reports
- ❖ Ten rules for success

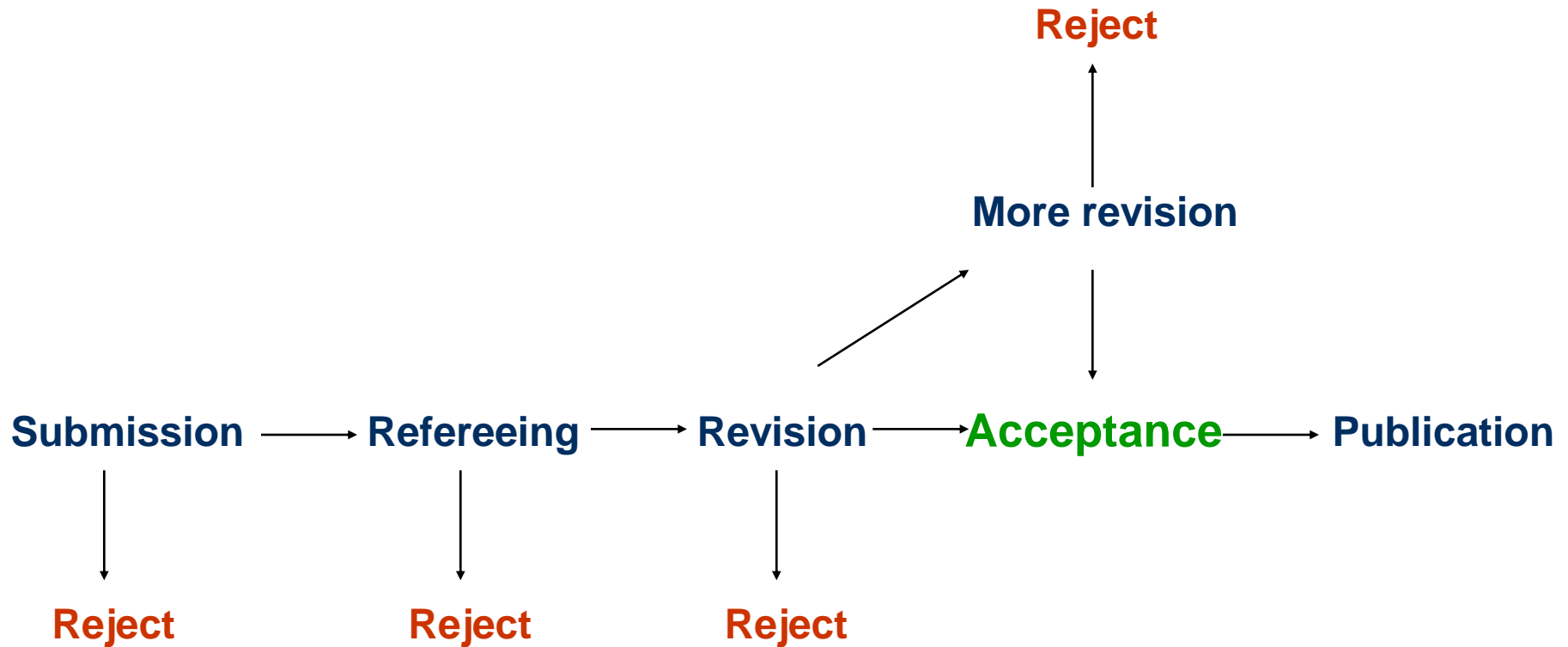
# Introduction

**Criteria for Selecting Journal** There is no straight formula to determine the best journal to publish your manuscript. However, analyzing various parameters may help you to decide the journal that best suits you for publishing.

# Why publish?

- To add knowledge to your field
- To advance your career
- To see your name in print!

# Journal publishing process



# What editors look for in a manuscript

- Quality
  - good science: well planned, well executed study
  - good presentation
- Significance and originality
- Consistent with scope of journal
- Demonstrated broad interest to readership
- Will it cite?
- Well written 'story'
- Author enthusiasm

# Manuscript preparation

The manuscript preparation should be writing with Guide for authors

- **Title.**
- **Author names and affiliations.**  
**Any change in the authors' names after proof of the manuscript is not acceptable.**
- **Corresponding author.**
- **ABSTRACT**
- **INTRODUCTION**
- **EXPERIMENTAL**
- **RESULTS AND DISCUSSION**
- **CONCLUSIONS**
- **References**



## **Conflicts of interest**

The authors declare no conflict of interest.

## **Acknowledgements**

The authors would like .....for the support and help.

## **Funding**

The authors did not receive support from any organization for the submitted work. No funding was received to assist with the preparation of this manuscript. No funding was received for conducting this study.

## **Data Availability Statement**

The data presented in this study are available on request from the corresponding author

## **Competing Interests**

This study is interested to .....

## **Author Contribution Statement**

All authors contributed to the study conception and design.....

# Deciding where to publish

- Conference proceedings, book chapters and journals
  - ✓ In **Scopus 45,806** journals + books and conference proceedings
  - ✓ In **Web of Science 22,171** journals + books and conference proceedings



Scopus



## ➤ Web of Science Core Collection:

- ✓ Science Citation Index Expanded
- ✓ Emerging Sources Citation Index

# What are impact factors?

The impact factor (IF) was calculated by Clarivate (Web of Science).

For example, *Nature* had an impact factor of 41.577 in 2017

$$\text{IF}_{2017} = \frac{\text{Citations}_{2017}}{\text{Publications}_{2016} + \text{Publications}_{2015}} = \frac{74090}{880 + 902} = 41.577.$$

# La Direction Générale de la Recherche Scientifique et du Développement Technologique (DGRSDT).



Liste des revues scientifiques de catégorie A

Liste des revues scientifiques de catégorie B

Revue Scientifiques Nationales

Prédatrices et éditeurs prédateurs

**Il est à signaler que lesdites listes rentrent en vigueur pour les articles soumis après le 31 Janvier 2023.**

# ✓ De Gruyter publishes



De Gruyter publishes books and journals in 29 subject areas.

## Subject

<b>Physics ✓</b>	41
Materials Sciences	18
Engineering	17
Chemistry	7
Mathematics	7
Life Sciences	6
Industrial Chemistry	4
Medicine	3
Architecture and Desi...	1
Business and Econom...	1

## Publisher

De Gruyter	41
------------	----

## Language

English	41
---------	----

## Subject

<b>Chemistry ✓</b>	35
Materials Sciences	17
Industrial Chemistry	13
Physics	7
Life Sciences	6
Engineering	5
Mathematics	1
Social Sciences	1

## Publisher

De Gruyter	34
De Gruyter Oldenbourg	1

## Language

English	34
German	1

<https://www.degruyter.com/>

✓ Sciendo publishes



Sciendo is a leading provider of publishing solutions for academic journals, books and conference proceedings.

**Chemistry-Didactics-Ecology-Metrology in Scopus** Rejection Rate 15%

**Materials Science-Poland**

**Web of Science - Science Citation Index Expanded = JCR  
SCOPUS**

**KOM – Corrosion and Material Protection  
Journal in Scopus**

Rejection Rate 10%

**Annals of West University of Timisoara - Physics** Rejection Rate 30%

<https://sciendo.com/>

✓ Springer journals



*Russian Physics Journal*

Impact factor **0.6 (2022)**

**Web of Science - Science Citation Index Expanded = JCR  
SCOPUS**

The average period from submission to first decision is **20** days.

**Pleiades Publishing**



<https://link.springer.com/>

# Canadian Science Publishing



## Canadian Journal of Chemistry

**1.1** Journal impact factor

**1.0** Impact factor (5-year)

**43.4%** Acceptance rate

**30.7** Average days to first decision

## Canadian Journal of Physics

**1.2** Impact Factor

**1.1** Impact factor (5-year)

**25.5%** Acceptance rate

**45.6** Average days to first decision



## ✓ EDP Sciences



EDP Sciences is an international academic publisher which was founded by learned societies in 1920.

### **Matériaux & Techniques**

**Web of Science - Emerging Sources Citation Index  
SCOPUS**

### **The European Physical Journal Applied Physics (EPJ AP)**

**Web of Science - Science Citation Index Expanded = JCR  
SCOPUS**

# IOP Publishing

**IOP**science

Journal of Semiconductors

Chinese Physics Letters

Chinese Physics B

Chinese Physics C

Materials Research Express

**28 days**

**Median time to first decision**

<https://iopscience.iop.org/>

# IOS Press journal



**Main Group Chemistry**

**Impact Factor 2023: 1.5**

**International Journal of Applied Electromagnetics and Mechanics**

**Impact Factor 2023: 0.6**

Link

<https://content.iospress.com/>

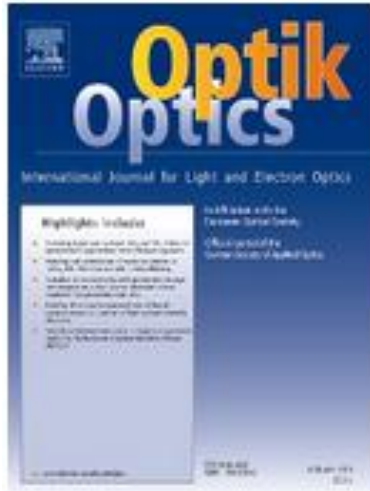
✓ **Taylor & Francis journals**



The quality, peer-reviewed journal articles published under the Taylor & Francis,

<https://www.tandfonline.com/>

# ✓ Elsevier journals



Optik

ISSN 0030-4026

Impact factor 3.1



Thin Solid Films

ISSN 0040-6090

Impact factor 2.1



Micro and Nanostructures

ISSN 2773-0123

<https://www.elsevier.com/products/journals?query=&page=1&sortBy=relevance>

Wiley journals

WILEY

1,600+ Journals

250+ Reference Works

22,000+ Online Books

Link

<https://onlinelibrary.wiley.com/>

**ACS Publications**



**ACS Publications**  
Most Trusted. Most Cited. Most Read.

ACS Publications' commitment to publishing high-quality content continues to attract impactful research that addresses the world's most important challenges.

<https://pubs.acs.org/>

## Sage Journals



Sage is a global academic publisher of books, journals, and library resources with a growing range of technologies to enable discovery, access, and engagement. Believing that research and education are critical in shaping society, 24-year-old Sara Miller McCune founded Sage in 1965. Today, we are controlled by a group of trustees charged with maintaining our independence and mission indefinitely.

Link

<https://journals.sagepub.com/>



AIP Publishing is a wholly owned not-for-profit subsidiary of the American Institute of Physics (AIP). Our portfolio comprises highly regarded, peer-reviewed journals, including a growing portfolio of Open Access titles, that cover all areas of the physical sciences.

Link

<https://pubs.aip.org/aip>

# The Royal Society of Chemistry publishes



The Royal Society of Chemistry publishes 56 peer-reviewed journals, around 2,000 book titles and a collection of online databases and literature updating services.



**RSC Advances**  
2024, Issue 11,  
[Issue in Progress](#)

**Impact factor: 3.9**

<https://www.rsc.org/>

# MDPI Journal List

## 436 journals

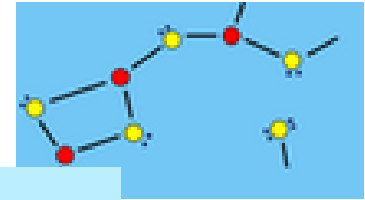
MDPI currently publishes 427 peer-reviewed journals, and 9 conference journals which are dedicated to publishing outputs from academic conferences.

**Open Access and Article Processing Charge (APC)**

Link

<https://www.mdpi.com/about/journals>

# Forum of chalcogeniders



Digest Journal of Nanomaterials and Biostructures

Chalcogenide Letters

Journal of Ovonic Research

Journal of Optoelectronic and Biomedical Materials

~~Journal of Non - Oxide Glasses~~ - ceased publication -

**Web of Science - Science Citation Index Expanded = JCR  
SCOPUS**

**Open Access and Article Processing Charge (APC)**

**The article publication charge is 180 EURO for each article.**

Link

<https://chalcogen.ro/>

✓ Cambridge University Press



Cambridge University Press, we currently publish more than 420 peer-reviewed academic journals covering subjects across the humanities, social sciences and science, technology and medicine.

<https://www.cambridge.org/core/publications>

# ✓ Emerald Publishing



## Journals

Over 300 active journal titles with open access options to choose from, we can help you find the right home for your paper.



## Books

With over 250 titles published each year, why not add your book to our growing book portfolio? Follow our guide to writing or editing a book or book series and find the right resources to support you.



## Teaching case studies

Share your experiences and insights through a case study and equip students with real-life, practical skills. Follow our guide to publishing your case study and teaching note and find resources to support you.

<https://www.emerald.com/insight/>

✓ Scopus journals

Journal of Chemical Technology and Metallurgy

**6 months**

ISSN 1314-7978 (on line)

Iranian Journal of Physics Research (IJPR)

**4 months**

EISSN: 3664-2345

Nanosistemi, Nanomateriali, Nanotehnologii

**7 months**

E-ISSN: 2617-3794 (web)

Journal of Microelectronics and Electronic Packaging

**6 months**

ISSN: 1551-4897

International Journal of Integrated Engineering (IJIE)

**4 months**

e-ISSN : 2600-7916

# ✓ Scopus journals

## Defect and Diffusion Forum

**5 months**

ISSN web 1662-9507

## Applied Physics (Prikladnaya Fizika)

**3 months**

<https://applphys.orion-ir.ru/index-e.htm>

### **APPLIED PHYSICS (PRIKLADNAYA FIZIKA)**

*The scientific and technical journal*  
Founded in 1994

Russian





✓ Web of Science journals

Sādhanā

Published by the Indian Academy of Sciences

ISSN 0973-7677 Impact factor 1.6 (2022)

**12 months**

Materials Research

SSN online version: 1980-5373

**7 months**

Journal of Nanostructure in Chemistry

Impact factor 10.1 (2022)

ISSN 2193-8865

**12 months**

International Journal of Nanoscience

2022 Impact Factor: 0.8

ISSN (online): 1793-5350

**4 months**

✓ Web of Science journals

Physics of the Solid State

ISSN 1090-6460    Impact factor **0.6 (2022)**

**6 months**

Physics of Metals and Metallography

ISSN1555-6190                      Impact factor **1.2(2022)**

**10 months**

# Before you submit

- Internal review
- Read the Notice to Authors
- Write a covering letter to the editor
- Submit with the consent of all authors and to only one journal

# After you submit: the refereeing process

- Referees are crucial to quality control – they play a vital role in the scientific process
- Selection criteria
  - Knowledge of the field, expertise, reputation
  - Specific recommendations
  - Editor's experience of referee's style
  - Reliability
- Referee selection: two or three referees
  - Referees hand-picked for each paper
  - Use cited references, keyword searches, related papers
  - ISI Web of Science, web (Google Scholar), journal/publisher databases
  - Editorial Board member recommendations

# Understanding reviews: what makes a good review

- Good reviews provide the editor with the information on which a decision can be based
- The best are *insightful, articulate* and *constructive*
- They tell the editor:
  - What is interesting about the paper
  - How the results are significant
  - What contribution the paper makes to the field
  - What can be done to improve the paper
  - If the paper is not publishable and why

# Referees' reports: what the author sees (and what the editor sees)

## What does the author see?

Reviewer Number 1

Title XXX

Authors YYY

**Quality of the Science**

Mostly competent, suffering from serious flaws

**Importance of the Science**

Important research on topic of broad significance; novel aspects

**Quality of Science Rating** 3

**Importance of Science Rating** 3

**Overall Assessment**

Reject in present form, but encourage submission of new manuscript

**Reduction in Length**

Yes

## What does the editor see?

Reviewer Number 2

Title XXX

Authors YYY

**Quality of the Science**

Experimentally and/or theoretically excellent, reliable data, no flaws

**Importance of the Science**

Important research on topic of broad significance; novel aspects

**Quality of Science Rating** 4

**Importance of Science Rating** 4

**Overall Assessment**

Accept after minor revision; no further referee assessment

**Reduction in Length**

No

# Responding to referees' reports

- Read the editor's letter
- Read the reviewers comments
- Revise your paper
- Prepare response document

# Good response to referees' reports are ....

- Well organised
  - Address common themes at start
  - Use a 'quote and response' OR numbering system of points raised by each referee
- Informative
- Provide full explanations
- Do not overlook or ignore any points
- Assertive (and polite)



# A good example

## Response to reviewers' comments

We wish to express our appreciation to the Reviewers for their insightful comments, which have helped us significantly to improve our manuscript. According to the suggestions, we have thoroughly revised our manuscript and its final version is enclosed. Point-by-point responses to the comments are listed below.

## Reviewer #1:

1. The authors should clarify which concentration of NaCl solution they used: 3.5% or 4%.

### **Response:**

•**The concentration of NaCl solution is 3.5%.**

2. What does MEB mean? Because in the work are presented the SEM images.

### **Response:**

•**In this work we have presented the SEM images .....**

## Reviewer #2:

1. correct the OX axis from figure 5 with: “log I (mA/cm<sup>2</sup>)”.

### **Response:**

- **The Figure 5 was corrected**

2. Write in the paper what they mean:  $R_s$ ,  $R_{ct}$ ,  $Q_{dl}$ ,  $i_{cor}$ ,  $i_{pass}$ ,  $E_{corr}$ ,  $E_p$ .

### **Response:**

- **All symbols were defined in the text.**

# Ten rules for getting published (1)

1. Read many papers, and learn from both the good and the bad ones.
2. The more objective you can be about your work, the better the work will ultimately become.
3. Good editors and reviewers will be objective about your work.
4. If you do not write well in the English language, take lessons early; it will be invaluable later.
5. Learn to live with rejection.

# Ten rules for getting published (2)

6. Understand what makes good science and what makes good science writing: be objective about them.
7. Start writing the paper the day you have the idea of what questions to pursue
8. Become a reviewer early in your career.
9. Decide early on where to try to publish your paper.
10. Quality (not quantity) is everything.

شكرا على الحضور  
تمنياتي التوفيق للجميع