

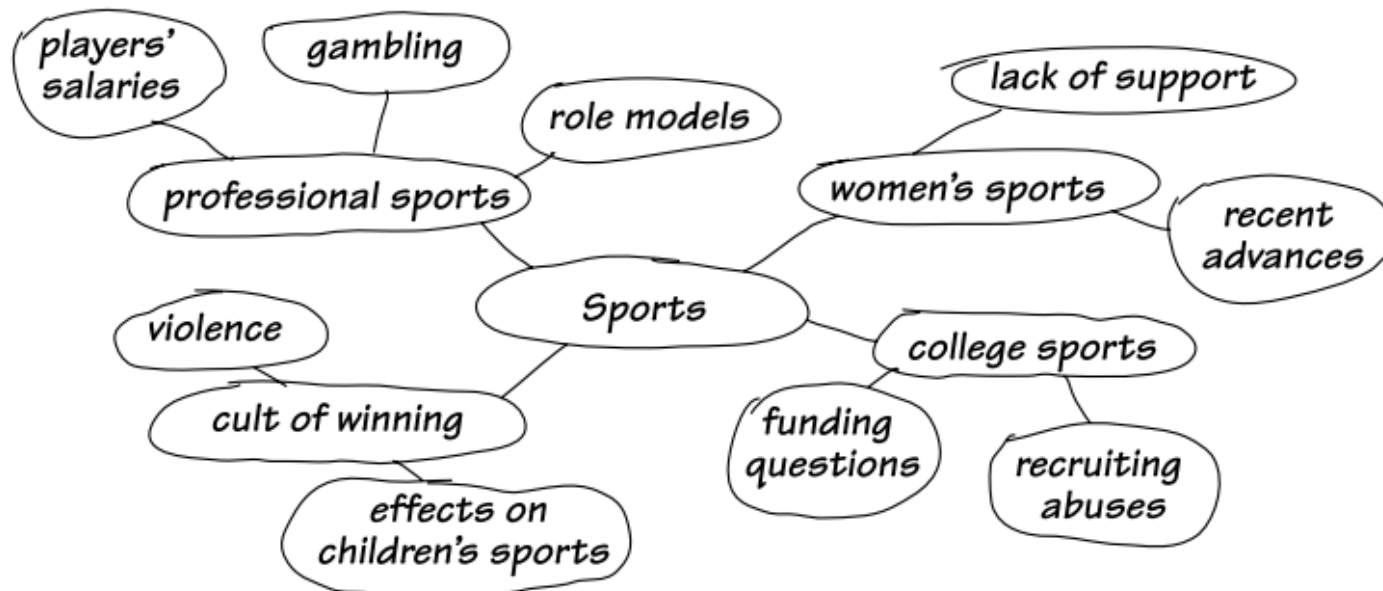


Scientific Writing - No. 02-1



How to prepare a manuscript

-- For the Journal Authors



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Getting Started
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Drafting, Revising, Editing and Proofreading
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Getting Started

- Understanding the research & outputs
- Keeping detailed records while work is in progress
- Organising results
- Assessing your work & decide when to write
- Deciding what kind of paper for publication
*A paper you submit to a journal must be **based** on your own original work.*
- Make a list of possible titles

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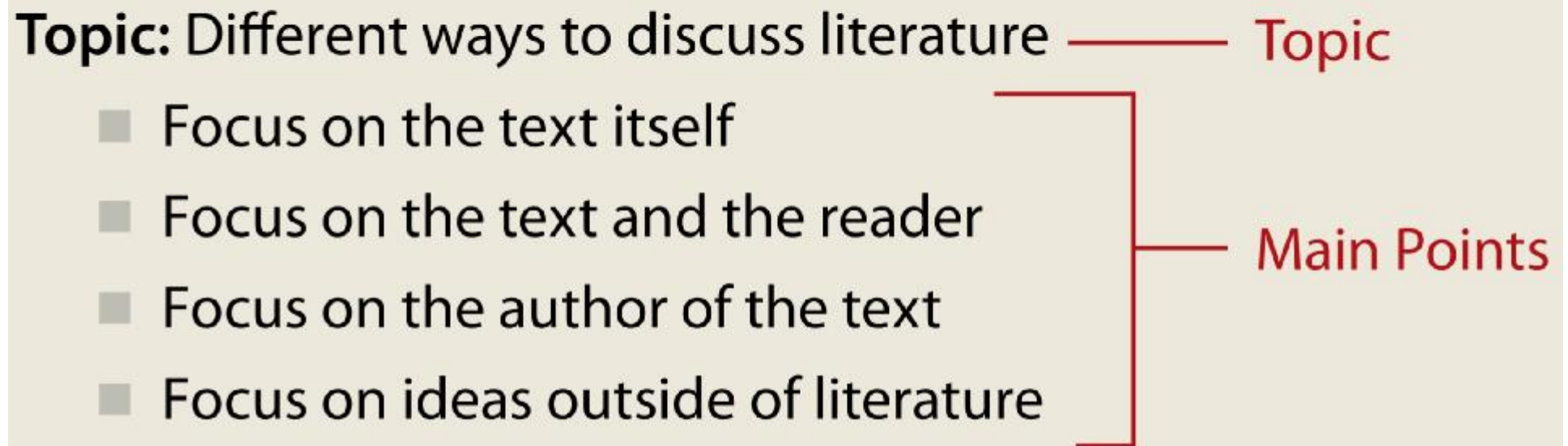




Planning

Developing a Plan or an Outline: **Depth** and **Novelty**

Sample Basic List



Sample Topic Outline

Thesis: There are four main perspectives, or approaches, that readers can use to converse about literature. ——— Thesis

- I. Text-centered approaches ——— Main Point
 - a. Also called formalist criticism
 - b. Emphasis on structure of text and rules of genre
 - c. Importance placed on key literary elementsSupporting Details
- II. Audience-centered approaches
 - a. Also called rhetorical or reader-response criticism
 - b. Emphasis on interaction between reader and text
- III. Author-centered approaches
 - a. Emphasis on writer's life
 - b. Importance placed on historical perspective
 - c. Connections made between texts
- IV. Ideological approaches
 - a. Psychological analysis of text
 - b. Myth or archetype criticism
 - c. Moral criticism
 - d. Sociological analysis



Planning

- Use the Skeletal Outlines
- Pile in Ideas
- Collect Information from Outside Resources
- Form Rough Sentences
- Arrange the Sentences into Themes
- Make Your Themed Lists into Rough Paragraphs
- Take a Break and Clear Your Mind
- Put Together One Paragraph for Each Topic
- Shape a Working Draft
- Smooth Transitions
- Polishing
- Ready for Submission



Planning

Title

Keywords

Abstract

[Elsevier - A Case](#)

Introduction

Assessment Criteria

Critical Aspects of Classifications

Generation of the Foot Pressure Expression

Empirical Results and Discussions

Conclusions & Future Works

Acknowledgements

References





Planning

- Title: The Face of Your Paper
- Abstract: The Heart of Your Paper
- Headings/Subheadings: The Skeleton of Your Paper
- Introduction: The Hands of Your Paper
- Introduction Part II: Popular Traps
- Visuals: The Voice of Your Paper
- Conclusion: The Smile of Your Paper



The Title Page

- The choice of title
 - > *The best titles are **short, declarative** sentences that describe the **major conclusion** suggested by the results.*
 - > *Your title is the only way that you have to **catch the eye** of prospective readers.*
 - > *check your target journal's **guide for authors** to see whether you need to add a footnote to your title and other things.*



Qualities of a title

- A title is **UNIQUE**. It differentiates your title from all others (present or future).
- A title is **LASTING**. Try not to use new in it. A title may outlive you. Ask Darwin!
- A title is **CONCISE**. Some keywords are overly detailed. Remove the details if your title is unique without them.
- A title is **CLEAR**. Avoid long modified nouns (a major source of imprecision and misunderstanding).



Qualities of a title

- A title is **EASY TO FIND**. Its keywords are carefully chosen.
- A title is **HONEST** and **REPRESENTATIVE** of the contribution and the paper. It sets the expectations and answers them.
- A title is as **CATCHY** as can be. Remember, you only have one chance and 2 seconds to interest the reader.



The Title Page

- The running title
 - > *At the top of each page of most published papers there is a **brief** “running title” (or “**header**”) that characterises the research described on that page.*
- The authors' names and relevant footnotes
 - > *The quickest way of insuring that you are using the appropriate format for the names of the authors of your manuscript is to refer to papers that have **already been published** in your target journal.*



The Abstract or Summary

- The **abstract** provides a brief account of the **important points** in your paper and it **allows** the reader to judge whether it is worth her time to read the entire text.
- Coherence between abstract and title
- The tense of verbs in an abstract - An abstract is about what you do NOW! Consequently, use **ONLY** the **PRESENT TENSE** when writing the abstract
- The structure of abstract, see [FAQ5](#)



The Four Parts of an Abstract

- Part 1: What is the problem? What is the topic of this paper?
- Part 2: How is the problem solved (methodology)?
- Part 3: What are the specific results? How well is the problem solved?
- Part 4: So what? How useful is this to science or to the reader?



Purpose of the abstract for the reader

1. It makes the title clear.
2. It provides details on the writer's scientific contribution.
3. It helps the reader decide whether the article is worth reading or not.
4. It helps the reader rapidly gather competitive intelligence.
5. It helps the reader assess the level of difficulty of the article.



Purpose of the abstract for the writer

1. It allows the paper to **be found more easily**, because it has **more keywords** than the title.
2. It states the **writer's contribution** in more precise detail than the title (adjectives in the title are frequent, but they should be rare in the abstract).



Qualities of an abstract

- An abstract is **COMPLETE**. It has four parts (what, how, results, impact).
- An abstract is **TIED TO TITLE**. All title words are found in the abstract.
- An abstract is **CONCISE**. It is not longer than necessary, as a courtesy to the reader. Justification of research is best done through significant results.



Qualities of an abstract

- An abstract is **STAND-ALONE**. It lives by itself in its own world: databases of abstracts, journal abstracts. It needs nothing.
- An abstract is **REPRESENTATIVE** of the contribution of the paper. It sets expectations for the reader.
- An abstract is **PRESENT**. Real. News.

Case - 01: Industrial Case Studies-A



Key words

- Your choice of key words should reflect the most important aspects of your paper.
- *refer to papers that have **already been published** in your target journal.*



Tables

- Check the [instructions of the journal](#)
- Organise your data, helps to show your ideas

Table 2

Parameters for the VP μ GA calculation.

Max generations	100000
Number of experiments	100
Crossover probability	0.8
Max internal generation	4
Initial internal population	4
Initial external population	100
Selection operator	Tournament
Crossover operator	Single point
Mutation operator	No
Encoding method	Binary
Reproduction rate	$[-1, 1]$



Figures

- Check the [instructions of the journal](#)
- Show your ideas clearly

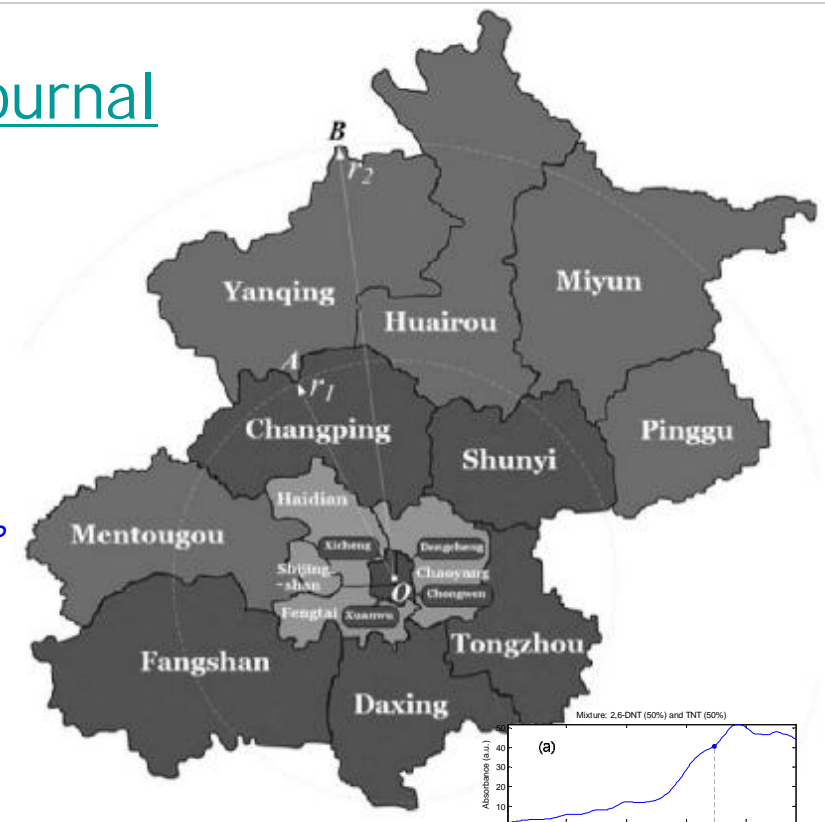
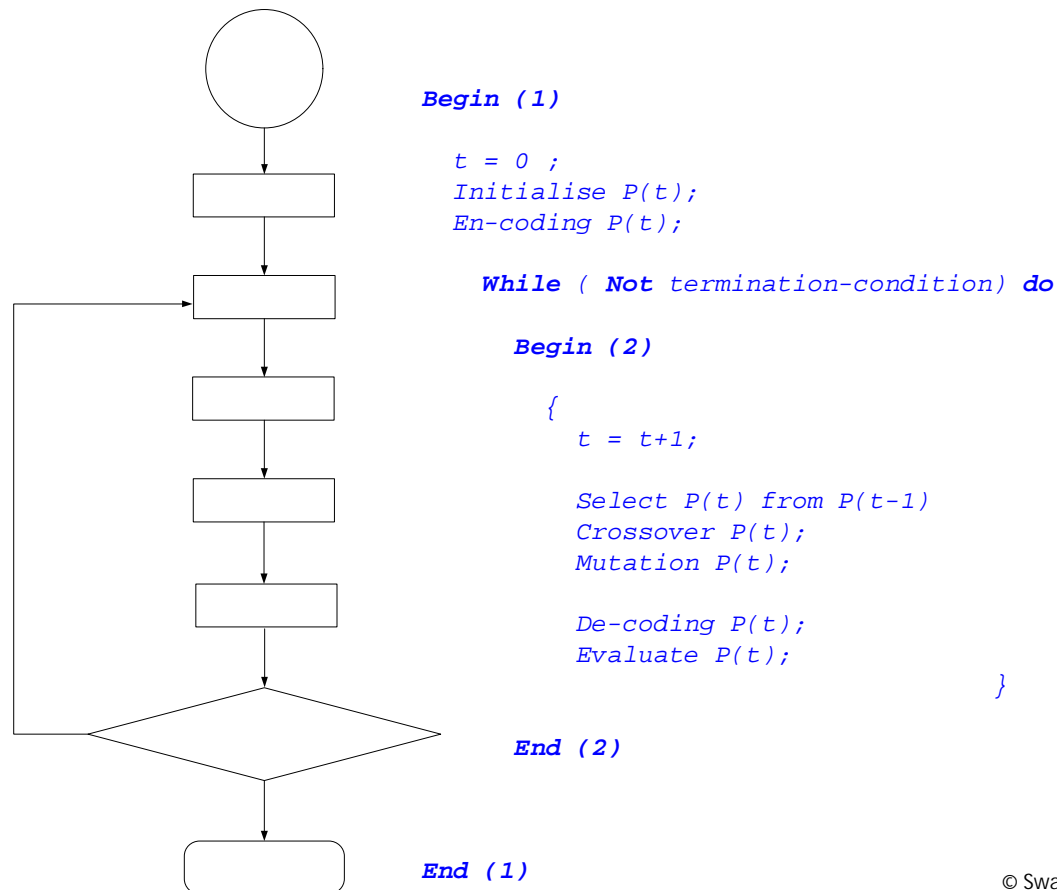


Fig. 3. The functional distance of Beijing.



Discussion

- Reviewers rarely complain that the Discussion section of a paper is **too brief**.
- If your Discussion is longer than your Introduction or your Results, it is probably **too long**.
- The purpose of your Discussion is to provide a **summary** of each of your **results** and to **show** the **reader** how these results led you to the conclusion that corresponds to the title of your paper.



Conclusions

- The tense used in the abstract is the present tense. In contrast, the conclusion uses the **past tense**. Everything is done.
- To energise the reader
- To keeps the reader in a positive state of mind
- It allows readers to understand the contribution better



Future Works

- To lead the reader to a new expectation
- To a few possible further points

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Drafting, Revising

Angela's
comments

I need to
give my
opening
more
energy.

Does my
thesis still
fit the
paper?—
Yes.

Using time
sequence,
put this
paragraph
in better
order.

Move this
paragraph
—it
interrupts
the
discussion
of causes.



Water Woes

an unusually Saturday afternoon ☉

It's ~~a hot day~~. Several people just finished mowing their lawns. A group of bicyclists ~~more than 3,000 have been~~ ^{pedal up the street ☉} ~~passing through your picturesque town all afternoon.~~ Dozens of Little Leaguers are batting, running, and sweating. What do all these people have in common? They all drink lots of tap water, especially on hot summer days. They also take for granted that the water is clean and safe. But in reality, the water they drink could be contaminated and pose a serious health risk. That's just what happened in Walkerton, Ontario, where a water pollution incident had a devastating effect that every town can learn from.

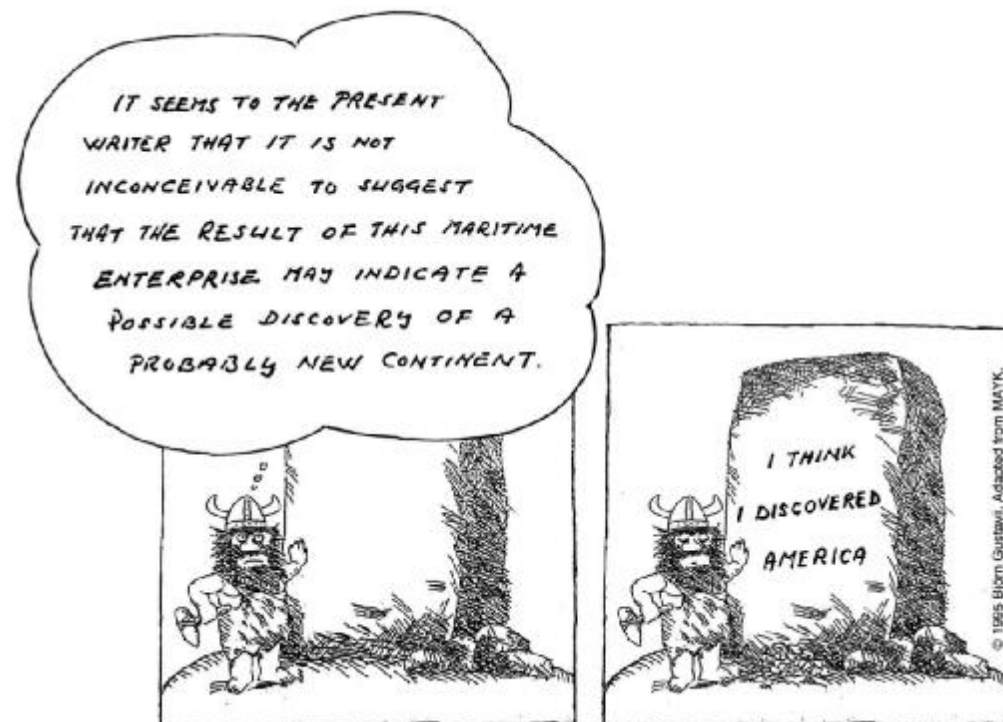
What happened in Walkerton, Ontario? Heavy rains fell on May 12. ~~It wasn't until May 21 that the townspeople were advised to boil their drinking water.~~ The rains washed cattle manure into the town well. The manure contained E coli, a type of bacteria. E coli is harmless to cattle. It can make people sick. Seven days after the heavy rains, people began calling public health officials. The warning came too late. Two people had already died (Wickens, 2000).

Once Walkerton's problem was identified, the solutions were known. The government acted quickly to help the community and to clean the water supply. One Canadian newspaper reported that a \$100,000 emergency fund was set up to help families with expenses. Bottled water for drinking and containers of bleach for sanitizing and cleaning were donated by local businesses.



Editing and Proofreading

- Why does grammar matter
- Instructions to Authors of the journal to which you will submit your manuscript





Common grammatical mistakes

- clearly and correctly
- Spelling and consistency, whether you use British or American spelling, consistency is the key
- The active versus the passive voice
- The incorrectly related participle
- The use of “this”, “that”, “they” and “which”



Common grammatical mistakes

- “None” means “not one” and is **singular**
- **Hyphenation and abbreviations**
Abbreviations need to be written out in full when they are first mentioned
- ***Numbers and hyphens***
 - > *not start a sentence with a figure*
e.g. “One milliliter of the solution”
NOT “1 ml of the solution”
 - > “14-year-old children” / “14 year-old children”



Common grammatical mistakes

- Lists and semicolons
 - > *The semicolon is a useful punctuation mark, especially when you are making a list of complicated items.*
- Nouns as adjectives
- “Types,” “kinds,” and “classes”
 - e.g. “two types of child”, “two kinds of parent” and “two classes of children”*

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Targeting A Journal

- Which journals do the people you hope to reach prefer to read?
 - > Ask your more **experienced colleagues** about this point. If your first language is not English, consider the language of publication too: your paper may **remain hidden** for years if you publish in a **minority language**.
- Which journals print papers of the **kind** and **length** you propose to write?
 - > The **scope** of a journal is usually defined at the beginning of the instructions to authors.



Targeting A Journal

- Which are the well-established **journals** in your field?
 - > ask your **experienced colleagues** for their advice.
Publishing in the ‘throwaway’ journals is unlikely to help your career.
- Which journals are of high scientific quality but have moderately low **rejection** rates?
 - > Rejection rates **vary** widely both between and within **disciplines**. International journals of high prestige may have **rejection** rates as **high** as 80-90% of submissions.



Targeting A Journal

- Which journals are covered by the **main abstracting (Indexing)** and title-listing services?
 - > *Journals may name these services in or near the **masthead**, or in **publicity material**. Is this journal indexed by SCI, EI or other database? If the journal has an **impact factor**, it has a better chance to be indexed by SCI database.*
- Which journals have editors who are **highly** regarded in their fields of science and provide prompt, fair, and helpful reviewing?
 - > *Ask experienced **colleagues** for their views.*



Targeting A Journal

- Which journals are published often enough to give your paper a chance of appearing within six weeks to nine months of acceptance
 - > *depending on whether the journal is a rapid results journal or one with a slower publication schedule*
- Which journals require authors to be members of the society which owns or sponsors the journal?
 - > *The instructions of the journal to authors will answer this question.*



Targeting A Journal

- Which journals have page charges or submission charge?
> check *the instructions of the journal*
- Which journals print high quality photographs (e.g. electron micrographs), and which accept colour photographs, if these are essential to your work?
> *Your own and your colleagues' observations will tell you which journals are suitable.*
- Which journals provide offprints or reprints, which provide them free of charge, how many do they provide, and what do extra copies cost
> check *the instructions of the journal*

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Manuscript Preparation

- Use template provided by the journal, [word](#) or [LaTeX](#)
- [Submission Checklist](#)
- Follow the **Instructions to Authors** of the journal

e.g.

http://www.elsevier.com/wps/find/authorsview.authors/landing_main



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The journal is intended to present within a single forum all of the developments in the field of multi-sensor, multi-source information fusion and thereby promote the synergism among the many disciplines...

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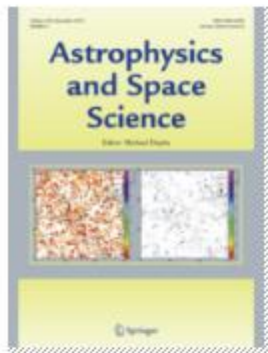
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Reference- Case - 1

- Follow the Instructions to Authors of the journal

<http://www.elsevier.com/journals/international-journal-of-electrical-power-and-energy-systems/0142-0615/guide-for-authors#20300>

References

There are **no strict requirements** on reference formatting. References can be in **any style** or format **as long as the style is consistent**. Author(s) name(s), journal title / book title, article title, year of publication, volume number / book chapter number and the pagination must be present. The reference style required by the journal will be applied to the published version by Elsevier.



Reference- Case - 2

Reference style

<http://www.elsevier.com/journals/applied-soft-computing/1568-4946/guide-for-authors#68000>

Text: Indicate references by number(s) in square brackets in line with the text. The actual authors can be referred to, but the reference number(s) must always be given.

Example: '..... as demonstrated [3,6]. Barnaby and Jones [8] obtained a different result'

List: Number the references (numbers in square brackets) in the list in the order in which they appear in the text.

Examples:

Reference to a journal publication:

[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, J. Sci. Commun. 163 (2010) 51-59.

Reference to a book:

[2] W. Strunk Jr., E.B. White, The Elements of Style, fourth ed., Longman, New York, 2000.

Reference to a chapter in an edited book:

[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), Introduction to the Electronic Age, E-Publishing Inc., New York, 2009, pp. 281-304.

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Submission Procedure

- Follow the **Instructions to Authors** of the journal
- Prepare documents for submission, which may include:
 - (1) manuscript in Word or LaTeX(.tex, .eps, .sty, etc.)*
Some journals, LaTeX files can be submit in a .zip file
 - (2) cover letter to editor-in-chief*
 - (3) highlight*
 - (4) potential reviewer list (Name, Title, Email, etc.)*



Information Fusion

Welcome to the online submission and editorial system for *Information Fusion*.

The journal is intended to present within a single forum all of the developments in the field of multi-sensor, multi-source information fusion and thereby promote the synergism among the many disciplines that are contributing to its growth. The journal is the premier vehicle for disseminating information on all aspects of research and development in the field of information fusion. Articles are expected to emphasize one or more of the three facets: architectures, algorithms, and applications. Papers dealing with fundamental theoretical analyses as well as those demonstrating their application to real-world problems will be welcome. The journal publishes original papers, letters to the Editors and from time to time invited review articles, in all areas related to the information fusion arena including, but not limited to, the following suggested topics:

- Data/Image, Feature, Decision, and Multilevel Fusion
- Multi-classifier/Decision Systems
- Multi-Look Temporal Fusion
- Multi-Sensor, Multi-Source Fusion System Architectures
- Distributed and Wireless Sensor Networks
- Higher Level Fusion Topics Including Situation Awareness And Management

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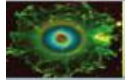
<http://ees.elsevier.com/inffus/>

Elsevier Editorial System (EES) User Guide for Authors



This user guide can show you how to do the following:

- Register as a new user
- Log in to EES
- Submit a manuscript/paper
- Track the progress of your submission
- Revise your manuscript
- Troubleshooting



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Editor-in-Chief's Decision

- Acceptance without revision
- Acceptance with revisions
- Rejection with an offer to reconsider
- Outright rejection

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After Rejection

- Don't give up
- Discuss with your colleagues for more comments
- Take good advices from reviewers' comments
- Try a submission to another journal
- Go a new loop of the submission, and stick to the **“Instructions to Authors”**

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After Acceptance

- You will receive an email from the editor-in-chief, which says:

*Dear ***,*

*I am pleased to confirm that your paper “****” has been accepted for publication in ***.*

...

- A few emails will be received to tell you what to do in the “in-press” status, how to track your manuscript status, etc.



The proof of your article

- Check that the surnames, highlighted pink, have been identified correctly.
- Answer all Queries. You cannot submit your article without answering all the queries.
- Go through the full article. Please ensure that your corrections, if any, are kept to the minimum.
- The presentation of Tables and References and the formatting of headings and text in the online proof do not match the final output, though the data is the same.

A case

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Secondary Phone is for ☐ Mobile ☐ Beeper ☐ Home ☐ Work ☐ Admin. Asst. ☐

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Department

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State or Province

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Country *

Please choose a country

Address is for * ☐ Work ☐ Home ☐ Other ☐

Available as a Reviewer? ☐ Yes ☐ No ☐

Areas of Interest or Expertise

Please indicate your areas of expertise by clicking the button(s) below and entering the requested information on the following screen.

Personal Classifications (None Selected)

Your information

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Please choose the Article Type of your manuscript from the drop-down menu. The Guide for Authors specifies the journal's requirements; a link to this is on the banner above, and will be available throughout the submission process.

You may also view the [submission-to-publication lifecycle](#).

Choose Article Type

Special Issue: SAMO 2010 ▼

- None
- Research Paper
- Short Communication
- Review Article
- Editorial
- Book Review
- Letter to the Editor
- Special Issue: SAMO 2010**
- Special Issue: ESREL 2010 selected paper
- Special Issue: Stochastic Modeling





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Please enter the details of all authors (other than you) who contributed to the work reported in your manuscript. After entering each author's details, click **Add Author**. [\[More\]](#)

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First Author Corresponding Author	James		Watt			james.watt2012@gmail.com



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Entering one or more Keywords is Required for Submission.

You must enter your own **Keywords** in the text box below. Entering keywords will help Editors choose appropriate referees to review your submission.

Keywords should be separated by semicolons, e.g. moulds; yeasts; pathogenesis.

NOTE Keywords should also be present within the manuscript text file for typesetting purposes.

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Please select an editor from the list below.

Authors submitting articles for the Special Issue SAMO 2007 must select the Editor Andrea Saltelli.

Please Choose

No Request

No Request

Carlos Guedes Soares

R. Bris

Guest Editors SAMO 2010



New Submission

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- ☒ Enter Keywords
- ☒ Additional Information
- ☐ Enter Comments
- ☐ Request Editor
- ☒ Attach Files

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For each item you wish to submit, scroll down and:

1. Select the appropriate **Item** from the drop-down list. Mandatory items are marked with an asterisk (*).
2. Enter a Description in the text box.
3. Click Browse.
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5. Click Attach This File.

Repeat steps 1-5 to attach the next submission Item. When all Items have been attached, click Next at the bottom of the page.

NOTE: If you are submitting a Graphical Abstract and/or Highlights, please submit these in separate files. Please name the file "Graphical Abstract" or "Highlights." For more information, see [Guidelines for Submitting Highlights](#) and [Guidelines for Submitting Graphical Abstracts](#).

Further information is available:

- [General Requirements](#)
- [Guidelines for Preparing Artwork/Figures](#)
- [Guidelines for LaTeX](#)
- View the [interactive tutorial](#) explaining this step

You are using the **Classic Upload Tool**.

To switch to the Enhanced Upload Tool, click: [Enhanced Upload Tool](#)

Item	Cover Letter
Description	Cover Letter
<input type="button" value="Attach This File"/>	

The order in which the attached items appear in the list will be the order in which they appear in the PDF file that is produced.

You may change the order by entering new numbers in the "Order" textbox, and then click "Update File Order". You only need to change the number of the files you want to move; the other files will be renumbered automatically.

Order	Item	Description	File Name	Size	Last Modified	Actions
1	Cover Letter	Cover Letter	Microsoft Word .doc	10.5 KB	Jul 22, 2011	Download Remove
<input type="button" value="Update File Order"/>						Remove All

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Frequently Asked Questions

- ✓
- ✓
-
- ✓
- ✓
-
-
- ➔

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Required Items are marked with *.

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One or more required items are missing. You cannot complete your submission until you have either uploaded all required items or have specified them to be delivered offline.

- * Highlights
- * Text in MS Word

	Online	Offline		Online	Offline
Cover Letter	1	0	Figure(s)	0	0
Responses to Technical Check Results	0	0	Table(s)	0	0
Graphical Abstract	0	0	* Highlights	0	0
* Text in MS Word	0	0	Video Still	0	0

Comments are missing. You cannot complete your submission until you have entered comments.

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Cover Letter	1	0	Figure(s)	0	0
Responses to Technical Check Results	0	0	Table(s)	0	0
Graphical Abstract	0	0	* Highlights	1	0
* Text in MS Word	1	0	Video Still	0	0

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FAQ1 - A Brief Writing Guideline

[A Brief Writing Guideline](#)



FAQ2 - Cover Letter

[Case 1](#)

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Read more:

[1] <https://www.aje.com/en/arc/writing-cover-letter/>



FAQ3 - Highlights

Highlights are a short collection of bullet points that convey the core findings and provide readers with a quick textual overview of the article. These **three to five** bullet points describe the essence of the research (e.g. results or conclusions) and highlight what is distinctive about it.

Highlights will be displayed in online search result lists, the contents list and in the online article, but will not (yet) appear in the article PDF file or print.



FAQ3 - Highlight

An example:

- > We model two hospitals which have regulated prices and compete on quality.
- > We examine changes in the level of information about hospital quality.
- > Increasing information will increase quality if hospital costs are similar.
- > Welfare effects depend on ex-ante or ex-post assumptions about quality information.



FAQ3 - Highlight

Please ensure EACH bullet point does NOT exceed 85 characters (including spaces).

Please see

<http://www.elsevier.com/wps/find/authorsview.authors/highlights>
for more information.



FAQ4 - Acknowledgments - a case

- The authors would like to acknowledge the partial supports provided by the National Natural Science Foundation of China (NSFC) No.51105061 and the Research Fund for the Doctoral Program of Higher Education of China (RFDP) No. 20100008110002.
- Also, the authors would like to acknowledge the anonymous reviewers with their valuable comments for this paper.



FAQ5 - Structured Abstract

Background. *It is generally accepted that the chromosome number in humans is 48. But to count chromosomes has been difficult, as they clump and partially cover each other. In this study, cultured cells were treated with solutions that spread the chromosomes and made them easier to count.*

Methods. *Cultured cells from human embryonic lung were treated with both colchicine and hypotonic solution.*

Results. *Among 265 mitoses counted, all but 4 had a chromosome number of 46.*

Conclusion. *The results suggest that the chromosome number in humans is 46, not 48.*



FAQ6 - The ten most common mistakes

1. Failure to follow instructions
2. Too many fonts on the title page
3. Inconsistent formatting in the body of the manuscript
4. Errors in the punctuation of references in the List of References
5. Failure to indicate the variability and/or reproducibility of results



FAQ6 - The ten most common mistakes

6. Results that are given to a degree of accuracy that far exceeds the accuracy of measurements
7. Graphs and histograms without indications of standard Deviations
8. Failure to distinguish between molecular mass (in kilodaltons) and molecular weight (a relative value, without units)
9. Indiscriminate use of nouns as adjectives
10. The use of “briefly” instead of “in brief”



FAQ7 - Six Techniques for Improving Titles

- Placement of contribution upfront in a title
- Addition of verbal forms
- Adjectives and numbers to describe the strong point of a contribution
- Clear and specific keywords
- Smart choice of keyword coverage
- Catchy acronyms and titles



FAQ8 - Plagiarisma Check Tools

Free Tools:

- plagiarismdetector.net (Limit: 1000 words)
- www.duplichecker.com (Limit: 1000 words)
- www.plagramme.com (free for teacher)
- www.quetext.com (Limit: 500 words)
- www.paperrater.com/plagiarism_checker
- plagiarisma.net
- <https://www.scanmyessay.com/free-check-for-plagiarism.php>
- Top 10 Free Plagiarism Detection Tools ([PDF](#))

<https://elearningindustry.com/top-10-free-plagiarism-detection-tools-for-teachers>



FAQ8 - Plagiarisma Check Tools

Need to Pay:

- <http://turnitin.com>
- <https://www.submit.ac.uk>
- <http://www.elsevier.com/wps/find/editorsinfo.editors/plagdetect>
- www.scanmyessay.com/turnitin.php




Avoiding Plagiarism

https://owl.purdue.edu/owl/research_and_citation/using_research/avoiding_plagiarism/safe_practices.html



FAQ8 - Plagiarisma Check Tools



Messages | English ▼

Assignment Inbox | Edit assignment | Libraries | Class Stats | Preferences

About this page













This is your assignment inbox. To view a paper, click the paper's title. To view an Originality Report, click the paper's Originality Report icon in the report column. A report has not yet been generated.

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GradeMark Report | Rosi

<input type="checkbox"/>	AUTHOR	TITLE	SIMILARITY	GRADE	RESPONSE	FILE
<input type="checkbox"/>	Benjamin Tersen Aern...	CALIBRATION OF ACCELEROMETER AND EVALUAT...	1% 		•	
<input type="checkbox"/>	Joseph Ndoma Egba	Co-simulation over TCP/IP: Simulink/Labvi...	1% 		•	
<input type="checkbox"/>	Mohammadu Buhari Abu...	THERMAL TRANSIENT MEASUREMENTS IN SOLIDS	2% 		•	
<input type="checkbox"/>	Mohammed Al Matar	PID & Full State Feedback Controller: Co...	3% 		•	



FAQ9 - Graphical Abstract

A Graphical Abstract should be a one-image file and should visualize one process or make one point clear.

For ease of browsing, the Graphical Abstract should have a clear start and end.

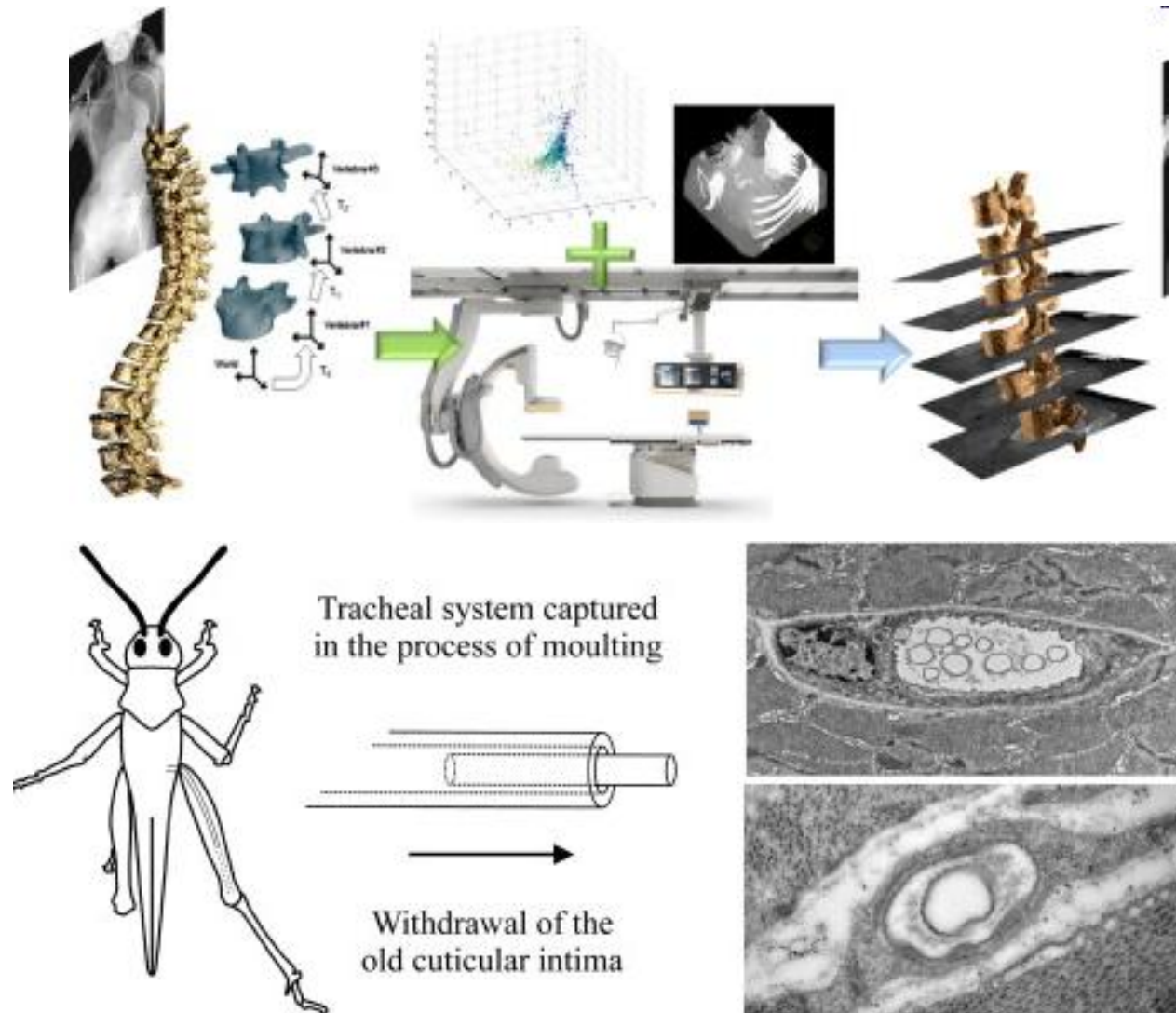
Preferably "reading" from top to bottom or left to right.

Try to reduce distracting and cluttering elements as much as possible.

<http://www.elsevier.com/wps/find/authorsview.authors/graphicalabstracts#examples>



FAQ9 - Graphical Abstract





FAQ9 - Graphical Abstract

please refer to

<https://www.elsevier.com/authors/journal-authors/graphical-abstract>



FAQ10 - Journal List

Reliability Engineering

1. Proceedings of the IMechE, Part O: Journal of Risk and Reliability
<http://www.uk.sagepub.com/journals/Journal202028>
2. Reliability Engineering & System Safety - Elsevier
3. Microelectronics Reliability - Elsevier
4. IEEE TRANSACTIONS ON RELIABILITY
5. International Journal of Quality & Reliability Management, Emerald



FAQ10 - Journal List

Robotic System

- Journal Of Field Robotics 3.58
- International Journal Of Robotics & Automation 0.206
- IEEE Robotics & Automation Magazine 2.173
- International Journal Of Robotics Research 4.095
- IEEE Transactions On Robotics 3.063

See also

<http://academic.research.microsoft.com/>



FAQ10 - Journal List

Optimisation Design & Algorithm

1. Engineering Optimization, Taylor & Francis Group
2. Expert Systems with Applications, Elsevier
3. Advances in Engineering Software, Elsevier
4. Information Fusion, Elsevier
5. Applied Soft Computing, Elsevier
6. COMPUTATIONAL INTELLIGENCE, Elsevier
7. Intelligent Systems, IEEE
8. International Journal for Numerical Methods in Engineering, Wiley
9. Computers & Operations Research, Elsevier
10. European Journal of Operational Research, Elsevier



FAQ10 - Journal List

Mechanical Engineering

1. ASME Journals, asme.org
2. Proceedings of the *IMechE, Part C: Journal of Mech. Engineering Science*

http://www.uk.sagepub.com/imeche_home.sp



FAQ10 - Journal List

- **Future Generation Computer Systems (IF:1.978)**

<http://ees.elsevier.com/fgcs/>

- **Applied Soft Computing (IF:2.612), The Official Journal of the World Federation on Soft Computing (WFSC)**

<http://www.journals.elsevier.com/applied-soft-computing/>

- **Computational Statistics & Data Analysis (IF:1.028), The Official Journal of the International Association for Statistical Computing (IASC)**

<http://www.journals.elsevier.com/computational-statistics-and-data-analysis/>



FAQ10 - Journal List

- **Expert Systems with Applications (IF:2.203)**

<http://www.journals.elsevier.com/expert-systems-with-applications/>

- **Computer Vision and Image Understanding (IF:1.340)**

<http://www.journals.elsevier.com/computer-vision-and-image-understanding/>

- **Image and Vision Computing (IF:1.723)**

<http://www.journals.elsevier.com/image-and-vision-computing/>

- **Medical Image Analysis (IF:4.424)**

<http://www.journals.elsevier.com/medical-image-analysis/>



FAQ10 - Journal List

- **Pattern Recognition (IF:2.292)**

<http://www.journals.elsevier.com/pattern-recognition/>

- **Computer Vision And Image Understanding (IF:1.340)**

<http://www.journals.elsevier.com/computer-vision-and-image-understanding/>

- **Pattern Recognition Letters (IF:1.034), An official publication of the International Association for Pattern Recognition**

<http://www.journals.elsevier.com/pattern-recognition-letters/>



FAQ10 - Journal List

- **Image And Vision Computing (IF:1.723)**

<http://www.journals.elsevier.com/image-and-vision-computing/>

- **Journal Of Visual Communication And Image Representation (IF:1.122)**

<http://www.journals.elsevier.com/journal-of-visual-communication-and-image-representation/>

- **Machine Learning (IF:1.587)**

<http://www.springer.com/computer/ai/journal/10994>

- **Pattern Recognition and Image Analysis**

<http://www.springer.com/computer/image+processing/journal/11493>



FAQ10 - Journal List

- **Soft Computing (IF:1.880)**

<http://www.springer.com/engineering/computational+intelligence+and+complexity/journal/500>

- **Information Fusion (IF:1.467)**

<http://www.journals.elsevier.com/information-fusion/>

- **Data Mining and Knowledge Discovery (IF:1.545)**

<http://www.springer.com/computer/database+management+%26+information+retrieval/journal/10618>



FAQ10 - Journal List

- Engineering Applications of Artificial Intelligence(IF:1.665),
<http://www.journals.elsevier.com/engineering-applications-of-artificial-intelligence/#description>
- Mechatronics(IF:1.255)
<http://www.journals.elsevier.com/mechatronics/#description>
- Image And Vision Computing (IF:1.723)
<http://www.journals.elsevier.com/image-and-vision-computing/>



FAQ 11 - How do I find the impact factor for a journal

[Journal Citation Reports](#)



FAQ 12 - A case of submission

Case 1



FAQ 13 - How to read a symbol

Math symbol



FAQ 14 - Target a journal for submission

you can consider:

- | Which journals can provide similar or related articles for your literature review
- | Scope and keywords of your manuscript
- | Type of manuscript (e.g., short communication, full article, review article, letter to the editor)
- | Your desired Impact Factor
- | How quickly you wish to publish, see the journal's homepage for more about this journal



FAQ 14 - Target a journal for submission

Example 1: Journal of Applied Physics

The screenshot displays the homepage of the AIP Journal of Applied Physics. The header features the AIP logo and the journal title. A search bar at the top right contains the text 'jap' and a 'Peer-review' button. The main navigation bar includes links for Home, Browse, About, Authors, Librarians, Features, Purchase Content, Advertisers, Scitation, and AIP Journals. The 'About' dropdown menu is open, showing options: About the Journal, Information Card, Masthead Archive, Citation Format, and Rights and Permissions. A red circle highlights the 'About the Journal' option, with a mouse cursor pointing at it. To the right of the dropdown, there are links for Current Issue, Submit Manuscript, Most Read, and Most Cited. Further right, an 'Announcements' section highlights a special topic: 'Selected Papers from the 31st International Conference on the Physics of Semiconductors'. A small thumbnail image of the journal cover is visible on the left side of the 'About' dropdown.



FAQ 14 - Target a journal for submission

Example 1: Journal of Applied Physics

Volume 113 2013

Issue 17 | 7 May | 17xxxx *partial*

Issue 16 | 28 Apr | 16xxxx

Issue 15 | 21 Apr | 15xxxx

Issue 14 | 14 Apr | 14xxxx

Issue 13 | 7 Apr | 13xxxx

Issue 12 | 28 Mar | 12xxxx

Issue 11 | 21 Mar | 11xxxx

Issue 10 | 14 Mar | 10xxxx

Issue 9 | 7 Mar | 09xxxx

Issue 8 | 28 Feb | 08xxxx

Issue 7 | 21 Feb | 07xxxx

Issue 6 | 14 Feb | 06xxxx

Issue 5 | 7 Feb | 05xxxx

Issue 4 | 28 Jan | 04xxxx

Issue 3 | 21 Jan | 03xxxx

Issue 2 | 14 Jan | 02xxxx

Issue 1 | 7 Jan | 01xxxx

Applied Physics

<http://dx.doi.org/10.1063/1.48030>

Yuichiro Kurokawa, Takehiko

Page 1 of 15 Pages

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0

☐ **ARTICLES**

Lasers, Optics, and Optoelectronics

☐ **Efficiency enhancement of nonlinear odd harmonics**

F. Bazouband and B. Maraghechi

J. Appl. Phys. **113**, 173101 (2013); <http://dx.doi.org/10.1063/1.48030>



FAQ 14 - Target a journal for submission

Example 1: Journal of Applied Physics

Journal of Applied Physics / Volume 113 / Issue 11 / ARTICLES / Interdisciplinary and General Physics

J. Appl. Phys. **113**, 114903 (2013); <http://dx.doi.org/10.1063/1.4794852> (9 pages)



FULL-TEXT OPTIONS:



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(HTML)



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PDF

Influence of hydrogen on interstitial iron concentration in multicrystalline silicon during annealing steps

Philipp Karzel, Alexander Frey, Susanne Fritz, and Giso Hahn
Department of Physics, University of Konstanz, 78464 Konstanz, Germany

[View Map](#)

(Received 5 January 2013; accepted 25 February 2013; published online 15 March 2013)

Abstract

References (40)

Article Objects (10)

Related Content



FAQ 14 - Target a journal for submission

Tool 1: Springer - Find the right journal for your manuscript

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


<https://www.springer.com/us/authors-editors/authorandreviewertutorials/writing-a-journal-manuscript>

Find the right journal for your manuscript

Springer Journal Selector ^{Beta}


Choose the Springer journal that's right for you!

 FAQ

 Enter the abstract or description of your article to match to relevant journals. Currently matching with 2,000+ scientific journals. Current and especially future software systems increasingly exhibit so-called self-* properties (e.g...

Match only to journals with:

- ☐ an Impact Factor
- ☐ Open Access options

 Find Matching Journals



FAQ 14 - Target a journal for submission

Tool 2: Elsevier - Find the perfect journal for your article

<http://journalfinder.elsevier.com/>

ELSEVIER

Find the perfect journal for your article ^{BETA}

Elsevier Journal Finder helps you find journals that could be best suited for publishing your scientific article.

Powered by the Elsevier Fingerprint Engine™, Journal Finder uses smart search technology and field-of-research specific vocabularies to match your article to Elsevier journals.

Simply insert your abstract and select the appropriate thesaurus for the best results.

Paper title

Paper abstract

Thesaurus

Select up to three fields of research



FAQ 14 - Target a journal for submission

Tool List:

Elsevier journal finder

<http://journalfinder.elsevier.com/>

Journal Suggester

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

Wiley

<http://onlinelibrary.wiley.com/advanced/search>

JournalGuide

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



FAQ 14 - Target a journal for submission

Read more:

1. Selecting a Target Journal for Your Scientific Manuscript

<http://www.biosciencewriters.com/Selecting-a-Target-Journal-for-Your-Scientific-Manuscript.aspx>

2. How to choose a target journal

<http://www.springer.com/authors/journal+authors/journal+authors+academy?SGWID=0-1726414-12-837804-0>

3. Journal Guide

<https://www.journalguide.com>

4. CAS JCR

<http://www.fenqubiao.com/>

[Attachment 1](#)



FAQ 15 - insert a high quality figure to word

- [See this file.](#)



FAQ 16 - How to set MATLAB figure's font size

```
plot_font_size = 14; % set font size, 14pt  
xdata = 0:0.01:pi;  
ydata = sin(xdata);  
  
plot ( xdata,ydata,'ob');  
  
set(gca,'fontsize',plot_font_size) ;  
  
xlabel('year','fontsize',plot_font_size);  
ylabel('error (%)','fontsize',plot_font_size);  
  
legend('prediction','history');  
axis tight  
  
saveas(gcf,'demo_set_font_size', 'pdf');  
saveas(gcf,'demo_set_font_size', 'jpg');  
saveas(gcf,'demo_set_font_size', 'eps');
```

example:

[demo_set_font_size.m](#)



FAQ 17 - Free editing tool

 **易改网页版** 叫板微软Word的在线英语改错产品

纠错策略 默认均衡

打开文档 保存文档

检查 全部改正 上一个 下一个 撤销 重做 复制全文 清空

是否载入上次自动保存的文本? [载入](#)

[1] <http://www.1gai.cn/>

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忽略
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上一个
下一个
撤销改正

小贴士

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FAQ 18 - English Editing Service

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FAQ 19 - Examples of response letters for reviewers

- Example - 1 [PDF](#)
- Example - 2 [PDF](#)
- What you want to say: My English writing skills are better than yours; why are you complaining about my typos?
- What you should say: Our manuscript has been reviewed by a colleague and revised to improve readability.

What you want to say: You are being so picky about grammar or formatting!

What you should say: We apologize for this error, and we have corrected the text as suggested.

Read more:

<https://www.aje.com/en/arc/responding-reviewers-you-cant-always-say-what-you-d/>



FAQ 20 - Final Check Before submission

1. Plagiarism Check

Turnitin - <http://submit.ac.uk/>



[A case](#)

2. Crossref Check the title of your manuscript

<http://search.crossref.org/>

3. iThenticate





FAQ 21 - Corresponding Author for Submission

The corresponding author in the submission system is responsible for responding to all correspondence and performing requested actions from the journal office, as well as ensuring that the submission adheres to all editorial policies.

This person **does not** need to be the same person indicated as corresponding author for post-publication communication on the title page of your manuscript.



FAQ 22 - Journal Abbreviation

- [1] [LIST OF IEEE TRANSACTIONS, JOURNALS, AND LETTERS](#)
- [2] [INTERNATIONAL PHARMACEUTICAL ABSTRACTS](#)
- [3] <http://www.journalabbr.com/>
- [4] https://images.webofknowledge.com/images/help/WOS/A_abrvjt.html
- [5] <https://www.library.caltech.edu/journal-title-abbreviations>



TYPE

- ☐ Journal Article (2,081,380)
- ☐ Conference Paper (718,803)
- ☐ Chapter (404,922)
- ☐ Report (30,243)
- ☐ Book (10,431)
- ☐ Entry (7,494)
- ☐ Standard (7,360)
- ☐ Other (3,992)

SORT BY: **RELEVANCE** [PUBLICATION YEAR](#)

PAGE 1 OF 3,273,234 RESULTS

Quantitative modelling of electricity consumption using computational intelligence aided design

Journal Article published **Apr 2014** in **Journal of Cleaner Production** volume **69** on pages **143** to **152**

Authors: Yi Chen, Guangfeng Zhang, Tongdan Jin, Shaomin Wu, Bei Peng

Other IDs: S0959652614000717

<http://dx.doi.org/10.1016/j.jclepro.2014.01.058> [Actions](#)



FAQ 23 - Ways to check your English writing

1. Search your 'words' or 'sentence' in Google, Check if see any other people are writing in this way. If NOT, your English may not an English speaker's English Google may have a recommendation.
2. MS.Word has a 'grammar check' tool
3. A grammar Checker
www.grammarly.com
4. Online Grammar Checker - WhiteSmoke
www.whitesmoke.com/free-online-checker
5. More reading and writing

FAQ24 - Spelling and grammar- General hints and tips



I General hints and tips on spelling and grammar ([PDF](#))

<http://www.gcu.ac.uk/library/pilot/communication/spellingandgrammar/>



FAQ 25 - publication plan for a PhD student

‘1-2-3’ publication plan :

p 1 survey paper in the 1st year;

p 2 conferences in the 2nd year

p 3 journal papers in the 3rd year



FAQ 26 - Overleaf, an online LaTeX tool

- <https://www.overleaf.com>
- <https://medium.com/thoughts-philosophy-writing/how-to-use-overleaf-to-write-your-papers-part-i-basic-minimalist-setup-6599268c095f>
- Overleaf is an **online LaTeX** and Rich Text **collaborative** writing and publishing tool that makes the whole process of writing, editing and publishing scientific documents much quicker and easier.



FAQ 27 - Scholarly Social Network

- **Researchgate** www.researchgate.net
- **Google Scholar** scholar.google.co.uk
- **Microsoft Academic** academic.research.microsoft.com

Others :

- **Linkedin**
- **Facebook**



FAQ 28 - preprints on arXiv

Elsevier's policy: Manuscript posting in arXiv

- <https://www.journals.elsevier.com/theoretical-computer-science/news/manuscript-posting-in-arxiv>
- <https://www.elsevier.com/about/our-business/policies/sharing>



FAQ 29 - preprints on RePEc

- (Research Papers in Economics) is a collaborative effort of hundreds of volunteers in 93 countries to enhance the dissemination of research in Economics and related sciences. The heart of the project is a decentralized bibliographic database of working papers, journal articles, books, books chapters and software components, all maintained by volunteers.



FAQ 30 - IEEE Author tools

- IEEE Publication Recommender
- IEEE Article Templates
- IEEE Graphics Analyzer
- IEEE Reference Preparation Assistant
- IEEE PDF Checker

<http://ieeauthorcenter.ieee.org/create-your-ieee-article/create-the-text-of-your-article/publishing-author-names-in-native-languages/>



FAQ 31 - a Full Title and a Short Title

The **full title** should:

- § be **specific** to the project, yet **concise**.
- § be **comprehensible** to readers outside your field.
- § **Avoid** specialist **abbreviations**, if possible.
- § Contains information about **the species or model system** in which a study has been done (for biological papers) or type of study design (for clinical papers).
- § The full title should be 250 characters or fewer.



FAQ 31 - a Full Title and a Short Title

The **short title**:

- § Acts as the **running head** for the submission
- § Be a **derivation** of the full title.
- § Have a strict limit of 100 characters total, **including** spaces and punctuation.



FAQ 31 - a Full Title and a Short Title

§ Example 1:

Title - Solar Drinking Water Disinfection (SODIS) to Reduce Childhood Diarrhoea in Rural Bolivia: A Cluster-Randomized, Controlled Trial

Short Title - SODIS and Childhood Diarrhoea

§ Example 2:

Title - *Pseudomonas aeruginosa* Enhances Production of a Non-Alginate Exopolysaccharide during Long-Term Colonization of the Cystic Fibrosis Lung

Short Title - *Pseudomonas aeruginosa* Adaptation in the CF Lung



FAQ 31 - a Full Title and a Short Title

§ Example 3:

- *Title* - An Analysis of Allometric and Multifractal Feature of the Development in the Urban-rural Area in the Lower Reaches of Yangtze River-Year 2012 Cross-Section Data of Four Provinces and One City

Short Title - Multifractal Feature of the Development



References

- [1] Randall VanderMey, Verne Meyer, John Van Rys, and Pat Sebranek, The College Writer: [A Guide to Thinking, Writing, and Researching](#), Fourth Edition, Wadsworth, Cengage Learning, 2012 ([PDF](#))
- [2] Gerald J. Alred, Charles T. Brusaw, Walter E. Oliu , Ninth Edition, Handbook of Technical Writing, Bedford/St. Martin's, 2009
- [3] Maeve O'Connor, Writing successfully in science, E&FN Spon, 2003
- [4] Jean-luc Lebrun, [Scientific Writing: A Reader And Writer's Guide](#), World Scientific Publishing, 2007 ([PDF](#))
- [5] Michael Jay Katz, From Research to Manuscript-A Guide to Scientific Writing, Springer, 2009



References

- [6] Björn Gustavii, *How to Write and Illustrate a Scientific Paper, Second edition*, Cambridge University Press, 2008
- [7] [Preparing and Submitting Manuscripts Using TeX/LaTeX](http://pubs.acs.org/page/4authors/submission/tex.html)
<http://pubs.acs.org/page/4authors/submission/tex.html>
- [8] [The Chicago Manual of Style](http://www.chicagomanualofstyle.org/16/contents.html)
<http://www.chicagomanualofstyle.org/16/contents.html>



Useful Links

[1] How to publish in an Elsevier journal

http://www.elsevier.com/wps/find/authorsview.authors/landing_main

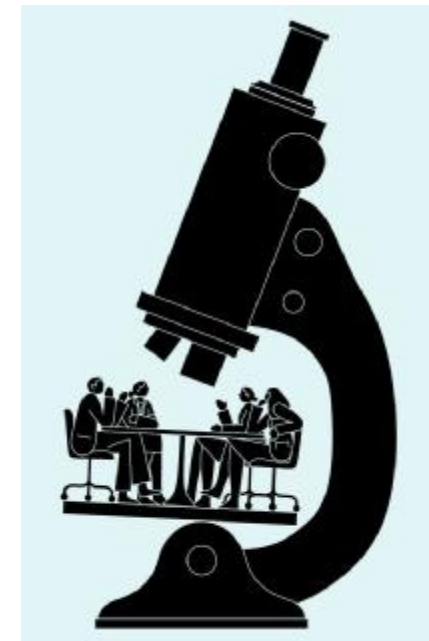
[2] Springer www.springer.com

[3] IEEE www.ieee.org

[4] ACM www.acm.org

[5] ASME www.asme.org

[6] www.authoraid.info





Useful Links

[7] <http://www.phrasebank.manchester.ac.uk/dissertations.htm>

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