

# **STRATEGIES TO WRITE REVIEW PAPERS**

**Organised by  
Faculty of Science  
Universiti Teknologi Malaysia  
6<sup>th</sup> December 2016**

**Azman Hassan**  
Deputy Dean (Research and Innovations)  
Faculty of Chemical and Energy Engineering  
Universiti Teknologi Malaysia

# Top Research Scientist Malaysia 2016

TUESDAY, AUGUST 16, 2016

*Sultan of Perak  
Sultan Nazrin  
Muizzuddin Shah  
(right) presenting the  
Top Research  
Scientists Malaysia  
award to Professor Dr  
Azman Hassan from  
Universiti Teknologi  
Malaysia at the  
Science for Peace  
International  
Conference in Kuala  
Lumpur yesterday.  
With them is Science,  
Technology and  
Innovation Minister  
Datuk Seri Madius  
Tangau. Pic by Mohd  
Yusni Ariffin*



# With my students in 2012



# Publications and Supervisions

No of Scopus Indexed papers	196
Scopus H-index	<b>23</b>
No of citations in Scopus	1759
Google Scholar H-index	26
No of citations in Google Scholar	3070
Postgraduates Supervision	<b>Graduated</b> 18 PhD & 20 masters  <b>On-going</b> 8 PhD & 7 Masters

# Presentation Outline

- Motivation for journal publication
- Types of manuscript
- Submission process and writing a cover letter
- What do reviewers, editors, journal managers check?
- Distinguish between review papers and research papers.
- Explain the criteria in selecting titles for the review papers.
- Discuss the main elements of a review paper
- Determine the novelty of review papers
- Write an effective conclusion for a review paper
- Use the connecting words effectively.

# Presentation Outline

- Write a good cover letter to the editor
- Discuss the reasons for papers being rejected.
- Find the right match between the article and journal.
- Deal with reviewers' comments effectively.
- Use social media for research collaboration and networking
- Submission process and writing a cover letter
- Selection of the right journal.
- What do reviewers, editors, journal managers check?
- How to address reviewer comments?
- H-index and citation strategies

# Publication Scenario in UTM

1984 – 2007	No of papers including Conference International or National
2008 – 2013	Impact Factors No of papers in Indexed Journals
2014 – present	Tier of Journals H-index No of citations
Future	???

# The success of research is measured from the outputs

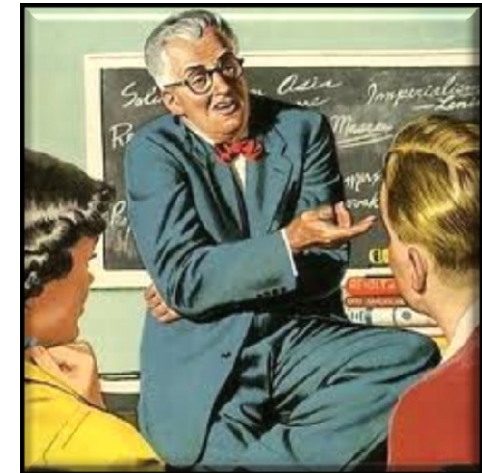
- PhD/masters degrees
- New/improved Products/Software/Process
- Innovation awards
- Networking
- Training programmes
- Services
- Intellectual properties
- **Scholarly Publications**
- Other publications
- **Citations**
- **H-index**





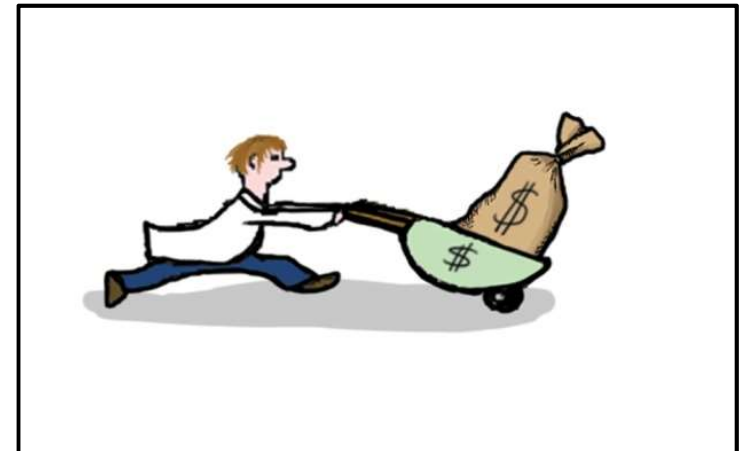
# Why Publish?

- Publication is an important research output.
- To share knowledge with the Science Community.
- To assist PhD thesis/viva.



# Why Publish?

- Publishing increases your profile as a researcher.
- Publication lends credibility to your research.
- Publication can lead to future funding.



**If your research is not  
published in a journal it does  
not exist.**

**It must be possible to find  
it !!**

**Prof Gustaf Olsson  
Editor-in-Chief  
Water Science & Technology**



## Main purpose of my presentation

To motivate the audience to publish papers in high in impact journals & inspire to become world class researchers



How many papers are you expected to publish during your PhD/masters programme?



# Types of Journal Papers

- ✓ **Research Papers**
- ✓ **Review Articles**
- ✓ **Short Communications**

## What is a review article?

- A critical, constructive analysis of the literature in a specific field through summary, classification, analysis, comparison.
- A scientific text relying on previously published literature or data. New data from the author's experiments are not presented.
- A stand-alone publication.

- Review articles are an attempt to sum up the current state of the research on a particular topic.
- **The writer searches for everything relevant to the topic**, and then sorts it all out into a coherent view of the “state of the art” as it now stands.
- Review articles will teach you about:
  - ✓ the main people working in a field
  - ✓ recent major advances and discoveries
  - ✓ significant gaps in the research
  - ✓ current debates
  - ✓ ideas of where research might go next
- Review Articles are virtual gold mines if you want to find out what the key articles are for a given topic.



## When is a review paper worth writing?

Writing reviews brings a lot of career benefits. Among them:

- They tend to be widely read and heavily cited
- They build your reputation as an expert in the subfield you review
- They draw attention to your primary-literature work (presuming your review cites it)
- They support future grant proposals to fill knowledge gaps they identify.

## Benefits to the readers

Reviewing the literature is not stamp collecting. A good review does not just summarize the literature, but discusses it critically, identifies methodological problems, and points out research gaps.

After having read a review of the literature, a reader should have a rough idea of:

- ✓ the major achievements in the reviewed field,
- ✓ the main areas of debate, and
- ✓ the outstanding research questions.

# How to recognise a review paper ?

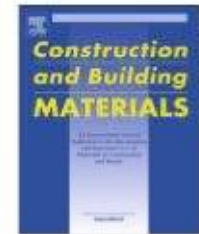
Construction and Building Materials 76 (2015) 87–96



Contents lists available at [ScienceDirect](#)

## Construction and Building Materials

journal homepage: [www.elsevier.com/locate/conbuildmat](http://www.elsevier.com/locate/conbuildmat)



Review

### Mechanical properties of kenaf fibre reinforced polymer composite: A review



N. Saba<sup>a</sup>, M.T. Paridah<sup>a</sup>, M. Jawaid<sup>a,b,\*</sup>

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## What is the difference between research and review papers ?

- (i) Title
- (ii) Abstract
- (iii) Introduction
- (iv) Materials and Methods
- (v) Results and Discussion
- (vi) Conclusion
- (v) Acknowledgement
- (vi) Reference

- (i) Title
- (ii) Abstract
- (iii) Introduction
- (iv) Body
- (vi) Conclusion
- (v) Acknowledgement
- (vi) Reference

**How and where do I find review papers ?**

# Google

Scholar



Articles ( include patents)  Case law

**Stand on the shoulders of giants**

**Find articles** ✕

with **all** of the words

review

with the **exact phrase**

with **at least one** of the words

**without** the words

where my words occur

anywhere in the article

in the title of the article

Return articles **authored by**

e.g., "PJ Hayes" or McCarthy

Return articles **published in**

chemistry

e.g., J Biol Chem or Nature

Return articles **dated** between

 — 

e.g., 1996



allintitle: review

About 1,190 results (0.06 sec)

Publication: **chemistry**

### What Alert Thresholds Should Be Used to Identify Critical Risk Results: A Systematic **Review** of the Evidence

CA Campbell, [A Georgiou](#), [JL Westbrook](#)... - ... **Chemistry**, 2016 - [clinchem.aaccjnls.org](#)

BACKGROUND: Pathology laboratories are required to immediately report results which indicate a patient is at critical risk, but there is little consensus about what values are deemed critical. The aim of this **review** was to systematically **review** the literature on alert

Cite Save

### **Review**: The Changing Face of HDL and the Best Way to Measure It

SK Karathanasis, LA Freeman, [SM Gordon](#)... - ... **Chemistry**, 2016 - [clinchem.aaccjnls.org](#)

Background: HDL cholesterol (HDL-C) is a commonly used lipid biomarker for assessing cardiovascular health. While a central focus has been placed on the role of HDL in the reverse cholesterol transport (RCT) process, our appreciation for the other cardioprotective

Cite Save

### A **review** of whole cell wall NMR by the direct-dissolution of biomass

[M Foston](#), R Samuel, [J He](#), [AJ Ragauskas](#) - Green **Chemistry**, 2016 - [pubs.rsc.org](#)

To fully realize the potential of lignocellulosic biomass as a renewable resource for the production of fuels, chemicals, and materials, an improved understanding of the chemical and molecular structures within biomass and how those structures are formed during

Cited by 4 Related articles All 6 versions Cite Save

### Algae-mediated biosynthesis of inorganic nanomaterials as a promising route in nanobiotechnology—a **review**

[SA Dahoumane](#), M Mechouet, K Wijesekera... - ... **Chemistry**, 2016 - [pubs.rsc.org](#)

Promising nanotechnological platforms, based on inorganic nanoparticles and nanomaterials, have emerged in such fields as targeted drug delivery, bio-and chemical sensing, catalysis, antimicrobial coatings, and optoelectronic devices, among others.

Cite Save



### Find articles ✕

with **all** of the words

with the **exact phrase**

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Return articles **authored by**

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e.g., J Biol Chem or Nature

Return articles **dated** between

 — 

e.g., 1996



allintitle: coating

2 results (0.03 sec)

Publication: **reviews in chemical engineering**

### Attributes of natural and synthetic materials pertaining to slow-release urea coating indu

MY Naz, [SA Sulaiman](#) - **Reviews in Chemical Engineering** - degruyter.com

Abstract Urea is one of the spirited input materials for plant growth. However, more than half of conventional urea applied to the soil may not reach the plants and be washed off by rain and irrigation water. The high lost proportion results not only in economic losses but also in

[Cite](#) [Save](#)

### [CITATION] Effect of Carbon **Coating** on the Properties of Gamma Irradiated Ultra High Molecular Weight Polyethylene Specimens

DP Mukherjee, AL Ogden... - ... **REVIEWS IN ...**, 1998 - CRC PRESS INC-**CHEMICAL ...**

[Cite](#) [Save](#)

# What are the differences between Google Scholar and Scopus ?

# How and When to Start ?



# Decide the authorship and their role

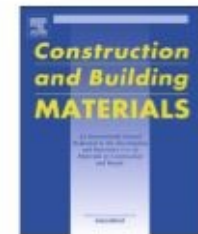
Construction and Building Materials 76 (2015) 87–96



Contents lists available at [ScienceDirect](#)

## Construction and Building Materials

journal homepage: [www.elsevier.com/locate/conbuildmat](http://www.elsevier.com/locate/conbuildmat)



Review

### Mechanical properties of kenaf fibre reinforced polymer composite: A review



N. Saba<sup>a</sup>, M.T. Paridah<sup>a</sup>, M. Jawaid<sup>a,b,\*</sup>

<sup>a</sup> Department of Biocomposite Technology, Institute of Tropical Forestry and Forest Products (INTROP), Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia

<sup>b</sup> Chemical Engineering Department, College of Engineering, King Saud University, Riyadh, Saudi Arabia

## Define the Topic

- Interesting to the authors
- Within the expertise of the authors
- Important to the audience
- A well-define issue but not too specific
- Publishable

# Epoxy Coatings

## Search and re-search the literature

After having chosen your topic, the next step is to find the relevant papers and download them.



### Find articles ✕

with **all** of the words

with the **exact phrase**

with **at least one** of the words

**without** the words

where my words occur

anywhere in the article

in the title of the article

Return articles **authored** by

e.g., "PJ Hayes" or McCarthy

Return articles **published** in

e.g., *J Biol Chem* or *Nature*

Return articles **dated** between

 — 

e.g., 1996



allintitle: epoxy review coating OR coatings



About 22 results (0.02 sec)

A critical **review** of the quality and safety of BADGE-based **epoxy coatings** for cans: implications for legislation on **epoxy coatings** for food contact

[J Simal-Gándara](#), [S Paz-Abuín...](#) - *Critical reviews in food ...*, 1998 - Taylor & Francis

BADGE-based **epoxy** resins have been commercially available for more than 40 years. They are extremely versatile, finding applications in many fields in both thermal and ambient cure applications. The present **review** focuses on their use in the food industry as surface

Cited by 34 Related articles All 7 versions Cite Save

[CITATION] A **Review** on Migration Survey and Determination of Bisphenol A and **Epoxy** Derivatives in Food Cans **Coating** [J]

[X HU](#), [W ZHANG](#), [Y LIU](#) - *Food Science*, 2006

Cited by 15 Related articles Cite Save

[HTML] Nanomechanical analysis of hybrid silicones and hybrid **epoxy coatings**—a brief **review**

[A Tiwari](#) - 2011 - file.scirp.org

This **review** article is written on the investigations of nanomechanical properties of **coatings** by using nanoindentation techniques. The focus is on the studies that were conducted on **epoxy** polymer, silicones and their hybrid materials. The article describes a large number of

Cited by 9 Related articles All 8 versions Cite Save More

[CITATION] **Review** of Solvent-Free Liquid **Epoxy Coating** Technology

[M Gaschke](#), [B Dreher](#) - ... *COATINGS ...*, 1976 - ... *COATING TECH 492 NORRISTOWN ...*

Cited by 7 Related articles Cite Save

**Review** of Research on the Effect of Nano-fillers on the Corrosion Resistance and Wear Resistance of **Epoxy Coating** [J]

[W CONG](#), [Z ZHOU](#), [S SONG](#), [W YAO](#), [Y MA...](#) - *Surface ...*, 2008 - en.cnki.com.cn

**Epoxy** is widely applied in anti-corrosion **coatings** because of its strong adhesion and well chemicals resistance and wear resistance. However, for the weakness such as brittleness, **epoxy** usually needs to be modified in the application. Especially the modification of **epoxy**

Cited by 6 Related articles Cite Save More

# What about a review on epoxy filled graphene coatings ?

allintitle: epoxy review graphene coating OR coatings

Your search - **allintitle: epoxy review graphene coating OR coatings** - did not match any articles.

Suggestions:

Make sure all words are spelled correctly.

Try different keywords.

Try more general keywords.

Try fewer keywords.

[Try your query on the entire web](#)

# Search for research papers on graphene filled epoxy coating

allintitle: graphene epoxy coating OR coatings

About 42 results (0.02 sec)

## Fabrication of **graphene** oxide–alumina hybrids to reinforce the anti-corrosion performance of composite **epoxy** coatings

Z Yu, H Di, Y Ma, L Lv, Y Pan, [C Zhang](#), Y He - Applied Surface Science, 2015 - Elsevier

Abstract **Graphene** oxide–alumina (GO–Al<sub>2</sub>O<sub>3</sub>) sheet hybrids were fabricated using GO as a precursor, then anchoring Al<sub>2</sub>O<sub>3</sub> on GO sheets with the help of 3-aminopropyltriethoxysilane. The structure of hybrids can be measured by FT-IR, XPS, XRD,

Cited by 16 [Related articles](#) [All 3 versions](#) [Cite](#) [Save](#)

## Enhancement of barrier and corrosion protection performance of an **epoxy** coating through wet transfer of amino functionalized **graphene** oxide

[B Ramezanzadeh](#), S Niroumandrad, A Ahmadi... - Corrosion ..., 2016 - Elsevier

Abstract An amino functionalized **graphene** oxide (FGO) was synthesized and characterized by Fourier transform infrared spectroscopy (FTIR) and X-Ray diffraction analysis (XRD). Then, FGO/**epoxy** composite was prepared through dispersing 0.1 wt.% of FGO in an **epoxy**

Cited by 20 [Related articles](#) [All 2 versions](#) [Cite](#) [Save](#)

## Preparation of **graphene** oxide modified by titanium dioxide to enhance the anti-corrosion performance of **epoxy** coatings

Z Yu, H Di, Y Ma, Y He, L Liang, L Lv, X Ran... - Surface and **Coatings** ..., 2015 - Elsevier

Abstract Solvent-based **epoxy** resins are often used for the anti-corrosion purpose but their cured process fabricating plentiful micro-pore via solvent evaporation is an intrinsic shortcoming and it is thus necessary to obstacle their micro-pore for enhancement antiseptic

Cited by 15 [Related articles](#) [All 2 versions](#) [Cite](#) [Save](#)

About 20 results (0.01 sec)

## Enhancement of barrier and corrosion protection performance of an epoxy coating t

Search within citing articles

### The effect of surface morphology and treatment of Fe<sub>3</sub>O<sub>4</sub> nanoparticles on the corro resistance of epoxy coating

[AA Javidparvar](#), [B Ramezanzadeh](#)... - *Journal of the Taiwan ...*, 2016 - Elsevier

Abstract Magnetite iron oxide base nanopigments (Fe<sub>3</sub>O<sub>4</sub>) with two morphologies and different surface treatments were synthesized. Fe<sub>3</sub>O<sub>4</sub> nanopigments were synthesized in the presence and absence of triethanolamine as surfactant and then were modified with 3-

Cited by 2   Related articles   All 2 versions   Cite   Save

### A Comparative Study on Graphene Oxide and Carbon Nanotube Reinforcement of PMMA-Siloxane-Silica Anticorrosive Coatings

[SV Harb](#), [SH Pulcinelli](#), [CV Santilli](#)... - *... applied materials & ...*, 2016 - ACS Publications

Carbon nanotubes (CNTs) and graphene oxide (GO) have been used to reinforce PMMA-siloxane-silica nanocomposites, considered to be promising candidates for environmentally compliant anticorrosive coatings. The organic-inorganic hybrids were prepared by benzoyl

Related articles   All 3 versions   Cite   Save

### Exploring corrosion protection properties of solvent based epoxy-graphene oxide nanocomposite coatings on mild steel

[S Pourhashem](#), [MR Vaezi](#), [A Rashidi](#)... - *Corrosion ...*, 2016 - Elsevier

Abstract Solvent-based epoxy coatings filled with graphene oxide nanosheets (GO) are developed to enhance the corrosion protection of mild steel substrates. Results reveal that GO distribution in polymer matrix is the most important parameter influencing coating

Cite   Save

### Enhancement of barrier and corrosion protection performance of an epoxy coating through wet transfer of amino functionalized graphene oxide

[B Ramezanzadeh](#), [S Niroumandrad](#), [A Ahmadi](#)... - Corrosion ..., 2016 - Elsevier

Abstract An amino functionalized graphene oxide (FGO) was synthesized and characterized by Fourier transform infrared spectroscopy (FTIR) and X-Ray diffraction analysis (XRD). Then, FGO/epoxy composite was prepared through dispersing 0.1 wt.% of FGO in an epoxy

Cited by 20 [Related articles](#) [All 2 versions](#) [Cite](#) [Save](#)

### Covalently-grafted graphene oxide nanosheets to improve barrier and corrosion protection properties of polyurethane coatings

[B Ramezanzadeh](#), [E Ghasemi](#), [M Mahdavian](#)... - Carbon, 2015 - Elsevier

Abstract Surface modification of graphene oxide (GO) has been performed by grafting of polyisocyanate (PI) resin. Results obtained from X-ray photo electron spectroscopy, thermal gravimetric analysis and X-ray diffraction analysis revealed that the PI resin chains were

Cited by 20 [Related articles](#) [All 2 versions](#) [Cite](#) [Save](#)

### A study on the corrosion inhibition properties of silane-modified Fe<sub>2</sub>O<sub>3</sub> nanoparticle on mild steel and its effect on the anticorrosion properties of the polyurethane ...

[MJ Palimi](#), [M Rostami](#), [M Mahdavian](#)... - Journal of Coatings ..., 2015 - Springer

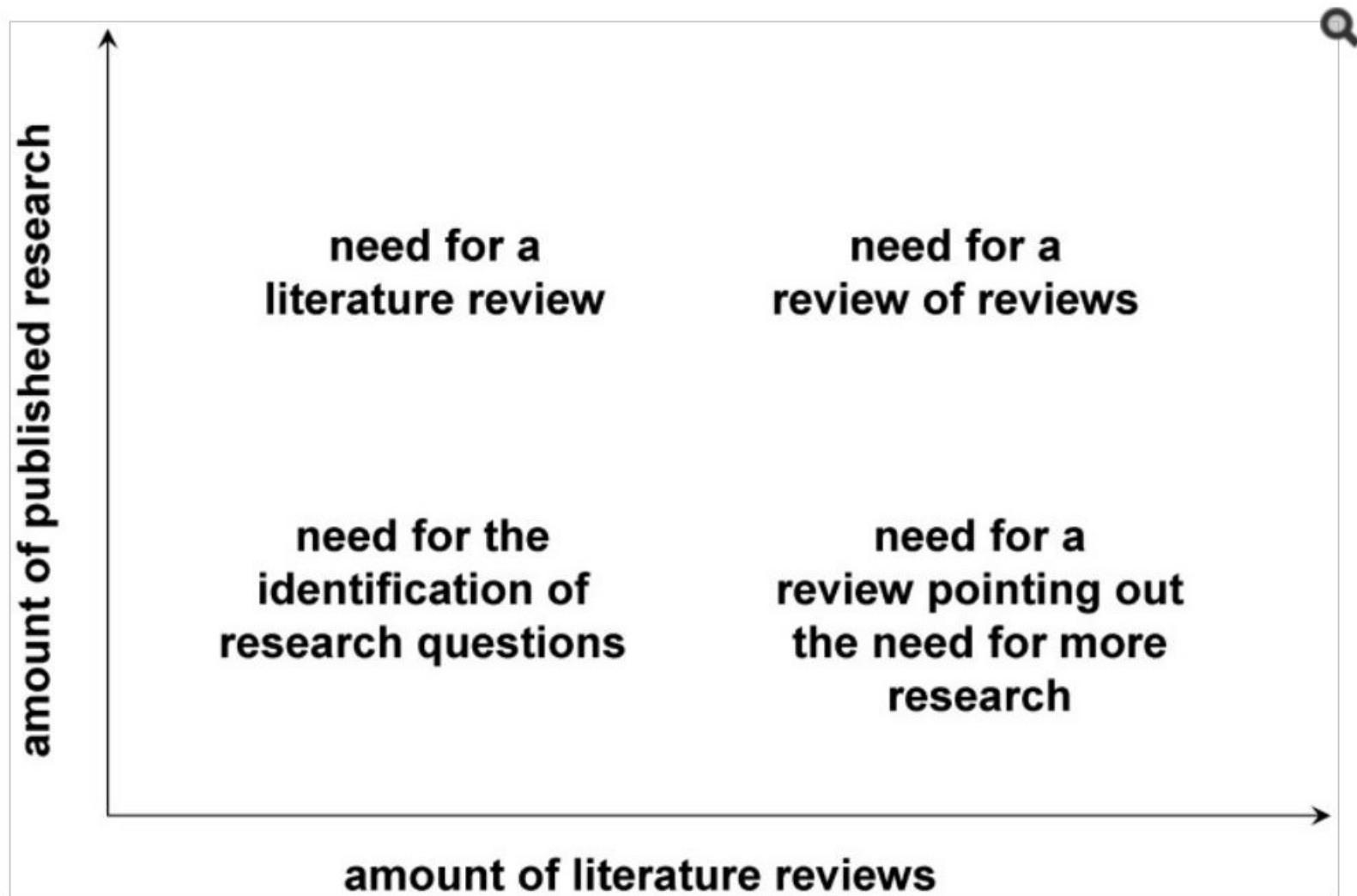
Abstract Fe<sub>2</sub>O<sub>3</sub> nanoparticle was modified with 3-amino propyl trimethoxy silane (APTMS) to enhance its compatibility with the polyurethane coating matrix. The surface chemistry of the Fe<sub>2</sub>O<sub>3</sub> nanoparticles was evaluated by thermal gravimetric analysis (TGA) and Fourier

Cited by 18 [Related articles](#) [All 3 versions](#) [Cite](#) [Save](#)

### Effect of synthesized NiFe<sub>2</sub>O<sub>4</sub>-silica nanocomposite on the performance of an ecofriendly silane sol-gel coating

[M Gharagozlou](#), [R Naderi](#), [Z Baradaran](#) - Progress in Organic Coatings, 2016 - Elsevier

## Refining the topic after initial literature review



# Take notes while reading

Paper Title	Objective	Main findings	Types of Test	Types of Materials	Research gap



## Develop the outline and structure

What should be in the Introduction?

How many sections in the main body and how can it be divided?

What should be in the conclusions?

- (i) Title
- (ii) Abstract
- (iii) Introduction
- (iv) Body
- (v) Conclusion
- (v) Acknowledgement
- (vi) Reference

# Develop the outline and structure

## Abstract

Approximately 200-300 words.

Provide a brief summary of the review question being addressed or rationale for the review, the major studies reviewed, and conclusions drawn.

Please do not cite references in the Abstract.

## Introduction

Introduce the topic and your rationale for addressing this topic focusing on why this topic is important.

Clearly define exactly what this article will discuss, outline the order in which you will discuss each subtopic to give the reader any background information needed to understand the coming sections.

## Develop the outline and structure

Body (subtopics being addressed)

The structure may vary based in the sub-topics or review questions being addresses. For example, if you are reviewing three different methodologies, you might divide the body of the article into three sections, each discussing one of the methods.

Conclusions

You should develop the conclusion by briefly restating the rationale for your review and the purpose of the article, then discussing the conclusions you have drawn. You should also discuss the implications of your review findings and where you think research in this field should go from here.

# Determine the sub-sections of main body

## Contents

1. Introduction .....	88
2. Kenaf fibre .....	88
3. Factors effecting mechanical properties of natural fibre and kenaf reinforced polymer composites .....	89
4. Mechanical properties of kenaf fibres composites .....	90
4.1. Kenaf based thermoset composites .....	91
4.2. Kenaf based thermoplastic composites .....	92
4.3. Kenaf based biodegradable polymer composites .....	92
4.4. Effect of fibre treatment and coupling agents on mechanical properties of kenaf composites .....	92

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E-mail address: [jawaid\\_md@yahoo.co.in](mailto:jawaid_md@yahoo.co.in) (M. Jawaid).

<http://dx.doi.org/10.1016/j.conbuildmat.2014.11.043>  
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5. Hybrid composites .....	94
6. Conclusion .....	94
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## Get started: some tips on Writing

- Cover one idea, aspect or topic per paragraph.
- Avoid referring to only one research per paragraph; consider several studies per paragraph instead.
- Link the studies to one another. Compare and discuss these relationships. Use connecting words.
- Develop new Table from the research papers.
- Provide potential future studies of the research area in the Conclusions

# Original table

**Table 3**  
Reported work on kenaf fibres based composites.

Reinforcement	Matrix	Refs.
Kenaf fibre	HDPE	[38]
Treated and untreated kenaf	Epoxy	[26]
Kenaf fibre	Poly(furfuryl alcohol) bioresin	[39]
Kenaf/fibre glass	Polyester	[40]
Short fibre non-woven kenaf	Polypropylene	[41]
Long kenaf/woven glass	Unsaturated polyester	[18]
Kenaf bast fibre	(PP)blended with (TPNR) and (PP/EPDM)	[13]
Kenaf-fibre	Polyurethane	[42]
Kenaf fibres	Poly lactide	[43]
Kenaf	Poly (lactic acid)	[29]
Kenaf-glass	Unsaturated polyester	[44]
Kenaf fibre and corn husk flour	Poly (lactic acid)	[30]
Nonwoven kenaf	Polypropylene	[45]
Kenaf fibre	Polypropylene	[46]
Alkali treated kenaf fibre	Poly (lactic acid)	[47]
Kenaf fibre	Waste polypropylene	[48]
Kenaf fibres	Cassava starch	[49]
Kenaf/glass	Epoxy polybutylene terephthalate (PBT)	[50]
Kenaf/glass	Epoxy	[5]
Kenaf sheets	PLLA	[14]
Kenaf fibre	Polypropylene	[51]
Woven kenaf fibre	Polyoxymethylene (POM)	[52]
Pultruded treated and untreated kenaf fibre	Polyester	[53]
Kenaf fibre	Natural rubber	[54]
Kenaf fibre	Polystyrene (PS)	[55]
Chemically treated kenaf fibre	Thermoplastic polyurethane	[56]
Unidirectional kenaf fibre	Epoxy	[57]
Treated and untreated kenaf fibre	Unsaturated polyester (UPE)	[58]
Kenaf fibres and exfoliated graphite nanoplatelets	Poly lactic acid	[59]
Kenaf fibre (KF) and bacterial cellulose	PLA resin	[60]
Treated and untreated kenaf fibre	Epoxy resin	[61]
Non woven kenaf fibre	Polypropylene	[62]
Kenaf fibre	Poly (vinyl chloride)/thermoplastic polyurethane poly-blend	[63]
Kenaf fibre	Thermoplastic polyurethane	[64]
Kenaf fibre	HDPE	[38]
Kenaf fibre	Polypropylene (PP)	[65]
Kenaf fibre	Concrete	[66]
Kenaf fibre	Epoxy	[67]
Kenaf fibre	Polypropylene	[68]
Kenaf fibres	HDPE and PP	[69]
Pultruded kenaf fibre	Unsaturated polyester	[70]
Treated banana/kenaf fibres	Polyester	[3]
PALF and kenaf fibre	HDPE	[71]
Kenaf fibre	PHBV and PBAT	[72]

*Note:* Polypropylene (PP); thermoplastic natural rubber (TPNR); polypropylene/ethylene-propylene-diene-monomer (PP/EPDM); high density polyethylene (HDPE); poly-L-lactic acid (PLLA); poly (lactic acid) (PLA); polystyrene (PS); polyoxymethylene (POM); thermoplastic polyurethane (TPU); polypropylene (PP) thermoplastic natural rubber (TPNR); polypropylene/ethylene-propylene-diene-monomer (PP/EPDM); poly (3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV); poly (butylenes adipate-co-terephthalate) (PBAT); unsaturated polyester (UP).

## Suggestions for further investigations



### 6. Conclusion

Kenaf bast fibre has excellent tensile strength combined with superior flexural strength verified by several mechanical testing and research work enabling it to utilize in variety of application such as auto-industrial, light weight constructional applications, customary products like yarns, fabrics, and ropes. We concluded from the this work that there is no clear trend how much fibre loading give better mechanical properties but 40% fibre loading consider as optimum condition in polymer composites which give better mechanical properties. Similarly mechanical properties of kenaf fibre reinforced thermoset and thermoplastic polymers also display variation reported by different researchers but over all kenaf/epoxy composites display better mechanical properties as compared to other polymeric matrix. Furthermore, kenaf fibre has great probability of substituting the synthetic fibres (glass) for flexural and tensile applications are well evaluated. However, its impact strength is still higher, depicting a great probability of the utilization of kenaf fibre in hybrid natural fibre composites in many of the structural and nonstructural components in locomotive, construction and housing industries. Construction and building materials are the most interesting application area, which relates to enhancing the functional properties of concrete, steel, wood, and glass, as the primary construction materials. Existing materials such as solid wood and wood plastic composites based products can be replaced by kenaf reinforced polymer composites which are moulded into lightweight panels in several applications. This is the first and economically priced plastic lumber for use as constructing materials in housing industry as a engineered materials. Moreover, it is also used to make a strong, light weight, cement block with great insulation and effectively fireproof properties. Kenaf core blocks nowadays used to construct multi-story and solitary family homes, deprived of power tools.

This review paper hopefully provide valuable information for further investigations and in the elaborative study of mechanical properties of kenaf fibre reinforced in polymeric composites compared to jute, oil palm, sugarcane fibres, etc. The future work would be the production of green composite materials and nano-composite from kenaf fibre with biodegradable resin polymeric matrix with improved mechanical properties.

## Get started: some tips on Writing

- Include our own research.
- Rewrite the Introduction after writing the body
- The references must be up-to-date and include all the top researchers in the field.
- If there are already review papers written, explain the novelty.
- Do not use the same style when reporting previous studies



## Get started: some tips on Writing

- Find an interesting and new title
- Read and follow the guideline to authors.
- Good English: clarity and style.
- Target the right journal.
- Work in a team with your supervisor and other researchers

# Team working in action !!



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## Article

### Influence of rubber content on mechanical, thermal, and morphological behavior of natural rubber toughened poly(lactic acid)-multiwalled carbon nanotube nanocomposites

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# Smooth transition between sentences

If your sentences do not transition smoothly from one to the next, the effect is a choppy, disconnected writing style which makes your reader's brain work overtime filling in the missing parts.

Connecting sentences is probably the easiest of the transitions: it usually requires only one word to go from one idea to the next

## Guide to Transition Words and Sentence Samples

Two sentences become a sentence, using transitions words or phrases that link sentences and paragraphs together smoothly so that there are no abrupt jumps or breaks between ideas. Here is a list of some common transition word that can be helpful for writer to use the word to link two sentences.

Click on the links below to take you to sample transition words and sample sentences

- [Words that Add information](#)
- [Words that show Conclusion](#)
- [Words that Repeat information](#)
- [Words that show Comparison](#)
- [Words that show Contrasts or Differences](#)
- [Words that show a Time relationship](#)
- [Words that Limit or Prepare for an example](#)
- [Words that show Cause \(explain why\)](#)
- [Words that show Effect/Result](#)
- [Words that Assert obvious truth or Grant opposition](#)

## Connecting words: some potential options

Words which lead to more on the same idea: **again, likewise, in addition, also, as well, furthermore, moreover, and**

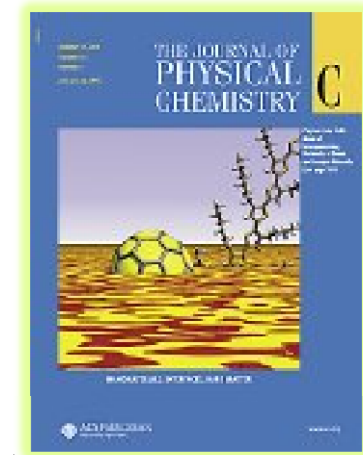
Words which lead to a different idea: **conversely, nevertheless, on the other hand, on the contrary, although, even though, but, yet, while, however, except**

Words which lead to a result: **thus, therefore, consequently, as a result, because, since, as, so, inasmuch as**

Words which show sequence: **first/second/third, a/b/c, lastly, next, then, finally, after that, until**

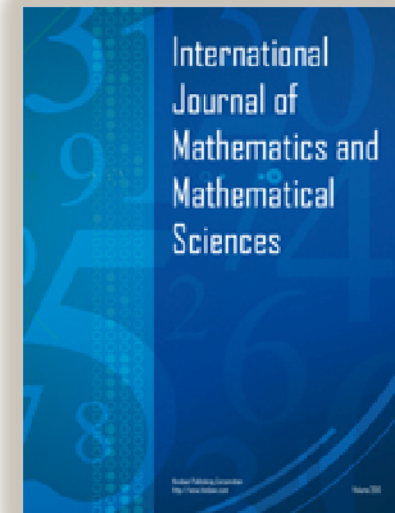
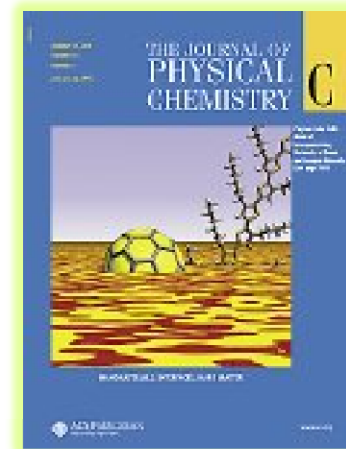
# Where to publish your papers ?

- Scope of journal
- Indexing
- Impact factor
- Journal ranking
- Publication frequency
- Time to review
- Publisher
- Who published



# Where to publish your papers ?

- Time to publish
- Friendliness of the editor
- Rejection rate
- Reference
- Quality of review
- Members of editorial board
- Categories of journal
- Quality of our papers



# Reasons for Rejection

1. The paper does not fit the scope of the journal.
2. The paper does not contribute to new knowledge.
3. The paper does not meet established ethical standards.
4. The paper has been carelessly prepared.
5. The paper has not been prepared according to journal's guidelines for presentation.

## Reasons for Rejection

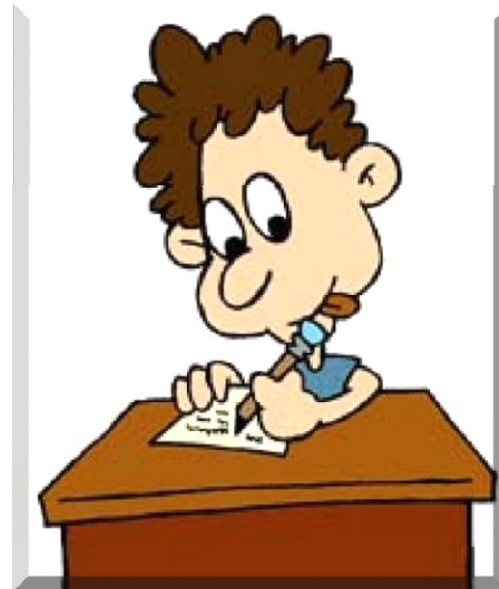
6. The paper has methodological problems.
7. The number of experiment & amount of data was inadequate.
8. The statistics are inadequate.
9. The language is poor.
10. The paper is over the journal's word limit



# Reasons for Rejection

11. The paper cannot compete with the high quality of other papers submitted to the journal.
12. Publication bias.
13. Wrong choice of reviewers
14. The data have been poorly interpreted
15. The analysis is weak.
16. The literature review is inadequate or too long

# How to address reviewers' comments in revised manuscript?



# Revising a paper

- Revise and submit promptly.
- Include a letter saying that what revisions were made.



### **1. Use the reviewer comments even if your paper is rejected**

If it is rejected; at least get some feedback from the reviewers.

Check through the reviewer comments carefully for things you can do to improve your paper before you send it to the next journal

### **2. Be polite – but not over-polite**

It is important to address the reviewers in a polite manner, even if you totally disagree with their comments.

However, you should not be over-polite



### **3. Don't feel obliged to accept everything the reviewer says**

Responding to reviewer comments is a balance between pleasing the reviewer and having the paper you want.

If you strongly disagree with something a reviewer says you should say so, explaining courteously and with good reasoning why (flat rejection of a comment will not be well received).

### **4. What to do when two reviewers ask for opposite things**

Reviewer 1 feels that the Introduction lacks detail.  
Reviewer 2 on the other hand thinks it is too long.  
What to do?



## 5. Make sure you address everything

Before you submit your responses to the reviewer comments make sure you have addressed **E-V-E-R-Y-T-H-I-N-G! Nothing annoyed me more as a peer reviewer than authors not responding to my comments**



## 6. Dealing with comments you don't understand

Explain to the reviewer that you don't understand what they mean.

At the same time, it is worth writing responses based on what you suspect the reviewer may be getting at:

I am afraid that I am unclear as to the point you are making. If you are saying that the sample was too small, I would respond that [...]. If instead you feel that the outcome measure was flawed, I would argue that [...].



Dear Professor Barry Haworth,

**We first gratefully thank you for accepting our manuscript** (#APP-2007-02-0609) entitled "Interface and mechanical properties of peroxide cured silicate nanofiber/rubber composites ", and two reviewers for good suggestion as well. We also feel terribly sorry to submit the revised manuscript so late.

Based on two reviewer's comments, some changes including English improvements and supplements have been done in the revised manuscript, in which the fonts were highlighted with red color. Another twelve references were added. We think it is more understandable and more explicit, compared with the old manuscript.





## Addressing reviewers' comments in revised manuscript

- When you rewrite the paper, please improve the English expression thoroughly, and follow **STRICTLY** the format described in the Instructions to authors of the journals:
- The English has been checked and improved thoroughly.
- The revised manuscript been prepared according to the journal format.
- A suggestion is to add “the Malaysian” in the title, i.e. **END USE ENERGY ANALYSIS IN “THE MALAYSIAN” INDUSTRIAL SECTOR**
- “THE MALAYSIAN” has been added in revised title of the manuscript.

## Addressing reviewers' comments in revised manuscript

- **I suggest, however that the authors consider the following comments if possible:**

It would be good to calculate expected GHG emissions reduction in tons for the potential savings in energy using standard emissions factors.

- Emission reductions associated with the energy savings have been estimated and presented in Table 8. Details of estimation formulation have been added in section 2.5.2.

## Addressing reviewers' comments in revised manuscript

### Introduction

**Explain why these two polymers were selected for the study. Is there any expected difference between these two polymers in terms of the effect of phosphor?**

- The criterion for choice of polymer type was to have a readily available and environmentally stable semicrystalline (LDPE) and an amorphous (PMMA) polymer respectively. Some semicrystalline polymers are known to undergo strain-related deformations that are likely to facilitate the occurrence of phosphorescence, hence the choice of LDPE, while PMMA was more or less a control parameter.
- The above explanation has been appropriately included in the Introduction section (1.0).

# ADDRESSING REVIEWER COMMENTS

## Reviewer Comment:

“The method/device/paradigm the authors propose is clearly wrong”

## How NOT to Respond:

X “Yes, we know. We thought we could still get a paper out of it. Sorry.”

## Correct Response:

√ “The reviewer raises an interesting concern. However, as the focus of the work is exploratory and not performance-based, validation was not found to be of critical importance to the contribution of the paper.”

## Reviewer Comment:

“The authors fail to reference the work of Smith et al., who solved the same problem 20 years ago”

## How NOT to Respond:

X “Huh. We didn’t think anybody had read that. Actually, their solution is better than ours.”

## Correct Response:

√ “The reviewer raises an interesting concern. However, our work is based on completely different first principles (we use different variable names), and has a much more attractive graphical user interface.”

## Reviewer Comment:

“This paper is poorly written and scientifically unsound. I do not recommend it for publication.”

## How NOT to Respond:

X “You #&@\*% reviewer! I know who you are! I’m gonna get you when it’s my turn to review.”

## Correct Response:

√ “The reviewer raises an interesting concern. However we feel the reviewer did not fully comprehend the scope of the work, misjudged the results based on incorrect assumptions.”

	<b>1<sup>st</sup> Reviewer's comments</b>	<b>Our response</b>
1.1	There are a number of obvious outcomes in this kind of work, and they are implied in the writing, but the main outcomes (likely development of hypertension, development of abnormal albuminuria, development of proteinuria, death) are not explicitly defined.	We agree with the Reviewer and have defined the main outcomes. The revised paper now reads as follows (page 2, 2 <sup>nd</sup> para.): <b>"In particular the study is designed to prospectively quantify the risks to donors after living kidney donation such as the development of hypertension, albuminuria, renal failure and psychological diseases and to assist in the management of individual donors at an early stage if such complications occur."</b>
1.2	Terrific work, raised my awareness of barriers to live donation in Switzerland, and an excellent response to a complex medico-societal problem. Congratulations on the work so far and a great idea to publish your protocol. Here are some suggestions for the manuscript, * marks those that I thought more important.	Thank you very much. No reply required.
1.3	P3 line 21 could you clarify how 'missed donor' is defined in these studies?	We agree that the term "missed donor" is confusing. We have corrected the sentence which reads now: <b>"In these studies</b> the percent of donors <b>without follow up data</b> ranged from 21% <sup>2 3</sup> to 31% <sup>4</sup> , to 42% <sup>5 6</sup> up to 77% <sup>7</sup> ."

## A letter from a frustrated author of a journal paper

Dear Sir, Madame, or Other,

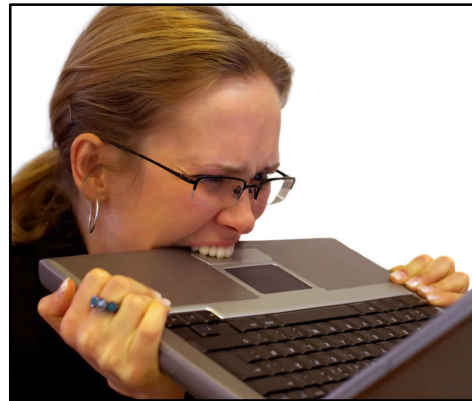
Enclosed is our latest version of Ms. #1996-02-22-RRRR that is **re-re-re-revised revision** of our paper. Choke on it.

We have again rewritten the entire manuscript from start to finish. We even changed the g-d-running head!. **Hopefully, we have suffered enough now to satisfy even you and bloodthirsty reviewers.**

I shall skip the usual **point-by-point description** of every single change we made in response to the critiques.

After all, it is fairly clear that your anonymous reviewers are less interested in the details of scientific procedure than in working out their personality problems and sexual frustrations by seeking some kind of demented glee in the sadistic and arbitrary exercise of tyrannical power over helpless authors like ourselves who happen to fall into their clutches..

- We do understand that, in view of misanthropic psychopaths you have on your editorial board, you need to keep sending them paper, for if they were not reviewing the manuscripts they would probably be out mugging little old ladies or clubbing baby seals to death.
- Still, from this batch of reviewer, **C was clearly the most hostile**, and we request that you not ask him to review this revision.
- Indeed, we have mailed letter bombs to four or five people we suspected of being reviewer C, so if you send the manuscript back to them, the review process could be unduly delayed.



- Some of the reviewer comments we could not do anything about. For example, if (as C suggested) several of my recent ancestors were indeed drawn from other species, it is too late to change that.
- Other suggestions were implemented, however, and the paper has been improved and benefited.
- Plus you suggested that we shorten the manuscript by five pages, and we were able to accomplish this very effectively by altering the margin and printing the paper in a different font with a smaller typeface. **We agree with you that the paper is much better this way**





## Strategies to Increase Citations

- Use of Professional Social Network such as Researchgate & LinkedIn.
- Publish in top and relevant journals.
- Do research in current interesting area
- Interesting title and relevant keywords.
- Self-citations (but not excessive)
- Presenting papers in Conference
- Personal contact; send PdF of your published papers
- **Write review papers** and include your publications

Writing journal papers is like running a marathon;  
training, planning, learning specific skills, endurance,  
perseverance and daily practice!



**Thank you for your time**



**Libyan Macromolecular Institute, Tripoli (2009)**