



Organização: Pró-Reitoria de Pesquisa - USP



Capacitação em Escrita Científica

Módulo 7

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Módulo 1: O Gênero Literário

Seções de Um Artigo Científico

Módulo 2: Estrutura 1: *Abstract*

Módulo 3: Estrutura 2: *Introduction*

Módulo 4: Estrutura 3: *Results and Discussion, Conclusion*

Módulo 5: Estilo

Linguagem 1: Especificidade, Complexidade e Ambiguidade

Módulo 6: Linguagem 2: Redundâncias, Ação no Verbo, Fluidez de Texto, Ritmo de Escrita

Módulo 7: Linguagem 3: *Plain English*, Escrever em Inglês, Preposições

Módulo 8: Linguagem 4: *Topic Sentences, Cover Letters, Final Remarks*

Módulo 7

Linguagem 3:

Plain English, Escrever em Inglês, Preposições

Language III

Needlessly Complex words:

Avoid	Use
Utilization	Use
Facilitate	Cause*
Finalize	End
Utilize	Use
Firstly, Secondly	First, Second
Commencement	Beginning

Writing Nothing

~~It is significant to note the fact that...~~

~~It is relevant to mention here that the results...~~

~~The findings reported here demonstrated that...~~

The word “Fact”

Replace “This fact” by:

This effect,
This hypothesis,
This observation,
This value,
This phenomenon,
This finding, etc.

The same applies to “Case”

Oooops: The word “work”

M7P1 Lang

“In this paper, detailed characteristics of the hydrated (LPEI/PAA)OEGDA composite are investigated and the reason for its relatively high ionic conductivity is discussed. Morphological effects due to the presence of OEGDA oligomer on the phase transition will also be described.”

Lowman et al., *Langmuir* **2004**, *20*, 9791-9795

M7P2 Lang

“**In the work reported here**, a polyelectrolyte multilayer platform capped by a polyanionic surface was created through layer-by-layer assembly [21] and stamped with a polycationic pattern using POPS, to form docking sites for the negatively charged magnetic beads.”

Lyles et al., *Langmuir* **2004**, *20*, 3028-3031

~~Preliminary
Careful
Obtained
Novel
Successfully~~

Are these words relevant in SW??

Think in English, Write in English

*The method of analysis employed for determination
of the satisfaction of customers was the method
CS1*

Write in English

Better ??

The method used for customer satisfaction determination was the CS1 method.

Write in English

Better

CS1 method was used to determine customer satisfaction.

Write in English

In Scientific Writing:

Customer Satisfaction was estimated by CS1

Lack of a subject

Acid rain is now a worldwide concern. Observed initially in Europe as a form of an acidic rain, also is now observed in the Americas.

Acid rain is now a worldwide concern. Observed initially in Europe as a form of acidic rain, **it** is now also observed in the Americas.

Remember:

It rained a lot yesterday....

One may observe that....

Thus,
In this context,
So,

Go to:

<http://corpus.byu.edu/coca/>

**And check about the use of prepositions in
the following cases:**

Go to:

www.springerexemplar.com

Look for:

**Oxford collocations
dictionary**

VERBS FOLLOWED BY PREPOSITIONS

account	decide	estimate
agree	decrease	exceed
allow	determine	fit
answer	develop	hinder
balance	differ	identify
change	disagree	originate
compare	discern	prepare
connect	discriminate	qualify
convert	distinguish	range
correlate	divide	
correspond	elaborate	

WORDS FOLLOWED BY PREPOSITIONS

abundance	control	enthusiasm	necessary
abundant	convenient	equality	necessity
affinity	correct	equivalent	need
akin	decrease	evidence	opportunity
applicable	deficient	familiar	parallel
appropriate	demand	focus	proficiency
available	dependent	fundamental	proficient
basis	difference	identical	search
capability	different	improvement	sufficient
capacity	disagreement	independent	suitable
cause	discussion	influence	suited
close	disparity	inherent	superiority
common	distinct	intended	test
concern	distinction	level	valuable
consistent	enhanced	method	variation

Commonly Misused Words

To Administer or to administrate?

To administrate: to manage.

A drug is administered.

Ulcers were induced by *administrating* 20% acetic acid.

Ulcers were induced by *administering* 20% acetic acid.

<http://www.inter-biotec.com/biowc/style.html>

Alteration or alternation?

Alternation: occurrence of two things by turns.
Alteration: change.

Cancer is associated with DNA *alteration* or *alternation*?

Common or popular?

Common: widespread

Popular: especially liked or preferred.

Cancer is the most *common* cause of death in....

Cancer is the most *popular* cause of death in....

Soccer is a *popular* sport in Brazil

Soccer is a *common* sport in Brazil

To Describe or to report?

Cases are reported
Patients are described

We describe/report a patient with malaria.

We report/describe a case of malaria.

Analysis or Analyses?

Analysis = Singular

Analyses = Plural

Thermal analyses were carried out using DSC

The infrared spectroscopic analysis was performed....

Reproductive or reproducible?

Reproductive: related to reproduction

Reproducible: can be repeated, reproduced or duplicated.

Results were *reproducible* or *reproductive* in all three experiments.

Eminent, Immanent or Imminent ?

Eminent: Famous, standing out above others

Immanent: Inherent or intrinsic

Imminent: Ready to take place

An *eminent* peak....

A combination of *immanent* properties....

An *Imminent* event will happen soon....

Precede or Proceed ?

Precede: to come before

Proceed: to go forward

Data analysis *precedes* the draft of a well-written paper

Business *proceeded* as usual.

Through, Thorough or Though?

Through: by means of; finished; into or out of

Thorough: careful or complete

Though: however; nevertheless

- Calculations were made *through* computational simulations
- The substrates were *thoroughly* washed with pure water
- Calculations generally agreed with previous results, *though* at least one discrepancy appeared

Hard or Hardly?

Hard: Performed with great diligence or energy:
A project that required years of hard work.

Hardly: Barely; almost not:
I could hardly hear the speaker.

Work hard or work hardly??

Compose or Comprise?

Water is composed of hydrogen and oxygen

Training comprised theoretical and practical classes

Ability and capacity

Ability: Skill

Ex: Hemoglobin has the ability to combine with oxygen.

Capacity: Total amount that something can hold, contain or receive

Ex: The beaker used in distillation had a capacity of 50 mL.

Increase, Enhance and Improve

Increase: To become greater or larger in size, number, degree...

Enhance: To add value or worthy to something already attractive

Improve: To raise to a better quality or condition.

The number of transgenic species increased in the last years.
Computer software enhanced with the advent of Internet.
The treatment improved patient's condition.

Data: A plural, like *phenomena* and *strata*.

William Strunk and E. B. White, *The Elements of Style*

Data: In its current use, *data* occurs in two constructions: as a plural noun (like *earnings*) taking a plural verb...and as an abstract mass noun (like *information*) taking a singular verb...

Merriam-Webster Dictionary of English Usage

Essentials of Writing Biomedical Research Papers by Mimi Zeiger,
Mcgraw-Hill Professional, 2nd Ed, 2000.

<http://www.infoplease.com/ipa/A0200807.html>

Muito Obrigado

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