Template for research article:

# Title……..(fill in the blank)…..……

## Name (First and last name in full) ..................... (fill in the blank)…..…….......................[[1]](#footnote-1)

## Affiliation, City, Country.................(fill in the blank)…..…….............................

**Abstract**

Maximum 250 words here (fill in the blank)

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**Keywords:**Maximum of 8 words (fill in the blank)......................................................................... ............................................................................................................................................................................................................................................................................................................................

1. **Introduction**

Clearly explain the nature of the problem, previous work, purpose, and contribution of the paper ......................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................

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1. **Materials and Methods**

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**Note:** If the research studies involve human subject and/or animals, the author(s) have to declare that “This study was ethically approved by................(name of the ethical approval committee/Institutional Review Board they have obtained consent from) together with approval number/ID (case/permission number.....). If a waiver was obtained, the authors should declare that “All procedures performed in studies involving human participants were in accordance with the ethical standards of the institutional and/or national research committee and with the 2013 Helsinki declaration and its later amendments or comparable ethical standards”.

**2.1 XXXXXXXXXXXXX (11 pt, Bold) (if any)**

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**2.1.1 XXXXXXXXXXXXXX (10 pt, Bold) (if any)**

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| --- | --- | --- |
|  | $$x=\frac{-b\pm \sqrt{b^{2}-4ac}}{2a}$$ | (1) |



**Figure 1.** XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

1. **Results and Discussion**

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**Table 1.**  XXXXXXXXXXXXXXXXXXXXXXXXXXXXX (Spacing: After 6pt)

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Description (10 pt, Spacing: Before 6pt) (if any) …………………………………………………..

**Figure 2.** XXXXXXXXXXXXXXXXXXXXXXXX

1. **Conclusions**

Clearly indicate advantages, limitations and possible applications (10 pt) ....................................................................................................................................................................................................................................................................................................................................................................................................................................................................................

1. **Acknowledgements**

A brief acknowledgement section may be included here (fill in blank) ....................................................................................................................................................................................................................................................................................................................................................................................................................................................................................

**References**

References must be numbered in the order cited in the manuscript and indicated in the text by a number in square brackets (e.g. [1, 2])

**Example of References must be arranged as follows:**

***Books***

Author’s surname(s), Initials., Year. *Title of Book.* Edition. (only include this if not the first edition) Place of publication: Publisher.

*Example:*

[1] Einstein, A. 2019. *Relativity. The Special and the General Theory*. Ghaziabad: Samaira Book Publishers.

***Chapters of edited books***

Chapter author’s surname(s), Initials., Year of book. Title of chapter. In**:** Book editor(s) initials. surnames, ed. or eds. *Title of Book*. Place of publication: Publisher, Chapter number or first and last page numbers.

*Example:*

[2] Smith, J.E., 2006. Public perception of biotechnology. In: C. Ratledge and B.Kristiansen, eds. *Basic Biotechnology*. Cambridge: Cambridge University Press, pp. 3-24.

***E-books***

Author’s surname(s), Initials., Year, *Title of Book*. [e-book] Place of publication: Publisher. Available through: include e-book source/database, web address or URL.

*Example:*

[3] Willey, J., Sherwood, L. and Woolverton, C.J., eds. 2013. *Prescott’s Microbiology*. 9th ed. [e-book] New York: McGraw-Hill. Available through: Libribook website < www.libribook.com>

***Journal articles***

Author’s surname(s), Initials., Year. Title of article. *Full Title of Journal,* Volume number (Issue number), Page numbers, DOI-based link.

*Example:*

[4] Ross, A.B., Junyapoon, S., Jones, J.M., Williams, A. and Bartle, K.D., 2005. A study of different soots using pyrolysis–GC–MS and comparison with solvent extractable material.  *Journal of Analytical and Applied Pyrolysis*, 74*(*1-2*)*, 494-501, https://doi.org/10.1016/j.jaap.2004.11.011*.*

*[5]* Bishop, G.A., Berbari, N.F., Lewis, J., Mykytyn, K., 2007. Type III adenylyl cyclase localizes to primary cilia throughout the adult mouse brain. *Journal of Comparative Neurology*, *505 (5), 562-571.*

**In case of online journal articles without page number**:

Author’s surname(s), Initials., Year. Title of article. *Full Title of Journal,* Volume number (Issue number), DOI-based link.

*Example:*

[6] [Tanasupawat](https://www.microbiologyresearch.org/search?value1=Somboon+Tanasupawat&option1=author&noRedirect=true), S., [Phongsopitanun](https://www.microbiologyresearch.org/search?value1=Wongsakorn+Phongsopitanun&option1=author&noRedirect=true), W., [Suwanborirux](https://www.microbiologyresearch.org/search?value1=Khanit+Suwanborirux&option1=author&noRedirect=true), K., [Ohkuma](https://www.microbiologyresearch.org/search?value1=Moriya+Ohkuma&option1=author&noRedirect=true), M. and [Kudo](https://www.microbiologyresearch.org/search?value1=Takuji+Kudo&option1=author&noRedirect=true), T. 2016. *Streptomyces actinomycinicus* sp. nov., isolated from soil of a peat swamp forest. *International Journal of Systematic and Evolutionary Microbiology*, 66(1), https://doi.org/10.1099/ijsem.0.000716.

**In case of journal articles without DOI:**

Author’s surname(s), Initials., Year. Title of article. *Full Title of Journal,* Volume number (Issue number), Page numbers.

*Example:*

[7] Naknikham, U., Youngthin, I. and Tapasa, K. 2016. *Streptomyces actinomycinicus* sp. nov., isolated from soil of a peat swamp forest. *Thai Journal of Nanoscience and Nanotechnology*, 6(2), 1-8.

***Proceedings***

Author’s surname*(*s*)*, Initials., Year. Title of article. *Full Title of Proceedings*, Place of Conference, Date, pagenumbers*.*

*Example:*

[8] Thanaboripat, D., Ruangrattanametee, V. and Srikitkademwat, K., 2010. Control of growth and aflatoxin production of aflatoxin producing fungi in corn by salts. *Proceedings of the 8th International Symposium on Biocontrol and Biotechnology*, Pattaya, Thailand, October 4-6, 2010, pp. 283-289.

***Patent***

Inventor surname(s), Initial(s)., Assignee, Year. *Title of Patent*. Country. Patent No.

*Example:*

[9] Leonard, Y., Super Sports Limited, 2008. *Tin Can Manufacture and Method of Sealing*. Canada. Patent No. 12,789, 675.

***Dissertation***

Author’s surname, Year of publication. *Title of Dissertation*. Level. Official name of University, Country.

*Example:*

[10] Sukcharoen, O., 2017. *Inhibitory Effect of Plant Essential Oils on Growth and Aflatoxin Production by Aspergillus flavus IMI 242684 and Aspergillus parasiticus IMI 283883.* Ph.D. King Mongkut’s Institute of Technology Ladkrabang, Thailand.

***Websites***

Authorship or Source, Year. *Title of Document*. [online] Available at: include web site address/URL (Uniform Resource Locator).

*Example:*

**[**1**1]** NHS Evidence, 2003. *National Library of Guidelines*. [online] Available at: http://www.library.nhs.uk/guidelines.

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* Tables and Graphs: Minimum of Times New Roman 10 pt
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* Images must be computer-designed with clearly visibility.
1. Corresponding author: Tel.: (+XX) XXXXXXXXX Fax: (+XX) XXXXXXXXX

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