

The active voice promotes simple, straightforward writing. As such, most scientific journals encourage the use of the active voice over the passive voice.

- ★ Active voice the subject acts.
- Passive voice the subject is acted upon.

1 Present tense

- tense often used in the Introduction/Discussion/Conclusion
- Active: Vitamin A *increases* the risk of hair loss.
- Passive: The risk of hair loss is increased by vitamin A.
- ★ Active: Volatile organic compounds (VOCs) emitted from industries and vehicle exhausts can induce a series of environmental problems, including photochemical smog, broken ozonosphere, and environmental pollution.
- ★ Passive: A series of environmental problems, including photochemical smog, broken ozonosphere, and environmental pollution, can be induced by volatile organic compounds (VOCs) emitted from industries and vehicle exhausts.

2 Present tense

- tense often used for Aims
- Active: In this study, we present our design of an electric hot water tank.
- ★ Passive: In this study, a design of an electric hot water tank is presented.
- ★ Active: This study *develops* an efficient methodology to examine a space-time continuous dataset for urban irrigation water use.
- ★ Passive: An efficient methodology to examine a space-time continuous dataset for urban irrigation water use is developed in this study.

Present perfect

- tense often used in the Introduction/Discussion/Conclusion
- Active: Previous studies *have used* comparative analyses of ORF2 sequences to elucidate phylogenetic relationships among different FCV isolates.
- ★ Passive: Comparative analyses of ORF2 sequences have been used in previous studies to elucidate phylogenetic relationships among different FCV isolates.
- ★ Active: Only a small number of empirical studies have focused on the patterns and mechanisms behind disease clusters at small spatial scales, especially in wild host-pathogen systems.
- ★ Passive: The patterns and mechanisms behind disease clusters at small spatial scales, especially in wild host-pathogen systems, have been focused on by only a small number of empirical studies.





- tense often used in the Materials and Methods/Results

- ★ Active: We determined the presence of larvae by dip netting.
- ★ Passive: The presence of larvae was determined by dip netting.
- ★ Active: <u>We evaluated</u> the number of haplotypes (h), haplotypes (Hd), and nucleotides (π) using the DnaSP 5.10 program.
- ★ Passive: The number of haplotypes (h), haplotypes (Hd), and nucleotides (π) **was evaluated** using the DnaSP 5.10 program.
- ★ Active: *We found* a strong correlation between above-ground and below-ground biomass accumulation in Platanus occidentalis.
- ★ Passive: A strong correlation *was found* between above-ground and below-ground biomass accumulation in Platanus occidentalis.

5 When to use the passive voice

You should aim to make the language of your article as reader-friendly as possible. Therefore, it is acceptable to use the passive voice when it is required.

1. To emphasize the product (receiver) rather than the agent (performer)

The risk of hair loss [product] is increased by vitamin A [agent].

2. To keep the subject and focus consistent throughout a passage Female pattern hair loss [focus] is common, but estimates of its prevalence have varied widely. The risk of female pattern hair loss [focus] is increased by vitamin A.

3. If you do not wish to name the subject

The procedures were somehow misinterpreted.

4. To describe a condition in which the actor is unknown or unimportant

Every year, thousands of people are diagnosed with cancer. Sources and further reading

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