



# PaperRater

Abstract— The goal of a drug traceability system is to track or trace where a drug has been and where it has gone along the drug supply chain, which is critical for public drug security and pharmaceutical company business. Traditional centralized server-client technical solutions have failed to meet expectations in terms of data integrity, privacy, system resilience, and adaptability. For drug traceability, we've proposed a totally new blockchain system. This solution is more secure and scalable than other options currently available. Furthermore, the suggested system can prune its storage effectively, resulting in a robust and useable blockchain storage solution. Keywords— Blockchain, drug counterfeiting, traceability, healthcare, supply chain, trust,... (only first 800 chars shown)



**Analysis complete.** Our feedback is listed below in printable form. Some of the items have been truncated or removed to provide better print compatibility.



## Plagiarism Detection

### Original Work

**Originality:** 94%



**It looks like this paper is original,** but check that un-original text is cited accordingly.

The following web pages may contain content matching this document:

<https://papers.ssrn.com/sol3/papers.cfm?abstrac...>

[https://journal-dogorangsang.in/no\\_2\\_Online\\_22/...](https://journal-dogorangsang.in/no_2_Online_22/...)

[https://papers.ssrn.com/sol3/Delivery.cfm/SSRN\\_...](https://papers.ssrn.com/sol3/Delivery.cfm/SSRN_...)

More info on our originality scoring process (<http://www.PaperRater.com/page/plagiarism-detection>) .

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## Word Choice

### Usage of Bad Phrases

**Bad Phrase Score:** 0.92 (lower is better)

The Bad Phrase Score is based on the quality and quantity of trite or inappropriate words, phrases, egregious misspellings, and cliches found in your paper. You did equal or better than **98%** of the people in your grade.



**Great work - your score is well above average!** Continue choosing quality phrases in your writing.



## Usage of Transitional Phrases

### Transitional Words Score: 70

This score is based on quality of transitional phrases used within your paper. You did equal or better than **59%** of the people in your grade.



**Good job!** Your usage of transitional phrases is above average. Nevertheless, you may still benefit from reading the info below.

One sign of an excellent writer is the use of transitional phrases (e.g. therefore, consequently, furthermore). Transitional words and phrases contribute to the cohesiveness ([http://www.PaperRater.com/vocab\\_builder/show/cohesiveness](http://www.PaperRater.com/vocab_builder/show/cohesiveness)) of a text and allow the sentences to flow smoothly. Without transitional phrases, a text will often seem disorganized and will most likely be difficult to understand. When these special words are used, they provide organization within a text and lead to greater understanding and enjoyment on the part of the reader.

The following transitional phrases were found in your document:

and, since, especially, finally, at the same time, to illustrate, thus, likewise, however, in fact, particularly, aside from, rather, furthermore

Consider using additional transitions where appropriate:

- consequently ([http://paperrater.com/vocab\\_builder/show/consequently](http://paperrater.com/vocab_builder/show/consequently))
- moreover ([http://paperrater.com/vocab\\_builder/show/moreover](http://paperrater.com/vocab_builder/show/moreover))
- nevertheless ([http://paperrater.com/vocab\\_builder/show/nevertheless](http://paperrater.com/vocab_builder/show/nevertheless))
- notwithstanding ([http://paperrater.com/vocab\\_builder/show/notwithstanding](http://paperrater.com/vocab_builder/show/notwithstanding))
- accordingly ([http://paperrater.com/vocab\\_builder/show/accordingly](http://paperrater.com/vocab_builder/show/accordingly))
- conversely ([http://paperrater.com/vocab\\_builder/show/conversely](http://paperrater.com/vocab_builder/show/conversely))
- ordinarily ([http://paperrater.com/vocab\\_builder/show/ordinarily](http://paperrater.com/vocab_builder/show/ordinarily))

These words and phrases fall under a few grammatical categories:

- Conjunctions: *but, provided, and, although*
- Prepositional phrases: *in addition to, in conclusion*
- Adverbs: *also, however, nevertheless*

Consider this example:

Form and function are central themes in Biology. **However**, knowing the structure of something does not necessarily reveal its function.

The word '**however**' contributes to greater unity or cohesion between sentences and allows the text to flow more smoothly.



## Sentence Length Info

**Total Sentences:** 53

**Avg. Length:** 23.7 words

**Short Sentences** (< 17 words): 10 (19%)

**Long Sentences** (> 35 words): 6 (11%)

**Sentence Variation:** 8.5 words (std deviation)



It is important to vary between simple and complex sentences (<http://blog.paperrater.com/2015/05/effective-use-of-sentence-length.html>) , which you seem to have done quite well.

Line chart of the length of each sentence (first 50 sentences). A jagged chart indicates variation.



Helpful Resources:

- Effective Use of Sentence Length (<http://blog.paperrater.com/2015/05/effective-use-of-sentence-length.html>)

## *Vocabulary Words*

### Usage of Academic Vocabulary.

**Vocabulary Score:** 599.88

This score is based on the quantity and quality of scholarly vocab words found in the text. You did equal or better than **99%** of the people in your grade.



**Vocabulary Word Count:** 140

**Percentage of Vocab Words:** 15.83%

**Vocab Words in this Paper** (top 20):

enacted, stakeholders, utilised, framework, decentralised, decentralized, fundamentally, disseminated, provenance, intrinsic, traceability, critical, pharmaceutical, centralized, adaptability, proposed, scalable, effectively, robust, counterfeiting



Your knowledge of refined language is magnificent. Visit our **Vocab Builder** ([http://www.PaperRater.com/vocab\\_builder/index](http://www.PaperRater.com/vocab_builder/index)) to expand your internal dictionary even more.

### **Tips**

Whether you are writing for a school assignment or professionally, it is imperative that you have a vocabulary that will provide for clear communication of your ideas and thoughts. You need to know the type and level of your audience and adjust your vocabulary accordingly. It is worthwhile to constantly work at improving your knowledge of words. To help with this task, please consider using our **Vocabulary Builder** ([http://www.PaperRater.com/vocab\\_builder/index](http://www.PaperRater.com/vocab_builder/index)) to improve your comprehension and usage of words.