Let's have a look at <u>our first document on carpal tunnel syndrome</u> and spot out relevant expressions to introduce the notions in your research paper :

« Introduction and objective:

<mark>The objective of this research is to enhance</mark> the awareness of carpal tunnel among medical professionals and individuals engaged in sports. <mark>The acquired knowledge will enable</mark> medical professionals to more effectively identify, treat, and prevent issues related to carpal tunnel. <mark>Additionally,</mark> individuals engaged in sports will be able to prevent the occurrence of carpal tunnel syndrome in themselves or their pupils, thereby allowing them to engage in long-term and safe physical activity. »

Litterature Review: Useful expressions

The literature review section of your research paper should include the following:

- Previous literature
- Limitations of previous research
- Research questions
- Research to be explored

1. Previous literature

The literature review shows that __
Previous research showed __
Seminal contributions have been made by __
A series of recent studies has indicated that __
Several theories have been proposed to __, some focusing on __, others on __
There has been numerous studies to investigate __
This has been used in several studies to assess __
Previous studies have shown __
Several studies suggest that __
This has also been explored in prior studies by __
Prior research suggests that __
Previous studies have emphasized __
The majority of prior research has applied __
Most early studies as well as current work focus on __
For instance, the following studies were conducted on __
Studies of __are well documented, it is also well acknowledged that __
A number of authors have recognized __
Some authors have also suggested that __
Some authors have driven the further development of __
This has been discussed by a great number of authors in literature.
For example, research has provided evidence for __
The authors bring some information about the background of the problem, __
As has been previously reported in the literature, __
A large number of existing studies in the broader literature have examined __
The literature review shows that __
There exists a considerable body of literature on __
In short, the literature pertaining to __ strongly suggests that __
Over time, an extensive literature has developed on __
This section presents a review of recent literature on __
This paper begins with a short review of the literature regarding the __
Several methods are reported in the literature to address this issue.
There is a wide choice of __ available in the literature.
This section reviews the literature related to __
It was reported in literature that __
A recent study by __ concluded that __
In the light of reported __ it is conceivable that __
The method introduced by __ has the advantage that __
One method employed by __ is __
A more comprehensive description can be found in __
For example, recent research suggests that __
This was successfully established as described by __
The author employed a __ methodology which prescribes the use of __

2. Limitations of previous research

A number of questions regarding __ remain to be addressed.
A closer look to the literature on __, however, reveals a number of gaps and shortcomings.
This question has previously never been addressed because__
Most studies have relied on __
Previous studies by __ cannot be considered as conclusive because __
Previous studies have almost exclusively focused on __
This has been previously assessed only to a very limited extent because __
In the present studies __ were constrained to __
In previous studies were limited to __
Although results appear consistent with prior research, they appear inconsistent with __
These are previously unstudied because __
As far as we know, no previous research has investigated __
Moreover, although research has illuminated __ no study to date has examined __
Despite decades of research, this continues to be debated among __
This section points out some of the problems encountered in the extant research.
Although there are many studies, the research in __ remains limited.
However, the existing research has many problems in representing __
The literature on __ is less consistent
Historically, there has been a great deal of confusion in the literature regarding __
This approach remains briefly addressed in the literature.
These are rarely analyzed in the literature as __
There are key questions and notions that are still not discussed in the literature __
This is not clearly presented in the literature because __
This paper addresses the need for __, so far lacking in the scientific literature.
To fill this literature gap, this paper identifies __
Only a few works in literature demonstrate __
Although studies have been conducted by many authors, this problem is still insufficiently explored.
To our knowledge, no prior studies have examined __
However, the existing research has many problems in __
Therefore, important issue in the literature is __
However, we argue that previous literature suffers from certain weaknesses: __
Previous research can only be considered a first step towards a more profound understanding of __
The previous studies reveal that __ are usually the most problematic to __

3. Research questions

More specific research questions will be introduced and investigated in __
A further question is whether __
Finally, another promising line of research would be __
The study addresses several further questions on __
Some of the interesting questions in this context are __
In order to address the questions outlined above, we report here __
These questions are of central interest as much recent research in __
Furthermore, __ is arguably an important question to be addressed.
The question now is how __ can be used to explain __
Study addresses the research question __
In order to properly address this question, we __
An important question associated with __ is __
A critical open question is whether __
A still unsolved question is whether __
This remains an open question as __
This question has previously never been addressed because __
This study offers a test of __ research question
Study addresses the research question __

Even in general __ research strategies is needed to explain __
The researcher should be interested here in __
Many questions remain unanswered __
There are some potentially open questions about the validity of __
The question that then naturally arises is __
The question then becomes how best to define__
This was an important question to study as __

4. Research to be explored

A more systematic and theoretical analysis is required for __
As the authors note earlier, more work is necessary to__
Additional studies to understand more completely the key tenets of __ are required.
The unexpected findings signal the need for additional studies to understand more about __
This paper addresses __, so far lacking in the scientific literature.
A new approach is therefore needed for __
One of the tough challenges for all researchers in this domain is __

Writing your research paper

Source : https://www.ref-n-write.com/blog/introduction-section-academic-phrases/

The introduction section of your research paper should include the following:

- General introduction
- Problem definition
- Gaps in the literature
- Problems solution
- Study motivation
- Aims & objectives
- Significance and advantages of your work

1. General introduction

Research on __ has a long tradition
For decades, one of the most popular ideas in __ literature is the idea that __
Recent theoretical developments have revealed that __
A common strategy used to study __ is to __
This research constitutes a relatively new area which has emerged from __
These approaches have been influential in the field because of __
In the past several decades, __ have played an important role in __
There are growing appeals for __
This is the field of study that deals with __
Most of the theories of __ are however focused on explaining __
There are three major theoretical and conceptual frameworks for __
The field has gradually broadened as __
This field of study is sometimes referred as __
This has been widely adopted in the field of __

This thesis considers the field of __ as the main subject of its study

One of the major topics to be investigated in this field is __

This is now a mature field which is now being spun out into commercial applications __

This field is maturing, with a wealth of well-understood methods and algorithms __

This field closely follows the paradigm of __

The field has met with great success in many problems __

The field only really took off in the late __ as it became more accessible to __

This is not particularly new and has been used for many years in the field of __

This field closely follows the paradigm of __

Widely considered to be a good way to __

This has been widely adopted in the field of __

This is more widely used at the time of __

This phenomenon has been widely observed

A common technique is to __

This is a technique common in __

There are several common kinds of __

2. Problem definition

This seems to be a common problem in __

This leads to myriad problems in __

The main problem is that __

There is a further problem with __

One primary problem with __ is that __

The methods are not without their problems as will be discussed in __

The foremost problems are the facts that __

This makes up for the problem of __

This seems to be a common problem in __

This is a complex problem and to simplify it requires __

A challenging problem which arises in this domain is __

These problems are difficult to handle __

This is typically a complex problem __

A well-known problem with __ is that it does not take into account the __

One of the problems is that it considers only the __

The key problem with this technique is __

It is usually an ill-posed problem in the case of __

This problem is well-posed and does not require to impose __

This appears as a more straightforward problem compared to the __

This turns out to be even more problematic because __

The problem with such an implementation is that __

This poses some problems when carrying out the __

This problem has attracted more attention in the field of __

This is a basic chicken-and-egg problem because __

Unfortunately, this approach results in problems related to __

These constraints make the problem difficult to __

Most of the research in this field is aimed at solving this problem.

This remains an open problem in the area.

This problem has received substantial interest.

These examples highlight the problem that __

The main practical problem that confronts us is __

3. Gaps in literature

 There is no previous research using __ approach.

As far as we know, no previous research has investigated __

There has been less previous evidence for __

Other studies have failed to __
To our knowledge, no study has yielded __
No study to date has examined __
Only a few studies have shown __
However, __ has rarely been studied directly.
Moreover, few studies have focussed on __
In particular no study, to our knowledge, has considered __

4. Problems solution

One way to overcome these problems is to __
There are many alternative methods are available for solving these problems.
In order to rectify the problem of __
A solution to this problem is proposed in __
One approach to solve this problem involves the use of __
An alternative approach to the problem is __
This can be applied to solve these problems.
A number of works have shown that this problem can be overcome by using __
A large number of alternative approaches have been developed over the last few decades to __
To overcome this problem, in the next section we demonstrate __
One way to overcome this problem is to __
To overcome this problem, some approaches have been made __
One way of recovering from this problem could be to __
This has been proposed to surmount the problems caused by __
A different approach to the traditional problem is given in __
A whole range of different approaches to the problem are available.
These techniques have potential to solve contemporary problems in __
We should tailor specific solutions to specific problems __
The standard solution to the problem is based on __
The solution proposed here addresses only the problem of __
There are techniques that have been developed to solve this problem __
This problem is usually overcome by __
There have been several attempts to solve the problem __
There exist many methods for dealing with this problem __
Broadly speaking, the problem can be addressed by __
One of the simplest ways of tackling this problem is __
This problem has been largely studied and many viable solutions have been found.
In general, this problem can be tackled in two different ways.
Other approaches have been shown to cope with the problem more efficiently.
We will review the main approaches to solve this problem.
Recently, a more general solution has been proposed for this problem.
Both these works provide a solution to the problem.
Recent methods focus on overcoming the problems by proposing different schemes for __
This strategy is not uncommon in this kind of problems.
We can apply our algorithm to solve this difficult problem.
This is how the problem can be tackled __
We have developed this generic method to solve a variety of problems.
We will now demonstrate our method on some specific problems.
Here we solve several problems simultaneously.
We have undergone a rethinking of the problem by __
A possible solution to the problem at hand is __
It is clear that the problem could be easily tackled by __

5. Study motivation

It is of interest to know whether __ still hold true.
It would be of special interest to__
We therefore analyzed __ and investigated whether __
For this study, it was of interest to investigate __
We investigated whether __ can be partly explained by __
To examine the impact of __, we tested __
We have investigated the effect of __
We characterize different aspects of __
One way to investigate __ was to __
A new approach is therefore needed for __
To illuminate this uncharted area, we examined __

6. Aims & objectives

The aim is to develop more sophisticated methods for __
The aim of this work is to develop __
The aims in this chapter are twofold: First __, Second __
For our first goal, we focus on two problems __
The aim here is to investigate __
The overall goal of this work was to __
This project aims to develop an overarching framework to __
The aim of the experiment is to compare __
The ultimate goal is to produce a __
The overall goal of this thesis was to pursue __
After defining the problem we explain the goals of the thesis.
With this aim in mind, in this paper we present a new method for __
Our research aims at finding a solution for this challenging problem of __
There is no overall goal, apart from __
We examine some previous work and propose a new method for __
There are too many simultaneous goals making it difficult to __
One of the major aims of this work was to create __
The main objective is to investigate methods for improving __
The objectives can be restated in the light of __
The objective is to devise and implement a system for __
The objectives were partially met by developing a method to __
The objective is to demonstrate the feasibility of __
One of the objectives is to improve the __

7. Significance and advantages of your work

This thesis documents several key contributions made to the fields of __
This thesis has made a number of significant contributions to the field of __
The contributions made here have wide applicability.
The contributions made should be of wide interest.
The first main contribution proposed in this field is a __
The contributions of this work are presented as follows: __
The main achievements, including contributions to the field can be summarised as follows: __
We summarize the main contributions of this thesis.
The key contribution of this work is the solution it provides __
It has numerous advantages as explained here __
It has significant benefits in terms of __
There is a clear advantage in following the methods of __
This has particular advantages over other __
All of these advantages make it particularly valuable in __

One of the primary benefits of this algorithm is __
This gives a significant advantage because __
These point out the advantages and practicability of __
One of the key benefits of the algorithm is __
The main advantage compared to previous method is __
This present some practical advantages.
The main advantage is the simplified pattern.
One practical advantage of the method is that it can be used in __
The advantage becomes all the more significant when __
In comparison with other techniques, this method has the advantage of __
The most important advantage of this method is that it can perform very well in __
It yielded significant speed advantages when __
The benefit of using the __ is expected to __
The main advantage is that we are able to __
To give some idea of the benefits of this method __
The additional advantage of using this method is that it results in __
This is an important advantage of this algorithm __
These are the main advantages of this method.