WriteWise is an intelligent AI-driven software that meticulously helps researchers write and review research articles, focusing on everything from sentence construction to the specific rules of grammar and spelling in academic texts. WriteWise is used in over 20 universities ranked among the top 50 in Latin America. In addition to helping researchers, WriteWise helps universities by increasing academic metrics through a unique, specific action and implementation plan tailored to each university.

Institution: **Universidad de Concepcion (UdeC)**
Country: **Chile**

University Website

Vice-Rectorate for Research and Development Website

Benefits for the Office of Research and Artistic Creation at the **Universidad de Concepción**

52 investigators published 60 research articles in a period of 8 months using WriteWise and the software's action and implementation plan tailored to UdeC:

Key Results

✓ **72%** of publications were **Q1** and **Q2** per **the Web of Science (WOS).**

✓ **90%** of publications were in **Q1** and **Q2** journals indexed in **Scopus.**

✓ **90%** of publications were in **Q1** and **Q2** journals indexed in **SCImago.**

Dr. Ronald Mennickent, Director of Research and Artistic Creation at the Universidad de Concepción, highlights that:

"Our aim is for our researchers to gain improved communication skills that will permit them to share their scientific results at a higher level and in better specialized journals. WriteWise has been very well received by our research faculty, such that the demand for licenses has exceeded initial expectations and availability. This is why we will do a similar call for participation during the second semester of 2021 and in 2022 – to provide WriteWise licenses to those initially unable to participate in the initiative."

The case for the Office of Research and Artistic Creation at the Universidad de Concepción

The Universidad de Concepción (UdeC) is a nationally and internationally recognized university. UdeC is a reference in Latin America as one of the best in the region and is recognized for its cutting-edge research and productivity metrics. These metrics speak for themselves:

- ➢ 11th place in Latin America in the QS World University Rankings

- ➢ 4th place in Chile per the QS World University Rankings and the Shanghai Ranking

- ➢ 1,271 articles and reviews published in WOS – Core Collection

- ➢ 99 articles and reviews published in WOS – Emerging Sources Citation Index

- ➢ 1,392 articles and reviews published in Scopus

- ➢ 203 articles and reviews published in SciELO

- ➢ All the previously mentioned publications were achieved during 2020.

Prof. Ronald Mennickent, PhD
Director of Research
Universidad de Concepción

Mrs. Vania Luksic
Project Administrator
Universidad de Concepción

Despite these impressive metrics, a vast number of researchers still need help during the "pre-peer review" review process to increase the chances of publication. Dr. Ronald Mennickent, Director of Research and Artistic Creation at the Universidad de Concepción, states:

"This initiative is for all our researchers that need specialized help in writing research articles, both in English and Spanish. It focuses on equipping them with the necessary skills to enhance their scientific productivity. Access to this software will be specifically for those researchers who were not awarded Fondecyt grants, in addition to post-doctorate researchers. For these groups, we hope to facilitate their investigative labors through new and more advanced capabilities and tools. Our aim is that our researchers gain better skills for communicating their scientific results at a higher level and in the best specialized journals."

The virtual reviewer that supports researchers in publishing

We spoke with Prof. Ronald Mennickent about how this group of researchers could quicken and increase their chances of a scientific article being published in a specialized high-impact journal. This led to the presentation of an action plan for the use of WriteWise to improve research outcomes and lead to publications in high-impact journals.

"For the Vice-Rectorate of Research and Development (VRID), we are satisfied to offer our faculty access to the WriteWise platform, which aids in perfecting the abilities of scientific writing and in identifying structure and content idiomatic of a good scientific article. The prestige of WriteWise is internationally recognized, and we trust that it will be an excellent tool for advancing the academic careers of our researchers," states Prof. Mennickent.

WRITE WISE

Improvement plan for the publication of research articles

A program was planned jointly with the Office of Research and Artistic Creation, and a specific action strategy was created related to the objectives to achieve with UdeC researchers. This was based on the Action and Implementation Plan for universities:

1 — **The right participants were selected**; specifically, researchers that had 100% of their investigative results and that had their first draft written. This meant they were ready for the process of revision. A total of 52 researchers from distinct disciplinary areas were selected.

2 — The chosen researchers were then trained to use **WriteWise**, and usage was monitored. This allowed UdeC to track the progress of each researcher. Furthermore, researchers were **supported weekly** with Q&A sessions. These sessions allowed researchers to resolve any doubts about how to use the software and how to get the most out of using it.

3 — Based on the progress of the researchers, **decisions were made** in conjunction with the Office of Research and Artistic Creation team **to improve and accelerate the results of the program**.
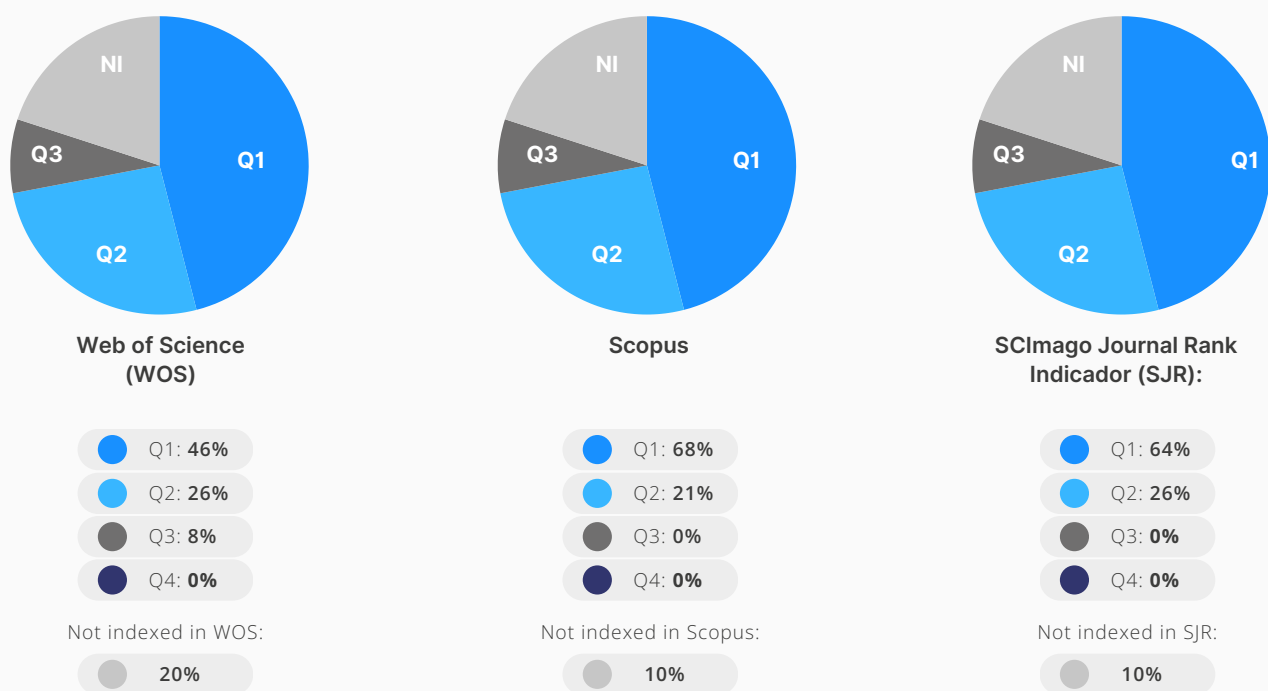
4 — This process of monthly monitoring and decision-making lasted for a **period of 8 months (March 2021 to October 2021)**.

Specific outcomes for the publication of research articles

After the program period with the use of WriteWise, 52 researchers had achieved a notable success of publishing 60 research articles over a total period of 8 months (see some of these publications in the Annex). This was thanks to the Action and Implementation Plan, adapting the use of the software precisely to the needs of UdeC. Specifically, the distribution of publications in different quartiles of the primary indexes was as follows:

Web of Science (WOS)

- Q1: **46%**
- Q2: **26%**
- Q3: **8%**
- Q4: **0%**

Not indexed in WOS:

20%

Scopus

- Q1: **68%**
- Q2: **21%**
- Q3: **0%**
- Q4: **0%**

Not indexed in Scopus:

10%

SCImago Journal Rank Indicador (SJR):

- Q1: **64%**
- Q2: **26%**
- Q3: **0%**
- Q4: **0%**

Not indexed in SJR:

10%

Impact of WriteWise for researchers and for the Office of Research and Artistic Creation at UdeC.

The Office of Research and Artistic Creation team highlighted the impact of WriteWise for their researchers:

"WriteWise has been very well received by our research faculty, such that the demand for licenses has exceeded initial expectations and availability. This is why we will do a similar call for participation during the second semester of 2021 and in 2022 – to provide WriteWise licenses to those initially unable to participate in the initiative," says Prof. Ronald Mennickent, Director of Research and Artistic Creation.

"WriteWise is a very novel and useful tool since, as the author advances in writing their article, the software provides new grammar and vocabulary suggestions appropriate to the scientific context. This is in addition to giving guidance on the structure and elements needed in a paper. The program [was built] by analyzing and obtaining patterns from a large number of prestigious, world-class articles; these insights are then provided to writers accessing the [WriteWise] platform. Therefore, the tool ensures that the language, grammar, and structure of the paper being written are very similar to articles that have already been successful," states Vania Luksic, Project Engineer.

WRITE WISE

Launched in 2020, **WriteWise is an internationally awarded software that has been used in more than 20 universities in Latin America**. This achievement is due to the excellent results and significant impact that WriteWise has for researchers. For universities, the unique Action and Implementation Plan ensures that integration is fit for each university.

Developed by researchers for researchers, WriteWise is the most complete solution available today to write, revise, and edit research articles.

WriteWise can achieve this through the application of cutting-edge AI models together with applied linguistic theory specific to academic discourse.

Are you interested in optimizing the time of your researchers and increasing scientific productivity in your university?

Schedule a free introductory video call today.

In this call, we can evaluate the specific case of your university, particularly the problems you want to overcome and the needs you want to achieve for your researchers. Based on this call, we will present you with an Action and Implementation Plan for WriteWise. This plan is personalized and specifically designed for each university.

Take your university to the next level:

Contact Sales

✉ **sales@writewise.io**

for more information <u>visit our website</u>

WRITE WISE

Institution: Universidad de Concepcion (UdeC)
Country: Chile

🌐 **University Website**

🌐 **Vice-Rectorate for Research and Development Website**

11° PLACE

in Latin America per the QS World University Ranking

QS WORLD UNIVERSITY RANKINGS

4° PLACE

in Chile per the QS World University Ranking

WEB OF SCIENCE

1271
WOS publications during 2020

Scopus

1392
articles and reviews in Scopus – 2020

SciELO

203
articles and reviews in SciELO – 2020

Dr. Gabriela Sánchez-Sanhueza, of the Department of Restorative Odontology of the Faculty of Odontology, published **2 research papers** in Nanomaterials and The Saudi Dental Journal. Following is an associated publication:
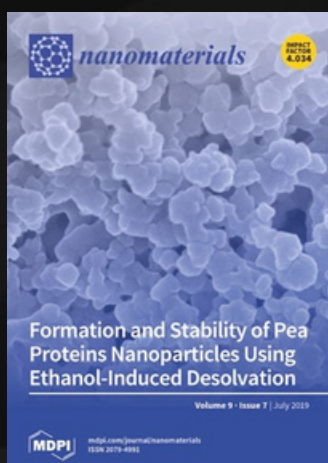
Gabriela Sánchez-Sanhueza, PhD:

Sánchez-Sanhueza, G. et al., 2021. *Nanomaterials*

🌐 **Review Document**

🌐 **Review Profile**

Formation and Stability of Pea Proteins Nanoparticles Using Ethanol-Induced Desolvation

Volume 9 · Issue 7 | July 2019

WEB OF SCIENCE
Impact Factor: : 3.576
Q1: Analytical

Scopus
CiteScore: 5.8
Q2: Instrumentation

SCImago
SCImago Journal Rank Indicator: 0.64
Q1: Electronic Engineering, Instrumentation

Gabriela Sánchez-Sanhueza, PhD

*"I had a few publications pending since December of last year...and the application **allowed me to do a good revision, particularly of English grammar; the article was accepted in just a few months and with minor revisions, and in a good journal – Q1 for us and number 15 for odontologists**. I also presented at the American Conference on Endodontics, and again [WriteWise] facilitated a good review of my presentation, of how the English was. It is a very good tool, **because it gives you peace of mind when sending articles to important journals, knowing they will not reject it based on English quality.**"*

WRITE WISE

Dr. Claudio Aguayo, of the Department of Clinical and Immunological Biochemistry, published **3 research articles** in the Journal of Materials Science, Colloids, and Surfaces B: Biointerfaces. Following is an associated publication:
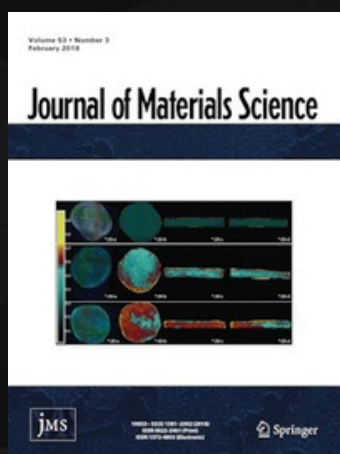
Carlos Aguayo, PhD:

Aguayo, C. et al., 2021.
Journal of Materials Science

🌐 **Review Document**

🌐 **Review Profile**

Journal of Materials Science

WEB OF SCIENCE
Impact Factor: : 4.220
Q1: Materials Science

Scopus
CiteScore: 6.7
Q2: Mechanical Engineering

SCImago
SCImago Journal Rank
Indicator: 0.81
Q1: Mechanical Engineering

Carlos Aguayo, PhD

"You know, we have to write in English, and we don't have technical or basic education in this language, so we have had to learn alone, missing a lot of detail. In my case, I absolutely recommend WriteWise. For every person in the research world and that writes research articles, it is highly recommended to have tools of this type; tools that aid you, that support you, and that improve the quality of what you write."

WRITE WISE

ANNEX

Find all the details and evidence that substantiate this case study on the following pages. Click on the links to see samples of the scientific articles published and the Research Gate profiles of the researchers.

Dr. Carlos Delgado-Fuentealba, of the School of Business and Administration, published **3 research articles** in the International Journal of Emerging Markets, Brazilian Administration Review, and the Journal of Economic Psychology. Following is an associated publication:

Carlos Delgado-Fuentealba, PhD:

Delgado-Fuentealba, C. et al. 2021. *International Journal of Emerging Markets*

Review Document

Review Profile

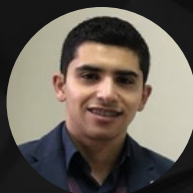|	
WEB OF SCIENCE	Impact Factor: : 2.448 Q1: Management and Accounting
Scopus	CiteScore : 2.7 Q2: General Business
SCImago	SCImago Journal Rank Indicator: 0.43 Q1: Business and International Management

Carlos Delgado-Fuentealba, PhD

*"**I have taken advantage of this software to the maximum extent possible**, since it has allowed me to get another vantage point in writing scientific articles. It allows me to get clarity about the study I am working on. So, I can alternate with the phrases it recommends. It provides me with an ordered structure, which is what I needed. Of course I recommend this software, because it helps a lot, **particularly since there is a notable improvement in scientific grammar and structure, leading to a well-written, presentable paper.**"*

ANNEX

Find all the details and evidence that substantiate this case study on the following pages. Click on the links to see samples of the scientific articles published and the Research Gate profiles of the researchers.

Dr. Yasmany Prieto, of the Department of Electrical Engineering, published **1 research article**, in IEEE Access. Following is the associated publication:

Yasmany Prieto, PhD:

Prieto, Y. et al., 2021.
IEEE Access

🌐 **Review Document**

🌐 **Review Profile**

WEB OF SCIENCE	**Impact Factor: : 3.367** **Q1: Telecommunications**
Scopus	**CiteScore : 4.8** **Q1: General Engineering**
SCImago	**SCImago Journal Rank Indicator: 0.59 Q1: Computer Science**
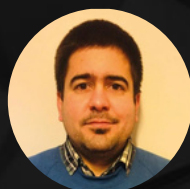
Yasmany Prieto, PhD

"*The software has provided me with good suggestions for the substitution of words and the detection of long sentences. I initially used it to finish writing an article, and I am now waiting for the journal, in the case of being accepted, to implement corrections. I feel like the software is a winner and provides very useful tools.*"

WRITE WISE