

## EXAMINATION OF FEMALE TEACHER AND PROFESSIONAL DEVELOPMENT CONCEPTS IN SCOPUS DATABASE IN TERMS OF VARIOUS VARIABLES

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### ABSTRACT:

Today, change and development are experienced in every field. In the changing world, individuals have to improve themselves. Professional development of individuals is important under competitive conditions. Starting from this important point, the subject of professional development of female teachers has been discussed in various studies.

In our research, it is aimed to examine the researches on the professional development of female teachers. In this study, the researches made in the last twenty years in the fields of female teachers and professional development concepts in the Scopus database were examined. As a result of this examination, 50 pieces of data were reached and findings were revealed through various variables.

As a result of the research, the most research in the fields of female teachers and professional development; In terms of year published, in 2017 and 2019, in terms of form, in social sciences, in terms of field, the universities with the most publications are Arizona State University and An-Najah National University with 2 publications, the authors with the most publications with 2 each. Baker, D., Krause, S, and Roberts, C, and the country with the most publications was the United States of America.

**Keywords:** Female teachers, Professional Development, Scopus, Education

### INTRODUCTION

Eğitim sürecindeki öğrencilerde eğitim öğretim ön plana yönelik eğitimler (Seferoğlu, 2001). Mesleki gelişim, profesyonellerin mesleklerinde; teknik, yasal, teorik ve sosyal olarak kabul edilmektedir (Murphy ve Calway, 2008, 425).

Toplumun toplumların eğitimi oldukları en önemli faktörlerine yönelik eğitimin kalite iletmektedir (2013). Toplumların yetiştirilmesi için yetiştirilmek üzere yetiştirilmektedir. Okullarda eğitimlerini öğrenme ve gelişmelerini mümkün kılan en önemli öğrencidir (Altan öğretmendir, 2014). Öğretim faaliyetinden sorumlu olan kişilere öğretmenler. Öğretmenin yetiştirilmesine yönelik faaliyetlerde bulunmaktadır. Bunun için alan bilgisi, bilgi ve beceri vb. yeterli olması gerekir (Toprakci, 2012). Öğretmenlerin yetiştirilebilirliğinde, alan derinleştirilebilir, alanıyla ilgili öğülden okul olur, okulların standartlarıyla uyumlu hale getirir (Reese, 2010).

Professionally trained teachers can provide positive learning conditions for their students. The role of the teaching profession in the development of the country is known by all societies today. Researches in the field of developing the teaching profession show that professional development is a necessity for the proper conduct of this profession and for raising the quality of education in schools (The Holmes Group, 1996). Roberts & Dyer (2004) revealed that both traditionally certified teachers and teachers who have received teaching certification in different ways need professional development in the context of career development.

Although women develop themselves at the same rate as men in line with their professional development. In the researches, the rate of women shows a significant decrease, especially as one moves to the upper levels of the organizational hierarchy. Numerous studies (Çekten, 2005; Gündüz, 2010; İnandı & Tunç, 2012; Altınkurt & Yılmaz, 2012) reveal that school administrators are mostly men and that the ratio of women decreases as they go to the upper levels of education administration.

### Purpose and Sub-Aims of the Research

The main purpose of the research is to examine the researches made in the last 20 years in the context of female teachers and professional development and compare the published publications in various dimensions. In order to achieve this aim, answers to the following questions were sought:

When the studies published in the scopus database between 2001-2021 using the concepts of "female teacher" and "professional development" are examined;

- 1- In which year was the most published?
- 2- According to which subject area were the documents published the most?
- 3- Which universities publish the most?
- 4- Who are the researchers who publish the most?
- 5- Which countries broadcast the most?
- 6- Which type of scientific publication (book, thesis, article) is mostly included?

In order to achieve the purpose of the research, the Scopus database was entered and all publications using the concepts of "female teacher" and "professional development" in the last 20 years were revealed.

### Method

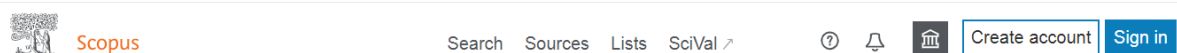
The scanning method was used in the examination of the studies published in 2001-2021 using the concepts of "female teacher" and "professional development" in the Scopus data ceiling. The data of the research were obtained by using the document analysis method, which is a qualitative research method. Qualitative research; It is a type of research in which qualitative data collection methods such as observation, interview and document analysis are used, and a process for revealing perceptions and events in a natural environment in a realistic and holistic manner is followed (Yıldırım & Şimşek, 1999). "Qualitative research allows the researcher to access the data source directly. It provides detailed descriptions that will provide a deep understanding of the context and facts, and makes convincing generalizations based on the information obtained by synthesizing" (Büyüköztürk, 2011).

In order to analyze the documents using the concepts of "female teacher" and "professional development" published in the Scopus database in 2001-2021, a total of 50 publications were reached as a result of the literature review in this research. Each scientific publication was examined in terms of year, subject area, university, researcher, country and scientific publication type.

### Data Collection and Analysis

Within the scope of the literature review on female teachers and professional development, firstly, predetermined key concepts (female teacher, professional development) were entered into the Scopus database. In addition to these concepts, scanning is limited with the last 20 years limit. As a result of the limitation, it is seen in table 1 that 50 data were reached. The obtained data were evaluated. Then, the collected literature information was evaluated and the translation of English sources into Turkish was used. The literature information obtained within the scope of the study was analyzed and then integrated with each other.

**Table 1:**



### 50 document results

TITLE-ABS-KEY ("female teacher" "professional development") AND (LIMIT-TO (PUBYEAR, 2021) OR LIMIT-TO (PUBYEAR, 2020) OR LIMIT-TO (PUBYEAR, 2019) OR LIMIT-TO (PUBYEAR, 2018) OR LIMIT-TO (PUBYEAR, 2017) OR LIMIT-TO (PUBYEAR, 2016) OR LIMIT-TO (PUBYEAR, 2015) OR LIMIT-TO (PUBYEAR, 2014) OR LIMIT-TO (PUBYEAR, 2012) OR LIMIT-TO (PUBYEAR, 2011) OR LIMIT-TO (PUBYEAR, 2010) OR LIMIT-TO (PUBYEAR, 2009) OR LIMIT-TO (PUBYEAR, 2007) OR LIMIT-TO (PUBYEAR, 2006) OR LIMIT-TO (PUBYEAR, 2005) OR LIMIT-TO (PUBYEAR, 2003))

(Scopus Database, 2021)

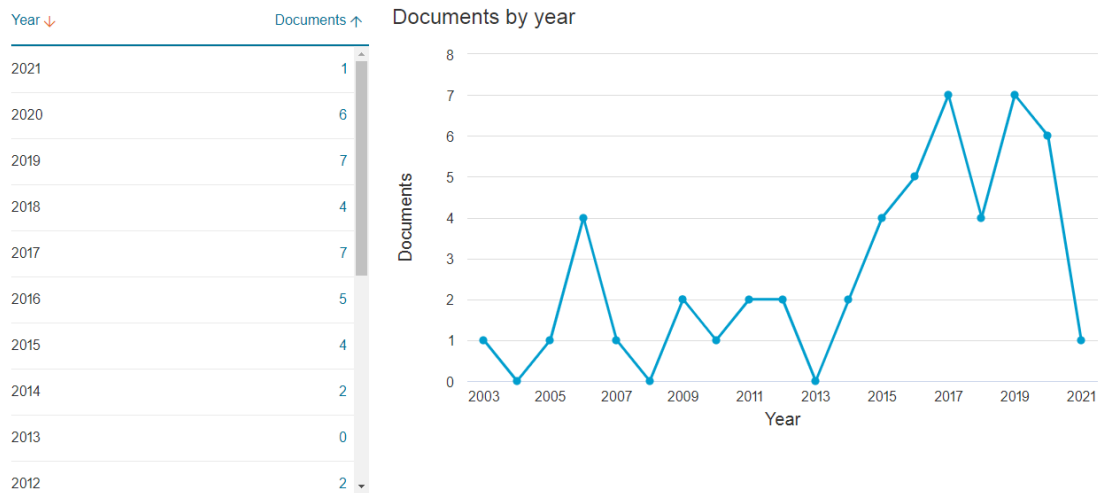
Table 1 shows 50 data obtained after the key concepts of "female teacher" and "professional development" are written in the Scopus database.

### FINDINGS AND COMMENTS

Dimension I: Analyzing the studies published in the last twenty years by using the concepts of "female teacher" and "professional development" according to the years of publication.

In the first dimension of the research, it was aimed to reveal the examination of the studies published in the last twenty years by using the concepts of female teachers and professional development. In the context of this dimension, 50 studies were obtained by entering the Scopus database. The publication graph of the 50 researches obtained according to the last twenty years is given in Table 2 below.

Table 2: Graph of the studies published in the last twenty years by using the concepts of "female teacher" and "professional development"

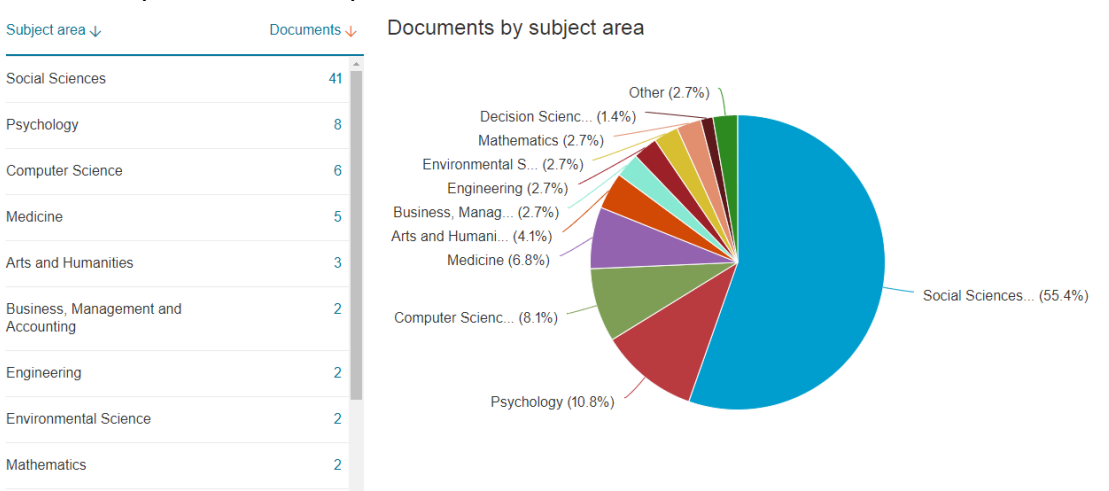


In order to reveal the publications made in the last twenty years by using the concepts of "female teacher" and "professional development", the data in the Scopus database were taken into account. In the light of these data, it is seen that the most research is 7 researches in 2017 and 2019. The reason why women's professional development dimension has increased after 2015 may be because this issue has gained importance in the last 5 years.

II. Dimension: Examining the documents according to the subject area of the studies published in the last twenty years using the concepts of "female teacher" and "professional development"

In the second dimension of the research, it is aimed to reveal the examination of documents according to the subject areas of the studies published in the last twenty years by using the concepts of female teachers and professional development. In the context of this dimension, 50 studies were obtained by entering the Scopus database. The graph of publication of the 50 researches obtained over the last twenty years is given in Table 3 below.

Table 3: Graph of subject areas of studies published in the last twenty years using the concepts of "female teacher" and "professional development"



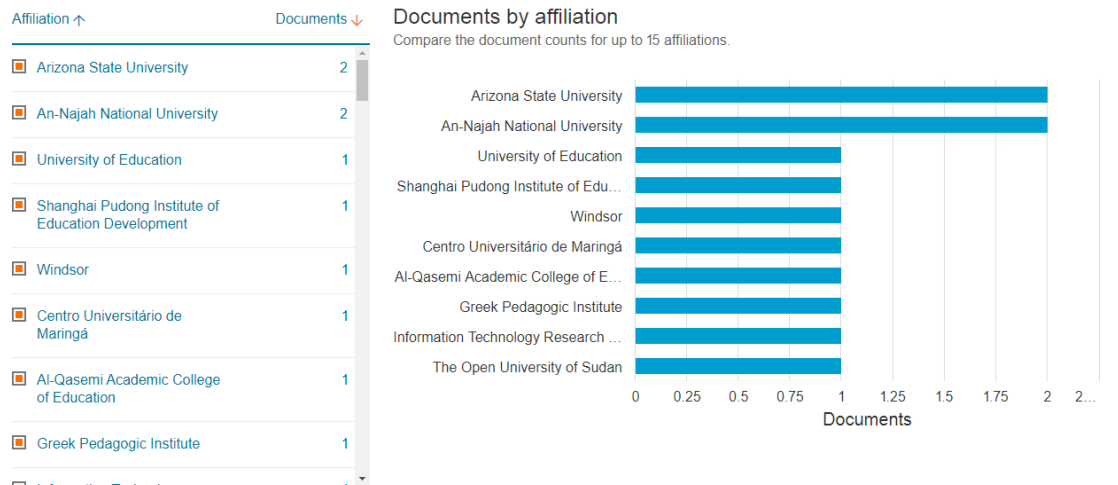
\* A study may be conducted to cover more than one area.

When the researches published in the last twenty years were examined, it was found that the most research(41) was made in Social Sciences. This result may have come out because the dimension of "Woman Teacher", one of our keywords, was examined more in the social field.

III. Dimension: Examination of universities where studies published in the last twenty years using the concepts of "female teacher" and "professional development"

In the third dimension of the research, it is aimed to examine the studies published in the last twenty years according to the universities by using the concepts of female teachers and professional development. In the context of this dimension, 50 studies were obtained by entering the Scopus database. The graph of the universities where 50 studies were conducted according to the last twenty years is given in Table 4 below.

Table 4 : Graph of universities where studies published in the last twenty years using the concepts of "female teacher" and "professional development"

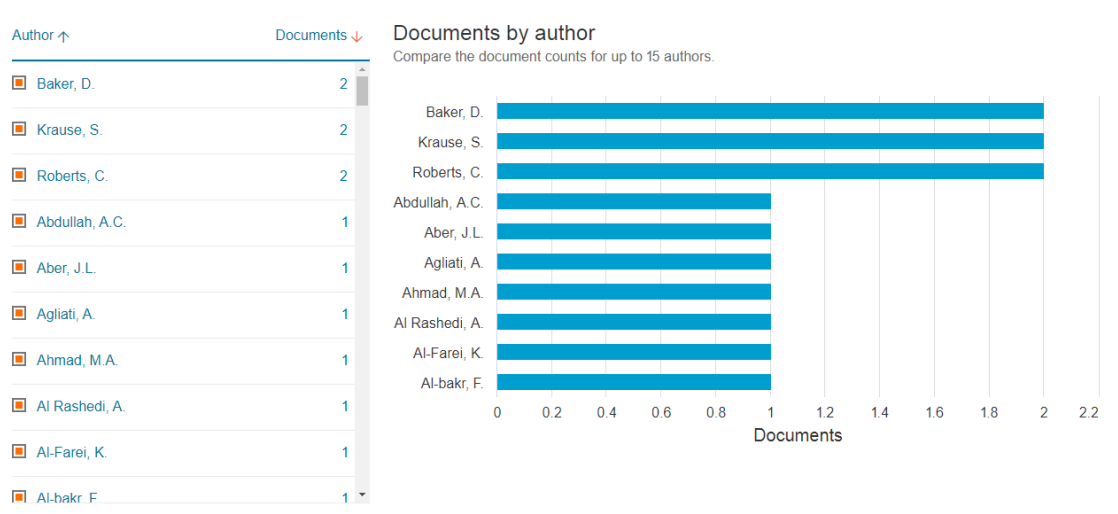


When we look at the universities in which researches published in the last twenty years have been made, it is seen that there are at most 2 publications. When the graph was examined, it was found that Arizona State University and An-Najah National University made the most publications on the subject. There was not much difference between universities.

IV. Dimension: Examining the people who have done the studies published in the last twenty years using the concepts of "female teacher" and "professional development"

In the fourth dimension of the research, it is aimed to examine according to the people who have done the studies published in the last twenty years by using the concepts of female teachers and professional development. In the context of this dimension, 50 studies were obtained by entering the Scopus database. The graph of the people who have worked in the last twenty years of the 50 studies obtained is given in Table 5 below.

Table 5 : Graph of people who carried out studies published in the last twenty years using the concepts of "female teacher" and "professional development"

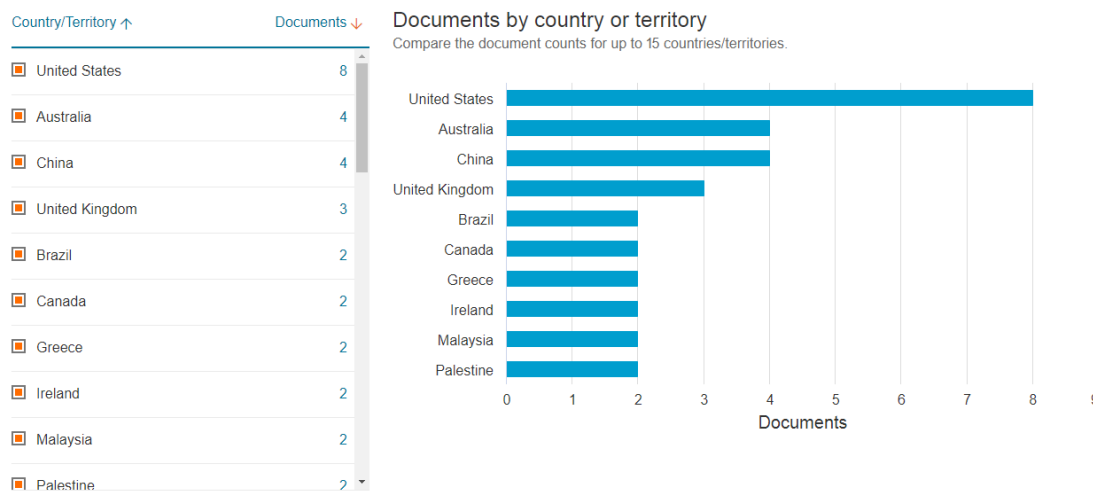


When examined in terms of the people who carried out the research published in the last twenty years, it was determined that at most 2 publications and at least 1 publication were made. It is seen that there is no difference between the publications of the researchers. It was found that the most research was done by Baker, D., Krause, S, and Roberts, C. There was not much difference between the researchers who published it. Since the researcher who published here has researched from different angles, there may be at most 2 authors under the same title.

Dimension V: Examination of the studies published in the last twenty years in terms of countries using the concepts of "female teacher" and "professional development"

In the fifth dimension of the research, it is aimed to examine the studies published in the last twenty years by country by using the concepts of female teachers and professional development. In the context of this dimension, 50 studies were obtained by entering the Scopus database. The graph of the people who have worked in the last twenty years of the 50 studies obtained is given in the table 6 below.

Table 6: Graph of studies published in the last twenty years by country using the concepts of "female teacher" and "professional development"

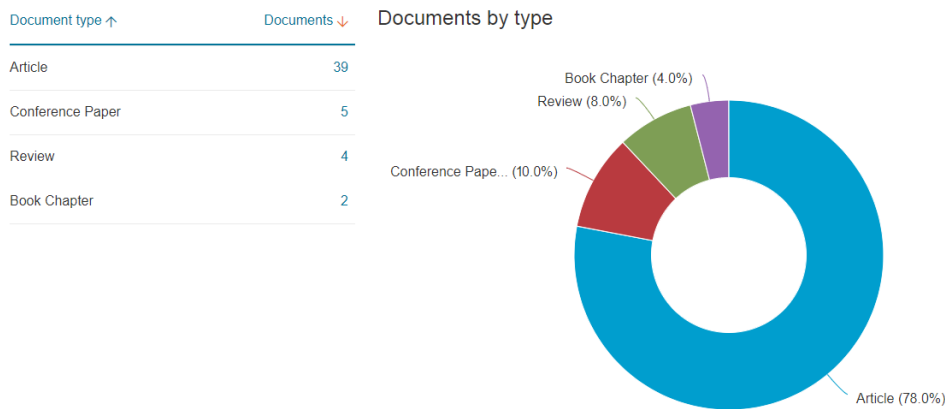


The data in the scopus database were taken into account in order to reveal the publications made in the last twenty years by using the concepts of "female teacher" and "professional development", according to the countries in which they were made. In the light of these data, the United States published the most research with 8 documents. Subsequently, it was published in the form of Australia 4 documents and China 4 documents. This conclusion may have come about because the United States is multicultural and women need to develop and prove themselves in this multicultural environment.

VI. Dimension: Examining the studies published in the last twenty years by using the concepts of "female teacher" and "professional development" according to the place of scientific publication.

In the sixth dimension of the research, it is aimed to examine the studies published in the last twenty years according to the place of scientific publication by using the concepts of female teachers and professional development. In the context of this dimension, 50 studies were obtained by entering the Scopus database. The graph of the people who conducted the study according to the last twenty years of the 50 studies obtained is given in Table 7 below.

Table 7: Circle chart of studies published in the last twenty years using the concepts of "female teacher" and "professional development", according to scientific publications



When the scientific publications of the studies published in the last twenty years are examined, it is seen that the most 39 studies are published as articles. It is thought that the reasons for the researchers to publish their publications as articles are due to the fact that there are many articles published today, and that the articles are high in terms of validity and reliability and are easier in terms of preparation.

## CONCLUSION AND RECOMMENDATIONS

### Results

Researches in the context of female teachers and professional development were examined. The studies conducted with these concepts were compared in various dimensions. In our study, by using the concepts of "female teacher" and "professional development", the researches conducted in the Scopus Database in the last twenty years;

As a result of looking by years, it was found that most of the studies were published in 2017 and 2019. It is thought that the reason for this finding may be due to the fact that it is a concept in which the importance of professional development of female teachers has come to the fore since 2015.

When the subject areas are examined, it has been found that studies are generally carried out in the field of Social Sciences. This is thought to be due to the fact that the concept of female teacher is used more frequently in the field of education. It may also be because the most publications in the scopus database come from the social sciences. In this context, Karasözen mentioned in the research conducted by Bayram and Zan (2011) that the most publications in the Scopus database are in the Social field. This supports the finding here.

When looking at the universities where it was made, it was found that generally at most 2 and at least 1 research publication was made. It is seen that there is no difference between universities that do this. The fact that the researches did not differ in terms of universities may be due to the fact that no university constantly dwells on these dimensions.

When examined in terms of the authors, it was determined that at most 2 publications and at least 1 publication were made. It is seen that there is no difference between the publications of the researchers in terms of quantity. This may be due to the fact that the researchers took these dimensions one by one and examined them with different dimensions.

Considering the countries, it was found that most of the studies were published in the United States. Since it received the most publications from the United States, most publications in this field may have come from the USA. Karasözen, Bayram and Zan (2011) also mentioned in their research that the Scopus database receives the most publications from the USA. This finding supports the research finding.

When the document shapes were examined, it was concluded that most of the studies were published as articles. Today, it is thought that article publications are high in terms of validity and reliability, and are more preferred by readers to access information faster, and because they are easier to prepare than theses. Özkan and Kaya (2015) also mentioned in their research that the articles are more preferred by the readers. In addition, Düztepe (2004) mentioned that the articles are short scientific publications. This makes it more practical and effective for readers to read articles rather than thesis readings. These findings also support the research finding.



### Suggestions:

Today, it is thought that the dimensions of female teachers and professional development in constantly changing and developing schools should be addressed more and be the subject of research.

It is possible to talk about professional development in many institutions and organizations and the presence of female teachers in this professional development. Therefore, it is necessary to make publications not only in the field of education but also in other fields and to examine these concepts more.

Considering the awareness of professional development and the importance of female teachers, universities that are educational institutions and researchers working there need to do more research on the concepts of "female teacher and professional development".

Studies can be conducted in different countries around the world and the results can be compared.

Findings can be generalized by using the research meta-analysis method.

It is thought that the research will shed light on future research on female teachers and professional development.

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