

## A Descriptive-Analytical Reflection on the Translation of Medical Texts During the Qajar Era

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### Abstract

This article provides a descriptive overview and thematic analysis of translated medical texts from the Qajar era, utilizing a statistical and documentary study methodology. The research compiles all translated books, including manuscripts, lithographic, and lead-printed works, from this period. Findings reveal that medical texts were translated into Persian across various specialized fields such as internal medicine, obstetrics and gynecology, pharmacology, infectious diseases, psychiatry, pediatrics, surgery, dissection, ophthalmology, and pathology. Some translations originated from Western languages like French and English, introducing Western specialties such as surgery, dissection, infectious diseases, pediatrics, and modern medicine to Iran. Meanwhile, translations from languages like Hindi, Turkish, Arabic, and Urdu contributed to fields such as herbal medicine and pharmacology, reflecting their Eastern roots. Noteworthy translations from the Qajar era include Ibn Sina's *Ghanon*, al-Razi's *Tafrih al-Gholoob*, Jurjani's *Zakhireh Kharazmshahi*, Hippocrates' *Resale Ghabrie*, and Galen's *Molkhes Fosul*.

**Keywords:** Medical Resources, Medical Translation, Medical Translators, Qajar Era

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## Introduction

Medical research has long served humanity, and scientific centers continue to prioritize traditional medicine and medicinal plants. The written medical literature of our nation stands as a testament to the scientific and cultural diversity that has been, and will remain, a cornerstone of civilization and knowledge. Both present and future generations have the right to access their historical heritage, especially that which remains inaccessible due to various circumstances. Unfortunately, the history of science has not been given its deserved place in today's culture, and research in this area is often conducted in an unplanned and disorganized manner. It is essential to recognize that many of the discoveries others consider inventions were, in fact, accomplished centuries ago by renowned Iranian scientists. These scholars, through the processes of translation and compilation, achieved great scientific advancements under difficult circumstances, as reflected in their handwritten works (Velayati, 2009).

Iran holds one of the world's largest collections of Eastern manuscripts, with its manuscript catalogs making up the most extensive such collection globally (Jasbi, 2009). The preparation of thematic catalogs is essential for Iran's scientific community, particularly in the humanities, as it helps recover parts of our history and culture, transferring our ancestors' scientific heritage to current thinkers. This wealth of knowledge will enable researchers to become more familiar with Iran's significant contributions to civilization (Jasbi, 2009).

The first step in researching medical science and its related fields is to identify the various works that have been produced. A comprehensive list of these works provides a valuable foundation for presenting their background in a scientific and organized way. The current bibliography represents a treasure trove of manuscripts, lithographs, and lead-printed sources from libraries and private collections in Iran, all of which have been translated in the medical field. It is important to note that, according to the bibliographic collectors involved in this research, there is no claim that all manuscripts related to medical knowledge have been included. First, new articles and reports on manuscripts are published daily. Second, there may be errors in gathering information on the existing versions. Third, it is often difficult to determine the exact classification for multi-disciplinary manuscripts.

In the past, the dissemination of medical knowledge through translated books lacked specialization, resulting in bibliographies that did not thematically or systematically classify the sciences. The records were often organized alphabetically, which limited their usefulness for researchers. As such, it is necessary to update public bibliographies with thematic classifications and statistical charts. This current bibliography is valuable in two ways: it thematically presents and introduces medical works to researchers of medical history, and it identifies and presents translated medical sources for researchers in the medical field.

The investigation found that while there are bibliographies for both new and old medical sources, they generally focus on medical works rather than specifically on translated sources. These earlier bibliographies lack the thematic, statistical, or in-depth analysis present in this work. Two of the most extensive are the fifth volume of Monzavi's "Catalog of Manuscripts" (medical sources, 2002) and the "Common Catalog of Manuscripts of Medicine and Related Sciences in Iranian Libraries" (2011).

To meet the research goal of identifying translated medical sources from the Qajar era, the following questions guided this study:

1. What are the descriptive characteristics of translated medical sources from the Qajar era?
2. What are the analytical characteristics of translated medical sources from the Qajar era?

**Methodology**

The primary data collection method for this study was the library-based approach, which involved reading, reviewing relevant sources, and taking notes. The study utilized two types of information sources: primary and secondary. Initially, all available primary sources were examined. Given that the Qajar-era printing industry was not yet modernized, with books produced as manuscripts, stone-printed, or lead-printed volumes, these works from that period are considered primary sources. An example of one such translated medical text is presented in Figure 1.



Figure 1. *Taghvīm al-Badan* – An instance of primary sources

Figure 1 is a page of *Tāghvīm al-Badan*, written by Ibn Jāzleh and translated by Shāmsuddin Mohāmmād Tābib Isfahani, and provides information about internal diseases.

Additionally, several key databases were utilized as secondary sources to search for books, journals, and articles. These include data from the National Library and Archives of Iran, the Library of Tehran University of Medical Sciences, the Library of Parliament (Majles), the Astan Qods Razavi Library, and

the Mālek Library, along with relevant reference sources and bibliographies such as Monzavi's catalog of Persian books and catalogers of Iranian manuscripts. The study covers all translated medical books published during the Qajar era (1175–1304 AH), including manuscripts, lithographic, and lead-printed books. In cases where information was unavailable, the term “unknown” was used after consulting relevant subject lists.

## Results

In response to the research's first question regarding the bibliographic list of translated medical sources from the Qajar era, the entries are organized by each subject's area of expertise, including fields such as 'pathology,' 'sexually transmitted diseases,' and 'surgery and dissection.' Each entry follows a consistent structure, listing the title of the translated source, the author or translator's name, the language of origin, and the target language. In some cases, certain details, like the date or translator, remain unknown. This organization offers clarity, enabling a comparative analysis of trends in medical translations during the Qajar era.

### Translated sources in the field of 'pathology'

- Pathology, Polak, unknown, from French into Persian.
- Pathology, Kreisel, Ahmad Sharifi Tonekaboni, from French into Persian.
- Pathology, Kreisel, Reza Khan French, from French into Persian.
- Pathology, Kreisel, General Alikhan, from French into Persian.
- Pathology, Kreisel, Mirzareza Dr. Sedighol al-Hukma Tabrizi, from French into Persian.
- Javaher al-Hikma, unknown, Ali Hamedani, from French into Persian.
- New Medicine, Schlimmer Flamenki, unknown, from Persian into unknown.
- Alam al-Maraz, Kreisel, Ahmad Sharifi Tonekaboni, French into Arabic.
- Alam al-Maraz, Kreisel, Dr. Mohammad Reza, from French into Persian.
- Alam al-Maraz, Kreisel, Reza Khan French (Jules), French into Persian.
- Alam al-Maraz, Kreisel, Ali Hamedani, French into Farsi.

### Translated sources in the field of 'sexually transmitted diseases'

- Israr Kook (Lazt al-Nasa), unknown, Jeon Mel Brahman, from Hindu into Persian.
- Israr Kook (Lazt al-Nasa), unknown, Muhammad Ibrahim, from Hindu into Persian.
- Al-Ayzah fi Asrar al-Nikah, Galen, David Antioch, from Greek into Persian.
- Al-Ayzah fi Asrar al-Nikah, Haj Zain Attar, unknown, from Arabic into Persian.
- Ab Zandegani, Ahmad Naghashi, Habib Esfahani, from Arabic into Persian.
- Ab Zandegani, Kamal Pashazadeh, Ziauddin Shahshahani, from Arabic into Persian.
- Bah Nameh, Khwaja Tousi, Abdul Latif, from Arabic into Turkish.
- Bah Nameh Nakhshbi, Zia al-Din Nakhshbi, unknown, from Arabic into Persian.

- Javam al-Elaj, Mohammad Karim Khan Qajar, Agha Mohammad Taghi Sarkari, from Arabic into Persian.
- kholasatol Al-Aish, Rostam Jang Zafar Khan, Hajar Dehlavi, from Sanskrit into Persian.
- Rojoa Al-Sheikh's Al-Saba Taghwiyah Quwa Bah, Ahmad Tifashi, Mohammad Saeed Esfahani, from Arabic into Persian.
- Rojoa Al-Sheikh's Al-Saba Taghwiyah Quwa Bah, Kamal Pashazadeh, unknown, from Turkish into Arabic.
- Zia-ul-Absar Fi Hadol-Bah, Khan Mahmood Sadigh Ali, Ighbal Hasan, Arabic into Urdu.
- Cook Shaster (Bahnameh), Abu Taleb Esfraini, unknown into Persian.
- Ganj Al-Asrar, Abdur Rahman Shirazi, Nezam Motshehi, from Arabic into Persian.
- Vasayel al-Ebtehaj fi hefze sehat Al-Ezdevaj, Kreisel, Mohammad Malek Al-Katab Shirazi, from French into Persian.
- Vasayel al-Ebtehaj fi hefze sehat Al-Ezdevaj, Kreisel, Mohammad Akbar Khan Lahori, from French into Urdu.

#### **Translated sources in the field of 'surgery and sissection/**

- Anis Al-Moshrehin, Robert Hooper, Mohammad Mahdi Esfahani, from Arabic into Persian.
- Tashrih Al- Aasab, Polak, Mohammad Tabib Tehrani, from French into Persian.
- Tashrih Al Azae Al-badan, Mansoor ben Mohammad, unknown, from Arabic into Persian.
- Tashrih Badan Ensan, Polak, General Alikhan, from French into Persian.
- Tashrih Badan Ensan, Polak, Mohammad Hossein Afshar, from French into Persian.
- Tashrih Badan Ensan Polak, unknown, from English into Sanskrit.
- Al-Tashrih, unknown, Ali Akbar Nafisi, from French into Persian.
- Al-Tashrih, unknown, Ali Khan Tabib, from Latin into Persian.
- Tashrih al-Abdan, Mansour Shirazi, Hakim Gholam Haidar, from Arabic into Urdu.
- Tashrih al-Bashar va Tozih al-Sovar, Richard Carmack, Mohammad Khoei, from English into Persian.
- Tashrih Ghalb va Amal va Oroogh, unknown, Taghi Motabib, from French into Persian.
- Jarahi, Albo, Khalil Saghafi, from French into Persian.
- Jarahi, Polak, Mohammad Hossein Afshar, from French into Persian.
- Jarahi Nezami, Albo, Baqer Tabib, from French into Persian.
- Javaher al-Tashrih, unknown, Ali Hamedani, from French into Persian.
- Kholase al-Tashrih, unknown, Musa Alavi, from French into Persian.
- Resaleh Dokhtor, Polak, Mohammad Hossein Afshar, from French into Persian.
- Resaleh Teb, unknown, Noshahi, from Arabic into Persian.
- Zinat al-Abdan, Polak, unknown, from French into Persian.



- Serol-Hekmeh, Jaber Ben Hayan, Schlimmer-Flamenki, Mohammad Taghi Hosseini Kashani, unknown.
- Teb Professor King, King, unknown, from English into Persian.
- Makhzan Al-Fawaid, Polak, Mohammad Hossein Afshar, from French into Persian

#### **Translated sources in the field of ‘ophthalmology’**

- Tazkerat al-Kahalin, Ali ben Eisa Kahal, Shamsuddin Ali Hosseini Jurjani, from Arabic into Persian.
- Jala al-Ayoun, Polak, Mohammad Hossein Qajar, from French into Persian.
- Resaleh dar Kahali, Pollock, unknown, from French into Persian.
- Resaleh Teb, unknown, from Persian into Punjabi.
- Zia al-Ayoun dar Derkhali, unknown, Ali Hamedani, from French into Persian.
- Zia al-Ayoun, French doctor, Ali Khan, from French into Persian.
- Zia al-Nazerin, Kalzewski, Mohammad Kermanshahi, from French into Persian.

#### **Translated sources in the field of ‘internal diseases’**

- Aristotle Talis Fi-al-Nafas, Aristotle, Abdulrahman Badavi, from Arabic into Persian.
- Asbab al-Tadvieh, Schlimmer Flemanki, Mohammad Taghi Ibn Mohammad Kazem, from French into Persian.
- Asrar al-Atba, French Toluzan, Shahabeddin Sagheb Dehlavi Khorasani, from Turkish into Persian.
- Badai al-Hikma Naseri, Toluzan, Mustafa Alavi Esfahani, from French into Persian.
- Bar al-Saa, Zakaria Razi, Ahmad Sharifi Tankabani, from Arabic into Persian.
- Bar al-Saa, Zakaria Razi, Ahmad Qajar, from Arabic into Persian.
- Bar al-Saa, Zakaria Razi, Abdul Karim Qazvini, from Arabic into Persian.
- Bar al-Saa, Zakaria Razi, Mohammad Afzal Tabatabai, from Arabic into Persian.
- Bar al-Saa, Zakaria Razi, Mohammad Hossein Esfahani, from Arabic into Persian.
- Tohfe Amaniyyah, Mohammad Wazah Bukhari, unknown, from Arabic into Persian.
- Tohfe Shahi, Zakaria Razi, Ahmad Sharifi Tonekaboni, from Arabic into Persian.
- Tohfe Shahi, Zakaria Razi, Hossein Jabri Ansari, from Arabic into Persian.
- Tadarok anvaol Al-khata, Ibn Sina, Hossein Jabri Ansari, from Arabic into Persian.
- Taghvim al-Abdan, Ibn Jazla, Shams Al-Din Mohammad Tabib Esfahani, from Arabic into Persian.
- Taghvim al-Abdan, Ibn Jazla, Faraj Ibn Salem, from Arabic into Latin.
- Taghvim al-Abdan, Ibn Jazla, Mohammad Ashraf, from Arabic into Persian.
- Taghvim al-Abdan, Ibn Jazla, Mohammad Tabib Borujerdi, from Arabic into Persian.
- Taghvim al-Abdan, Ibn Jazla, Mohammad Yusef, from Arabic into Persian.

- Tan Suka Puthi, unknown, Sheikh Mohammad Ghoryshi, from Hindi into Persian.
- Al-Tanvir ya Tafsir Al-Faz Ahl Sanaa Al-Tab, unknown, Abol Hasan Aghaji Bokharai, from Arabic into Persian.
- Jame al-Shafaiyeh, John Cameron, Syde Afazl Ali Razavi Faizabadi, from English into Persian
- Javame al-Elaja, Mohammad Karim Khan Qajar, Ali Akbar Nafisi Kermani, from Arabic into Persian.
- Hodudol al-Amraz, Akbar Shah Arzani, Mohammad Ishaq Fayaz, from Arabic into Persian.
- Hadiqa al-Shifa, Sarang Dehar, Mohammad Jamil Abdul Wahab, from Sanskrit into Persian.
- Hadiqa al-Tab, Ibn Nafis Abulhasan Gharashi, Abbas Agha Kochak, from Arabic into Persian.
- Hadiqa al-Tab, Ibn Nafis Abulhasan Gharashi, Abdul Javad Sepahani, from Arabic into Persian.
- Hefz al-Saha, Ali bin Zain al-Abdin Nasir al-Hukma Isfahani, Mohsen Abedi, from Arabic into Persian.
- Hefz al-Saha, Galite Boase, Seyyed Ali Khan Nasr, from Latin into Arabic.
- Hefz al-Saha, unknown, Nusrat Tabib Ghuchani, from French into Persian.
- Haghayegh al-Adviyeh Al-Moosavi, a European physician, Musa Alavi Esfahani from Unknown into Persian.
- Dastur Jalali, Mohammad Jalaluddin Tabib, Abdullah Nouri, from Arabic into Persian.
- Dastur Teb, Zakaria Razi, Mohammad Hossein Esfahani, from Arabic into Persian.
- Daghayegh al-Elaja, Mohammad Karimkhan Qajar, Isa Zia Ebrahimi, from Arabic into Persian.
- Zakhyyeh Kharazmshahi, Mirsyed Ismail Jorjani, Sharafuddin Ibrahim, from Persian into Arabic.
- Zakhyyeh Kharazmshahi, Mirsyed Ismail Jorjani, Mohammad Hadi Hossein Khan, from Persian into Urdu.
- Resale dar Pezeshki, Aristotle, unknown, from Greek into Persian.
- Resale Teb, Kashifuddin Muhammad, unknown, from Arabic into Persian.
- Resale Teb, unknown, from Hindi into Persian.
- Suhailiyya, Ibn Sina, Qutb Al-Din Tabib Shirazi, from Arabic into Persian.
- Shafa al-Badan, Alavi Dehlavi, Hakim Divan Kahn, from Arabic into Urdu.
- Shafaiyeh, Schlimer Flemanki, Abdul Karim Tabib, from French into Persian.
- Sehat Ajel, Zakaria Razi, Mohammad Bagher Mottabb Hosseini, from Arabic into Persian.
- Zarar Advieh in the treatment of diseases, Biloza, unknown, from French into Persian.
- Teb Akbari, Akbarshah Arzani, Akbarshah Arzani, from Arabic into Persian.
- Teb Akbari, Akbarshah Arzani, Mohammad Seddiqi Nanotoj, from Farsi into Urdu.
- Teb Akbari, Akbarshah Arzani, Najibuddin Samarqandi, from unknown into Persian.
- Teb Kimiyae, unknown, Mohammad Jaafar Yazdi Arizi, from Arabic into Persian.
- Medicine or Etiology, Honyak, French Reza Khan (Jules), from French into Persian.
- Teb al-Rahmah, Jalaluddin Siyuti, Mohammad Jaafar Khansari, from Arabic into Persian.

- Alaj al-Ghoraba, Hakim Ghulam Imam, Asghar Ali from Unknown into Urdu.
- Alaj al-Amraz, Sharif Khan Dehlavi, unknown, from unknown into Persian.
- Alal al-Amraz, unknown, Ahmad Hosseini Razi Tehrani, from Arabic into Persian.
- Elme al- Amraz, Nafis Ibn Awaz Kermani, Akbar Shah Arzani, from Arabic into Persian.
- Ghayat al-Gharaz, Najibuddin Mohammad Samarqandi, Sharif Mansour Hosseini, from Arabic into Persian.
- Qawabis Shoab fi Tarjume al-Asagharba, Brakleios, Mohammad Ali Mousavi Dezfouli, from Arabic into Persian.
- Kenz al-Asrar, Abdul Rahman Shirazi, Mohammad Hadi Hossein Muradabadi, from Arabic into Persian.
- Gripe, unknown, Haider Mirzai Qajar, from French into Persian.
- Mojrabat Akbari, Akbar Shah Arzani, Shahbaz Khan, from Farsi into Urdu.
- Mojrabat Farangi, unknown, Mattis DeSilva, from Greek into Persian.
- Majmaal al-Tabin, European physician, unknown, from unknown into Persian.
- Mokhtasar al-Elaza, Mohammad Chaghmani, Sohrabi, from Arabic into Persian.
- Mustazar al-Tabib va Mustabshar al-Tabib, Mohammad Chaghmani, Mohammad Saeed Kashmiri, from Arabic into Persian.
- Moaleje ba Ab, Kishish Ferangi, Khalil Saghafi, from English into Persian.
- Ma'rafa al-Bada'i fi Al-Funun va al-Sana'i, Leson Dushouz, Issa Khan Tabib, from French into Persian.
- Miftah al-Khwass Naseri, French physician, unknown, from French into Persian.
- Mafarah al-Qulub, Akbar Shah Arzani, Hakim Molavi Noor Karim, from Persian into Urdu.
- Mojez al-Ghanun, Nafis Ibn Awaz, unknown, from Arabic into Persian.
- Mizan al-Teb, Akbar Shah Arzani, Mohammad Abdul Hakim, from Farsi into Urdu.
- Neghres and Ojaa al-Mafasel, Ahmad Tabatabai, unknown, from Arabic into Persian.

#### **Translated sources in the field of 'pharmacology and medicinal plants'**

- Al-Abniyyah an al-Adawiya, Ali Heravi, Abdul Khaliq Akhundzadeh, from Persian to German.
- Bostan al-Tabaa and Ruza al-Laba, Abu Nasr Asad Ibn Matran, unknown, from Arabic to Persian.
- Tohfe Soleimanieh, Zakaria Razi, Aladdin Muhammad Tabib, from Arabic to Persian.
- Tohfe al-Mominin, Hakim Momin, Ahmad Thani, from Arabic to Turkish.
- Tohfe al-Mominin, Hakim Momin, Karachi Mammoud, from Arabic to Urdu.
- Therapy, Albo, Khalil Thaghafi, from French to Persian.
- Therapy, Albo, Mahmoud Kashani, from French to Persian.
- Translation of Israr Kook, unknown, Jeon Mel Brahman, from Hindi to Persian.



- Translation of Samskrit, Samskrit, Sheikh Haider, from Hindi to Persian.
- Tashrih al-Adwieh, Nour al-Din Ain al-Molk Shirazi, unknown, from Greek to Persian.
- Taghvim al-Sahe, Mukhtar ibn Batlan Baghdadi, unknown, from Arabic to Persian.
- Talkhis al-Aghaghir, unknown, Ali Khan, from Arabic to Persian.
- Talkhis al-Aghaghir, unknown, Mohammad Tabib Borujerdi, from Arabic to Persian.
- Hashaysh, Discourides, Malik Mansour Mirza Shuaa al-Sultaneh, from Greek to Persian.
- Hayat Kimiavi, Henrich Schössler, Fazlullah Khan, from French to Persian.
- Daroosazi Jadid, European doctor, Mohammad Taghi Kashani, from French to Persian.
- Dafe Mazar al-Aghzia, Zakaria Razi, Abul Muzafar Tabib Heravi, from Arabic to Persian.
- Samskrit, Hakim Sheikh Haider, unknown, from Hindu to Persian.
- Shimi va Daroosazi, Abu Rihan Biruni, unknown, from Arabic to Persian.
- Saidneh, Aburihan Biruni, Jalaluddin Kashani, from Arabic to Persian.
- Saidneh, Aburihan Biruni, Obaidullah Israilevich Karimov, from Arabic to Russian.
- Teb Hakim, Hakim Momin, Mohammad Momin Al-Mouti Qazvini Isfahani, from Arabic to Persian.
- Teb Shafa'i, Mozafar hossini Shafa'i Kashani Esfahani, Anzhdusen Joseph, from Persian to Latin.
- Teb Qarabadin Shafa'i, Mozafarhsini Shafa'i Kashani, unknown, from Arabic to Persian.
- Teb Kimiyavi, Brakleios, Ibn Salam Halabi, from Greek to Persian.
- Teb Kimiyavi, Brakleios, Hossein Banai, from Greek to Arabic.
- Teb Kimiyavi ,Braclius, Zain al-Abdin Tabatabai, from Latin to Persian.
- Teb Kimiyavi, Braklius, Seyed Ahmad Hosseini, from Latin to Persian.
- Teb Kimiyavi (translation of Kimiai al-Shafa), unknown, Mohammadfani Shirvani, from Turkish to Persian.
- Tabieeyat, unknown, Jafar Qali Khan Qajar, from Arabic to Persian.
- Alaj al-Ghoraba, Hakim Ghulam Imam, Asghar Ali, from Unknown into Persian.
- Alaj al-Ghoraba, Hakim Ghulam Imam, Mutab Manshi, from Arabic to Urdu.
- Alaj al-Ghoraba, Hakim Ghulam Imam, Mohammadi Mutab, from Arabic to Persian.
- Farhang Schlimmer, Schlimmer Flamenki, unknown, from unknown to Persian.
- Farhang Homayoni, Abdul Ghafoor Homayoni, Abdul Ghafoor Homayoni, from Arabic to Hindi.
- Favaed al-Ashiah, Zakara Razi, Abul Mozafar Haravi, from Arabic to Persian.
- Faiz Aam Fi Shafwal Asqam, Sheikh Qadir Bakhsh, Mohammad Hossein Molavi, from unknown to Urdu.
- Gharabadin Farangi, unknown, Mattis DeSilva, from Latin to Persian.
- Gharabadin Ghadri, unknown, Akbar Shah Arzani, from Arabic to Persian.
- Koliat dar Teb Jadid, European physician, unknown, from Latin to Persian

- Kimia al-Shafa, Seyyed Khorasani, Mohammadfani Shirvani, from Turkish to Persian.
- Kimia Basiligha, Braclius, Mohammad Ali Mousavi Dezfouli, from Latin to Arabic.
- Kimia Braclius, Braclius, Mohammad Jaafar Parhehi, from Latin to Arabic.
- Gehar Ganj, Tankloshah Kabir, Mohammad Ibrahim Qaragazlu, from Hindi to Persian.
- Majma al-Adavieh Naseri, unknown, Alireza Khan Tabib, from unknown into Persian.
- Ma'rifah al-Sumum Naseri, unknown, Mohammad Hasan Zanouzi Tabrizi, from unknown into Persian.
- Miftah al-Khwass, Shlimer Flemangi, Mohammad Taghi Kashani, from French to Persian.
- Miftah al-Dawiya Naseri, French physician Hossein Khan Hanjan Kashani, from French to Persian.
- Mofradat Bakrami, Madan Pala, Mohammad Chiraguddin Lahori, from Hindi to Persian.
- Mofradat Pezeshki, Mohammad Hossein Aghili Alavi Shirazi, Jahangir Mirza, from Arabic to Persian.
- Manafe al-Alaghzie, Zakaria Razi, unknown, from Arabic to Persian.
- Minhaj al-Bayan Fima Yatsavad Al-Insan, Ibn Jazla Baghdadi, Mirhashim Muhaddith, from Arabic to Persian.
- Nasir al-Maluk (Nasiriyah), unknown, Abu al-Qasim Nayini, from unknown to Persian.
- Yadgar Rezaei, Reza Ali Hyderabad, Boal Mohsen, from Persian to Urdu

#### **Translated sources in the field of 'psychiatry'**

- Advie Ghalbie, Ibn Sina, Ahmadlallah Khan Dehlavi, from Arabic to Persian.
- Amraz Damaghi, Prussia, Mohammad Hossein Afshar, from English to Persian.
- Amraz Asabani, Krizel, Ali Hamdani, from French to Persian.
- Bar-al-Saaa, Zakaria Razi, Mohammad Jamil Khan, from Arabic to Urdu.
- Teb Shahabi (Shifa al-Mariz), Shahab al-Din Naguri, unknown, from Farsi to Urdu.
- Teb Shahabi, Shahabuddin Naguri, unknown, from Arabic to Urdu.

#### **Translated sources in the field of 'gynaecology and midwifery'**

- Bologh al-Ebtahaj fi Sehat Al-Azdwaj, Nasimbeyk Effendi, Nasimbek Effendi, from French to Turkish.
- Balogh al-Ebtahaj fi Sehat Al-Azdwaj, Nasimbeyk Effendi, Akbarbek Lahori, from Turkish to Hindi.
- Bologh al-Ebtahaj fi Sehat Al-Azdwaj, Nasimbeyk Effendi, Mohammad Shirazi, from Hindi to Persian.
- Behjah al-Roaasa in the treatment of gynecological diseases, Ahmad Effendi, unknown, from Arabic to Persian.
- Behjah al-Roaasa in the treatment of gynecological diseases, unknown, Ahmad Effendi, from Arabic to Turkish.
- Tahrir al-Marah (Tarbiat Nesvan), Ghasem Amin Mesri, Yusef Ashtiani, from Arabic to Persian.

- Talim al-Qawabel, Harution Triaikan, Zebardast Khan, from French to Persian.
- Soal va Javab Tabiyeh, Aristotle Talis, Asgharhossein Farukhabadi, from Arabic to Hindi.
- Teb Professor King, unknown, from Latin to Persian.
- Molodih fi Haghigha al-Weladeh, unknown, Ali Mohammad Tabib Karuni Isfahani, from unknown to Persian.

#### **Translated resources in the field of ‘infectious diseases’**

- Smallpox and Measles, Zakaria Razi, Najmabadi, from Arabic to Persian.
- Badai-ul-Hikma, Polak, Mohammad Hossein Afshar, from French to Persian.
- Cholera Disease, Polak, Ali Naqi Khan Jadidul Islam, from French to Persian.
- Cholera, Polak, Mohammad Hossein Afshar, from French to Persian.
- Talimnameh, Richard Karmack, Mohammad Khoei, from English to Persian.
- Resale on the treatment of cholera, Polak, Mohammad Hossein Afshar, from French to Persian.
- Zubdeh al-Hikmah Naseri, Toulousan, Mustafa Alavi Esfahani, from French to Persian.
- Description and Treatment of Fever, Polak, Mohammad Hossein Afshar, from French to Persian.
- Plague, Toulousan, Mohammad Rezi Tabatabai, from French to Persian.
- Medicine, Toulousan professor, Mustafa Alavi Esfahani, from French to Persian.
- Treatment of Diphtheria, Mohammad Kermanshahi, Mohammad Kermanshahi, from unknown to Persian.
- Makhbe al-Taoun and al-Vaba, Elias Yehudi, Ali Asghar Maravi, from unknown to Persiani.
- Matlab al-Swal, Zakariya Razi, Ahmad Sharifi Tankabani, from Arabic to Persian.
- Marafah al-Sal, Elizeh Ribar, Reza Sediq Yahavi, from French to persian.
- Cholera, Yardun Daud Irvani, Yazdanbakhsh Afshar, from English to Persian.
- Wabayeh, Bazil, Abdul Majid Thaghafi, from English to persian.

#### **Translated sources on the subject of ‘Islamic medicine’**

- Zehbieh, attributed to Hazrat Reza, Mohammad Toosi Mashhadhi, Arabic to Persian.
- Zehbieh, attributed to Hazrat Reza, Mohammad Momin Qazvini Al-Muti, Arabic to Persian.
- Zehbieh, attributed to Hazrat Reza, Mohammad Mahdi Ali Khan, Arabic to Persian.
- Zehbieh, attributed to Hazrat Reza, Mohammad Mahdi Ali Khan, Arabic to Persian.
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