

Research Article

Crowdfunding: As an Alternative to Islamic Funding

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Abstract.

In this digital era, the rapid development of the financial industry has significantly impacted several factors, including financial technology. Fintech services have become the focus of new technology applications, and one of the impactful fintech sectors is crowdfunding. Crowdfunding is a funding model that provides individual investors or a pool of investors to business owners of various new business ventures or social and cultural projects. Based on the crowdfunding phenomenon, there are currently many investors who are interested in funding several types of businesses. However, many investors or business owners are still unfamiliar with crowdfunding schemes, resulting in a lack of confidence in the funding schemes offered. In addition, crowdfunding aligns with the principles of Islamic finance, which avoids usury and promotes the equitable distribution of welfare. This research, based on published studies and indexed by Scopus, focuses on bibliometric research to explore the conceptual development of Islamic crowdfunding.

Keywords: crowdfunding, Islamic finance, Shariah compliance, SRI, bibliometric analysis

1. INTRODUCTION

Crowdfunding is a fundraising concept better known as crowdfunding services, but the concept of fundraising referred to here is fundraising facilitated by internet sites [1]. This concept was introduced in microfinance in the 1700s, one of which was the Irish Loan Fund by Jonathan Swift [2]. The funds were used to provide credit to the poor in the country, where more than 20% of all households in Ireland held the Irish Loan Fund. Crowdfunding can also be defined as a project based on raising large or small amounts of funds to increase capital from an initiative or idea via the internet. According to [3], crowdfunding is a method that connects entrepreneurs who need capital increase with investors who have sources of funds through internet-based intermediary entities. From the various definitions and explanations of the crowdfunding concept, it can be

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concluded that crowdfunding is a platform that mediates internet-based finance by collecting funds from the public (investors) to finance certain projects or business units. In its implementation, three parties are involved in this crowdfunding system: publishers, crowdfunding service providers, and investors. There are various types of crowdfunding, the most popular is Equity-Based, which has the same concept as shares, where the money deposited by investors will become equity or part of the company's ownership in exchange for dividends.

In its development, crowdfunding developed into Securities Crowdfunding (SCF), a method of raising funds through a joint venture scheme by business owners to start or develop their businesses. This concept allows investors to buy and obtain ownership through shares, proof of ownership of debt (bonds), or certificates of joint ownership (Sukuk), whose percentage is obtained according to the value of the contribution. In Indonesia alone, four companies that organize equity crowdfunding have obtained permission from the Financial Services Authority (OJK), namely PT. Santara Daya Inspiratama (Santara), PT. Digital Nusantara Investment (Bizhare), PT Crowddana Teknologi Indonusa (Crowddana) and PT Numex Teknologi Indonesia (LandX). According to data (Liputan6.com), each of these organizers' total collection of funds was recorded as of the end of 2020, Rp. 114 billion from Santara, Bizhare of Rp. 32 billion, Rp. 28 billion from Crowddana, and LandX of Rp. 11 billion. The amount of funds collected is a great opportunity, one of which is for the MSME sector to obtain additional capital to increase business, especially in the current state of the Covid-19 pandemic, as well as a great potential for non-bank-based financing for entrepreneurs.

Crowdfunding is implemented using a platform that acts as an agent in collecting fees for good cooperation from donors or investors. The presence of crowdfunding is expected to be an effort to avoid several obstacles that can hinder financial transactions and support the dissemination of product information, increasing consumer awareness. According to [4], there are generally four types of crowdfunding: donation-based crowdfunding, reward-based crowdfunding, credit-based crowdfunding, and equity-based crowdfunding.

Research by [5] and [6], which focuses on the sharia aspect of Islamic crowdfunding, reveal that crowdfunding is based on social solidarity to serve a business idea and better use of financial resources. This is in line with the essence of Islamic finance, which prioritizes mutual welfare. At the same time, [7] examines the regulatory framework of Islamic crowdfunding and point out the rationale for promoting the core values of Islamic finance through Shariah-compliant crowdfunding and achieving socio-economic development. [8] confirm that introducing crowdfunding today will provide real impact,

sustainability, and competence in the economy. Currently, there are quite a few ways to get funding. Prospective entrepreneurs usually tend to borrow from banks or look for investors. However, banks usually put forward many requirements to select prospective entrepreneurs who will be given loans, especially for projects whose returns are uncertain. High loan interest rates and the presence of collateral also burden debtors. Getting funds from bank loans has many risks that must be faced, especially if one day the business has the potential to fail. If the entrepreneur is unable to repay the loan, it becomes bad credit and can spread to legal problems. This condition creates a funding gap which can be one of the inhibiting factors for a business.

Crowdfunding still faces several challenges from an Islamic point of view, although it is generally recognized globally as an appropriate financing alternative for business owners to raise funds. To ensure that Muslim business owners can benefit from and take advantage of the platform, crowdfunding platforms, like other aspects of modern financial practice, must ensure that the financing instruments they use are fully Shariah compliant. Therefore, platform compliance must cover all and every aspect of standard industry practice. In order to earn income for the welfare of the general public, families, and individuals, the intent, purpose, mission, and vision must all be motivated by Islamic ethics. This is meant by "all-inclusive", and it applies to the coherence of all platform systems with Shariah principles. While there is no problem with crowdfunding based on donations and rewards, crowdfunding based on equity and loans must have adjustments to their instruments to ensure that they are consistent with Shariah principles and rules. For example, some of their products in crowdsourcing loans are interest-based loans; however, the interest rates charged on these loans are significantly lower than those charged by the conventional banking system [9]. However, traditional forms of crowdfunding do not consider the project's religious and spiritual dimensions. On the other hand, Islamic crowdfunding must explicitly pay attention to the objectives of the Shari'ah, which rejects non-ethical endeavors, including gambling or speculative components. Although the development of Islamic finance in Indonesia is in a positive category, the country of Indonesia has the potential to develop again, considering that the largest Muslim population in the world is in Indonesia [10].

This research explores deeper conceptually about crowdfunding as alternative funding according to Islamic principles. There are still limitations to looking for similar research, so this research will be very important to study, especially for business actors or investors who want to take part in a halal business and have a high social value. The bibliometric approach to reviews has gained popularity due to several factors, including

the introduction of software, cross-disciplinary methods, and increased ability to handle large volumes of data.

Based on the differences and similarities in the bibliometric approach, this study contributes to the literature in several ways. In addition, identify the most influential countries, institutions, and researchers. Furthermore, it suggests a future research agenda based on a review-based approach to developing the financial literature's scientific impact further. It can be concluded that bibliometric studies are an important means to highlight and motivate future research.

2. THEORETICAL BASIS

Crowdfunding emerged as an alternative to funding that involves financial technology. [1]said that crowdfunding could also be interpreted as a financial innovation that involves technology to facilitate donations as one of the traditional financing solutions. [11]argue that crowdfunding is an open call, especially via the internet, to provide financial resources either in the form of donations or in some other form that can support a business. Crowdfunding can embody the evolution of entrepreneurial finance, enabling raising funds from multiple investors via an online platform. So it can be said that crowdfunding is a financial innovation in raising funds using financial technology. Crowdfunding is implemented using a platform that acts as an agent in collecting fees for good cooperation from donors or investors. The presence of crowdfunding is expected to be an effort to avoid several obstacles that can hinder financial transactions and support the dissemination of product information, increasing consumer awareness.

The term "crowdfunding" has now become a general term that reflects various fundraising models. At the most basic level, these models can be distinguished by investment crowdfunding or non-investment financing categories. Currently, crowdfunding is divided into four models: lending, equity, reward, and donation crowdfunding. Lending-based and equity-based crowdfunding is a type of investment and reward-based crowdfunding and donation-based crowdfunding is a non-investment crowdfunding model .

Lending-based crowdfunding is when an individual or institution provides a loan to a borrower while expecting a repayment with the principle and interest set within a mutually agreed period. Equity-based crowdfunding refers to proponents buying a shipowner's stake in an organization. Reward-based crowdfunding is when an individual or organization provides funds in return and often in the form of pre-purchased products or services. Moreover, donation-based crowdfunding is giving funds based on

social motivation and mutual assistance without expecting material rewards. In essence, crowdfunding is a "win-win game", where all related parties get their respective benefits.

Crowdfunding allows every business to access capital without going through banking. Accessing capital requires several conditions, one of which is to have assets that can be used as collateral or as collateral. Not all business actors have feasible assets or can be approved by banks as collateral or guarantees such as startup companies. Through crowdfunding, companies or entrepreneurs can access capital assisted by members of the crowdfunding platform itself. The crowdfunding system is a concept of cooperation through the cooperation of various parties.

The type of crowdfunding scheme in great demand is the equity-based type, which is supported by several crowdfunding platforms in Indonesia that offer this equity-based scheme which has also received permission from the Financial Services Authority (OJK), namely PT. Santara Daya Inspiratama (Santara), PT. Digital Nusantara Investment (Bizhare), PT Crowddana Teknologi Indonusa (Crowddana) and PT Numex Teknologi Indonesia (LandX). The platform managed to raise funds from each of these organizers, recorded until the end of 2020 of Rp. 114 billion from Santara, Bizshare Rp. 32 billion, Rp. 28 billion from Crowddana, and LandX of Rp. 11 billion.

The platform offers equity-based schemes with various types of cooperation in various fields, such as textiles, food, and other industries. A crowdfunding platform that focuses on real estate or property is Ethis. Ethis is a shariah platform that finances property projects as well as SMEs. This platform has obtained legality from the Otoritas Jasa Keuangan (OJK) since October 30, 2019. This platform is also supervised by the National Sharia Council of the Indonesian Ulema Council (DSN MUI). The financing mechanism of the Ethis platform is as follows:

The illustration above illustrates how the financing schemes carried out by the ethical platform are investors or fund owners channeling funds to the company through an ethical platform. Then ethics is in charge of monitoring the company and periodically reporting to investors during the project. Then, after the project is completed, the company returns the capital provided by investors and profits or profit sharing through Ethis. Ethis distributes the capital and profit sharing to the investors involved in funding the project.

There are many ways to get funding. However, the Bank puts forward many requirements to select prospective entrepreneurs who will be given loans, especially for projects whose returns are uncertain. High loan interest rates and the presence of collateral also burden debtors. Funding from a bank loan has many risks, for example, if the business fails. If the entrepreneur cannot repay the loan, it becomes bad credit

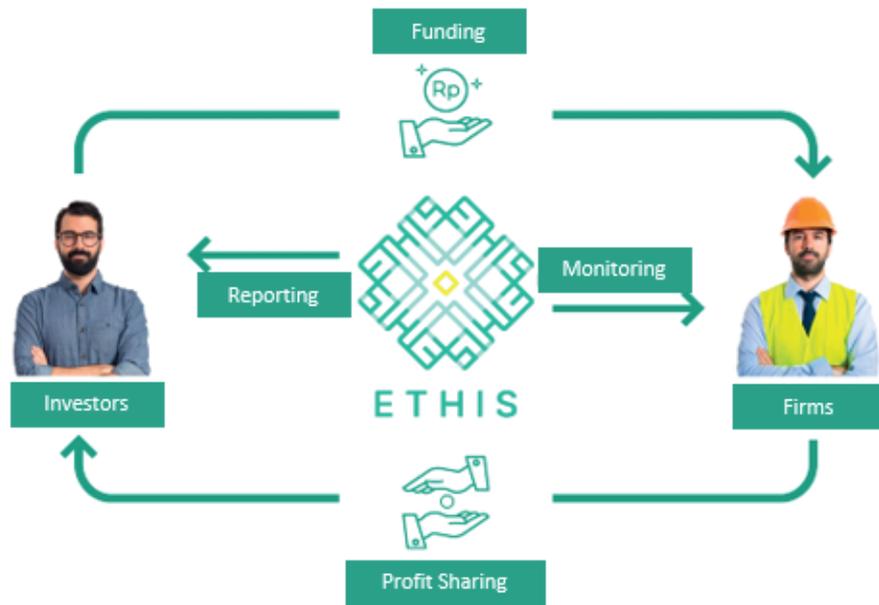


Figure 1: Illustration of Crowdfunding Scheme on Ethis.

and spreads legal problems. This condition creates a gap in funding, which can be one of the inhibiting factors for a business.



Figure 2: The Process Of Crowdfunding.

The crowdfunding mechanism is that the owner will present his idea in various ways. Then, people who feel interested in the idea can donate some personal funds to help the owner realize the idea. Owners can freely describe and explain in detail their project ideas. Of course, it must be packaged as attractively as possible. Detailed explanations are also important to gain investor confidence to contribute funds to the project. The more attractive the presentation of the ideas presented by the producer, the more convincing it is. This will attract interested parties to contribute funds for the project. Suppose the fundraiser has met or exceeded the target. In this case, 10% to 15% will be deducted as commission for the crowdfunding platform site where the creator gets the funds.

Based on the crowdfunding phenomenon, there are currently very many investors who are interested in funding several types of businesses. However, many investors or

business owners are still unfamiliar with crowdfunding schemes, so they do not trust the funding schemes offered.

The social value offered in crowdfunding is the collaboration of various parties who have several funds to be channeled through the platform, where the amount of funds depends on the ability of each capital owner. This means that anyone and any amount of funds can contribute to the company. Then, the company offers disproportionate financial assistance through dividends or "sukuk" purchased by investors.

Financing the Sustainable Development Agenda 2030 has been a key issue since it was adopted in 2015. Given the limited government budget, there is a need to identify alternative sources of financing to achieve the SDGs. Crowdfunding can be one of the available options, and social enterprises are suitable for addressing development problems. Donation-based crowdfunding has the potential to make considerable contributions: the global market value is estimated at \$0.56 billion/per year. It has the potential to grow even further, given recent trends and global charitable donations estimated at \$0.4 trillion/per year.

By looking at several previous studies, crowdfunding has the potential to be one of the funding instruments that can help the sustainability and economic development of a country. In Indonesia alone, quite a several crowdfunding platforms are already running well, and many small and medium-sized businesses have built their crowdfunding system. However, many investors or business owners are still not familiar with the crowdfunding scheme, resulting in a lack of confidence in the funding schemes offered. This is due to a lack of socialization and awareness, while crowdfunding has great potential to raise funds nationally to help balance sustainability and prosperity.

In Indonesia, the crowdfunding scheme has a legal rule that is equity-based through regulations issued by Otoritas Jasa Keuangan (OJK), POJK No.37/POJK.04/2018 about Layanan Urun Dana Melalui Penawaran Saham Berbasis Teknologi Informasi (Urun Dana Ekuitas). Updated with new regulations POJK No.57/POJK.04/2020 about Penawaran Efek Melalui Layanan Urun Dana Berbasis Teknologi Informasi (Urun Dana). Another advantage of crowdfunding is the large potential for financing that entrepreneurs can obtain, and also this financing can be accessed not only by Perseroan Terbatas (PT) but also accommodates Micro, Small and Medium Enterprises (MSMEs) to raise funds through the capital market (POJK No.57/POJK.04/2020).

In general, sharia-based financial technology (fintech) services in Indonesia are regulated in fatwas Dewan Syariah Nasional (DSN) Majelis Ulama Indonesia (MUI) No. 117/DSN—MUI/II/2018 about Teknologi Informasi Berbasis Layanan Pembiayaan Berdasarkan Prinsip Syariah. In this fatwa, there are provisions for general guidelines

for information technology-based financing regarding information technology-based financing based on sharia principles. The parties must comply with general guidelines that this implementation must not conflict with sharia principles, namely avoiding usury, *gharar*, *maysir*, *tadlis*, *dharah*, *zhulm* and illegal.

Sharia crowdfunding is crowdfunding that, in its implementation, follows Islamic law. Islam recognizes the principle of "gotong royong" which is also embraced in crowdfunding. So sharia crowdfunding can be used as an alternative to banking that is free from usury, as stated in Surah Al-Baqarah verse 275:

الَّذِينَ يَأْكُلُونَ الرِّبَا لَا يَقُومُونَ إِلَّا كَمَا يَقُومُ الَّذِي يَتَخَبَّطُهُ الشَّيْطَانُ مِنَ الْمَسِّ ذَلِكَ بِأَنَّهُمْ قَالُوا إِنَّمَا الْبَيْعُ مِثْلُ الرِّبَا وَأَحَلَّ اللَّهُ الْبَيْعَ وَحَرَّمَ الرِّبَا فَمَنْ جَاءَهُ مَوْعِظَةٌ مِنْ رَبِّهِ فَانْتَهَى فَلَهُ مَا سَلَفَ وَأَمْرُهُ إِلَى اللَّهِ وَمَنْ عَادَ فَأُولَئِكَ أَصْحَابُ النَّارِ هُمْ فِيهَا خَالِدُونَ ﴿۲۷۵﴾

Those who eat usury cannot stand but like the standing of a person who is possessed by a devil because of madness. That is because they say that buying and selling is the same as usury. In fact, Allah has permitted buying and selling and forbids usury.

Conventional crowdfunding differs from sharia crowdfunding, where the implementation and allocation of funds must be based on Islamic. [12] said that Islamic crowdfunding uses money from many individuals or organizations to fund projects, business or personal loans, and other needs through an online web-based platform with Sharia principles. To determine this principle, a sharia board is needed to ensure the halalness of the product [7]. Income is obtained from lawful sources and does not contain usury. [13] say that the Islamic crowdfunding platform is an Islamic-based system that funds halal projects and products permitted by Islamic Law and products and funds.

One of the motivations of investors to channel their funds through crowdfunding is to fulfill social values, as one of the Shari'a that must be fulfilled in Islam. This underlies the development of sharia crowdfunding in Indonesia, one of which is equity-based crowdfunding, as discussed in this study. Islam regulates activities in *muamalah*, namely the investment model and stock contract transactions through *mudharabah* and *musharaka*. In Islam, *mudharabah* is an economic milestone that can realize social justice through a profit-sharing system. The proportion of profit sharing is based on the agreed-upon ratio at the beginning of the contract. This contract is applied to the concept of equity crowdfunding. When viewed from Islamic finance, the advantage of equity crowdfunding is that it uses a profit-sharing system to share risk. In a crowdfunding scheme, the issuer of shares is a *mudarib* (entrepreneur).

In contrast, crowdfunding platforms act as agents based on the *wakalah* principle. Publishers are only charged for using the electronic platform. At the same time, investors are capital providers (*shahibul maal*). However, what must be considered is that it must be clearly stated on the explanation platform regarding the profit-sharing ratio to follow the *mudharabah* contract principle.

From a different point of view, Islamic crowdfunding is considered the next financial innovation in Islamic finance. Some Sharia-based models have been proposed for Islamic crowdfunding, such as Zakat-based models, *Infaq* (Expenditures)-based models, *Shadaq* (charities), *Waqf*-based models, *Qard Hasan* (voluntary loan-based models), *shrikah* (partnership)-based models, and *Istishna'* (forward sales). Because Islamic crowdfunding is still in the formation stage, there is still a lack of awareness and understanding of Islamic crowdfunding [12]. The sharia crowdfunding method still faces several obstacles, one of which is developing an applicable crowdfunding model for small and medium enterprises (SMEs) [14]. Therefore, it suffices to postulate that the current practice of Islamic crowdfunding needs to be improved, especially by investigating various Shariah contracts that might strengthen its conceptualization and framework.

Moreover, it was found in a study conducted by [15] that certain halal businesses in Malaysia continue to rely upon, either in whole or in part, traditional sources to generate capital for their businesses. This was found to be the case in both cases. The fact that these companies describe themselves as Sharia-compliant despite their questionable funding sources has a huge impact.

Crowdfunding allows every business to access capital without going through banking. Accessing capital requires several conditions, one of which is to have assets that can be used as collateral. Not all business actors have feasible assets or can be approved by banks as collateral or guarantees, such as startup companies. Through crowdfunding, companies or entrepreneurs can access capital assisted by members of the crowdfunding platform itself. The crowdfunding system is a concept of cooperation through the cooperation of various parties. However, in this case, the collaboration in question is crowdfunding.

The social value offered in crowdfunding is the collaboration of various parties who have several funds to be channeled through the platform, where the amount of funds depends on the ability of each capital owner. This means that anyone and any amount of funds can contribute to the company. Then, the company offers disproportionate financial assistance through dividends or "Sukuk" purchased by investors.

3. METHOD

This study uses a bibliometric approach that aims to examine and identify the results of the findings related to crowdfunding to find and answer literature gaps. According to [16], bibliometric methodologies are also used to identify journal performance, co-authoring, co-citing trends, and classic research flows of a particular field. In scientific research, the literature review is important to describe a research process, especially in research that has not been widely studied. The bibliometric approach in this study is to answer the research question of crowdfunding as an alternative to funding from an Islamic perspective.

The population in this study are national and international journals that can be accessed openly and obtained through *Google Scholar* using the keywords *Crowdfunding* and *Islamic Finance* with the research year from 2016-2022. A sample of 500 related articles was obtained through the *publish or perish software* which was then carried out more rigorously. After conducting further studies, the researchers decided to use a sample of 48 articles indexed by Scopus. Furthermore, this study uses *Vosviewer* to see the relationship between related literature.

In the first stage, we used the Google Scholar database with the help of *publish or perish software* and found 500 articles in the 2016 to 2022 research years. Then to examine credible articles, we used the Scopus database with the keywords "Crowdfunding AND Islamic finance" and found 48 articles. Furthermore, data analysis in this study uses *VOSviewer* to identify the relationship between the literature on *Crowdfunding* and *Islamic Fintech* so that it can support the findings of crowdfunding as an alternative to Islamic financing. Through the *VOSviewer software*, what theories are related to and support Crowdfunding as an alternative to financing in an Islamic perspective is found. Besides that, crowdfunding-related theories can also be identified but are still commonly discussed, so they can be a literature gap for further research.

4. RESULTS AND DISCUSSION

The results that have been achieved so far are mapping literature reviews with *VOSViewer software* to see the relationship of each related reference article and find out the most discussed topics related to sharia crowdfunding.

Figure 3.1 shows the development of the Scopus-indexed literature on Islamic crowdfunding. Research on Islamic crowdfunding began in 2015 and has increased, especially

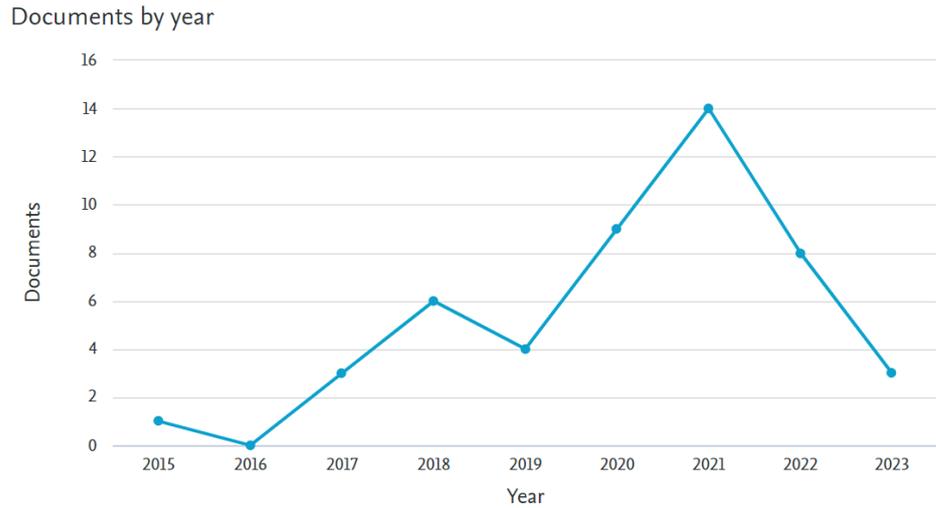


Figure 3: Development of Islamic crowdfunding publications.

in 2021, when many crowdfunding platforms have begun to be used as an alternative to funding outside of banking.

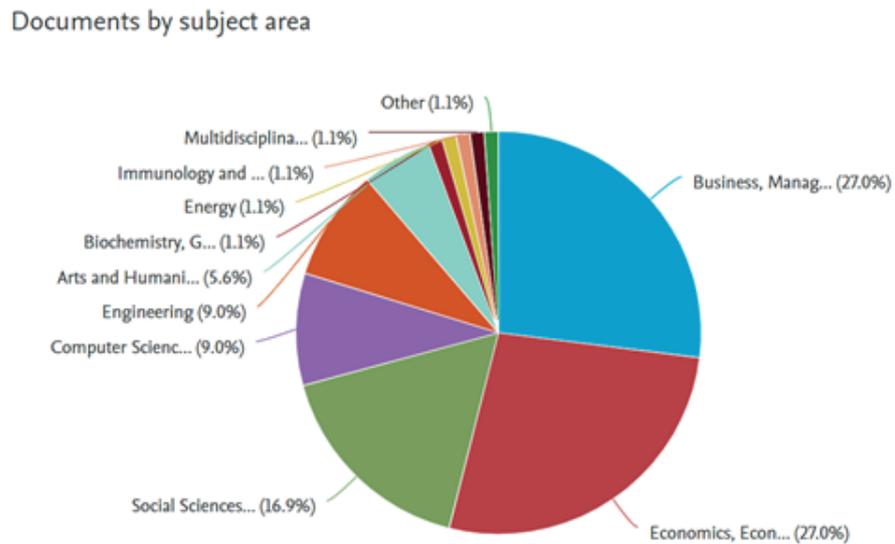


Figure 4: Research Category.

Scopus manages journal categories and research categories, through these categories can identify studies related to Islamic crowdfunding. Figure 3.2 shows the distribution of articles on Islamic crowdfunding across various Scopus research categories. The main categories of research involved are related to the Scopus category 'Business, Management and Accounting' (24 articles) followed by 'Economics, Econometrics and Finance' (24 articles) and 'Social Science' (15 articles), where there are several

articles that intersect from one category to another. This shows that studies on Islamic crowdfunding are carried out in special sub-fields that overlap with other fields.

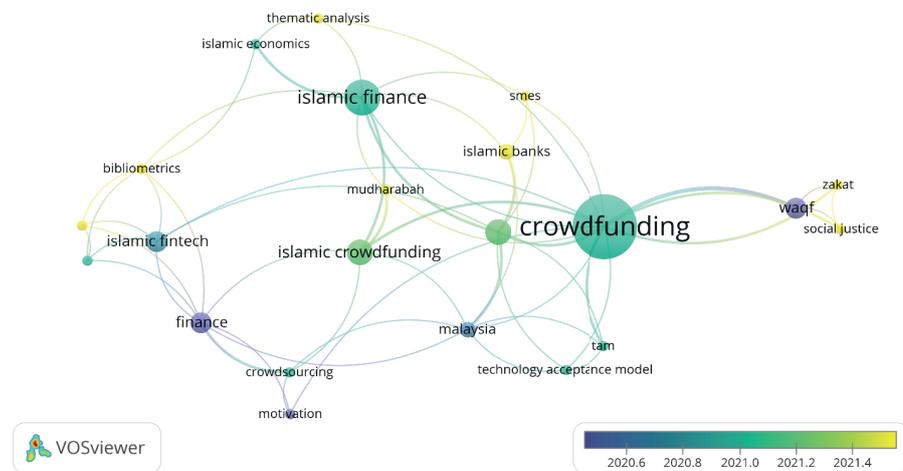


Figure 5: Keyword Analysis.

In this research, keyword analysis is conducted to conceptualize the evolution and dynamics of bibliometric studies in crowdfunding. In order to get a meaningful analysis, the researcher filtered to require a minimum threshold of two for certain keywords to be included in the analysis (resulting in a total of 183 keywords) and excluded unrelated keywords. In the end, there were 22 related keywords, as shown in Figure 3.3. As the keyword frequency is less than before 2020, the period is limited to two years until the end of 2021.

We found that the most frequently repeated keywords in the bibliometric review of this study were *crowdfunding*, *Islamic finance*, *Islamic fintech*, *Islamic crowdfunding*, and *fintech*. We also found popular subtopics such as *Islamic banks*, *muharabah*, *waqf*, *social justice*, and *SMEs*.

We further applied bibliographic coupling and content analysis to visualize the networks among literature studies and identify research streams. For content analysis and to cover all literature on bibliometric reviews on Islamic crowdfunding research, we also searched for articles in major databases (such as ScienceDirect, Emerald, Taylor and Francis, Wiley, Springer, and Google Scholar) that were not included in Scopus or were not published before. Data extraction time. Based on the results generated by VOSviewer, we identified four groups of bibliometric studies on the topic of Islamic crowdfunding.

Checking Fig. 4.4, we denoted by different spatial and color groupings. The red cluster shows studies on Islamic crowdfunding, finance, and the halal industry [17]–[44],

and the green cluster shows publications on Islamic fintech and technological approach methods [22], [33], [45]–[49]. The blue cluster shows the literature on the relationship between crowdfunding and social responsibility, entrepreneurship, and *waqf* [23], [28], [37], [39], [50]–[54]. The yellow cluster shows the specific literature on the link between crowdfunding and *mudharabah* [38], [42].

From the entire literature in this study, Islamic crowdfunding can help economic development, especially for MSMEs [55] and it is important to check that all contract specifications comply with Islamic law. Growing businesses can adopt innovative ideas based on economic and social principles rather than just profit. Even though crowdfunding grew significantly after the 2008 financial crisis, religious and economic factors in Islamic countries should be developed as a social culture to help each other.

5. CONCLUSIONS

The development of literature on Islam Crowdfunding as alternative Islamic funding has made rapid progress in recent years. The existence of public awareness of social values and welfare is one of the factors that support the success of Islamic crowdfunding. The analysis was carried out using a bibliometric approach. This method reviews, evaluates and interprets all available research with topic areas of interest to phenomena. Its use in this research is to examine the development of crowdfunding as an alternative business funding.

From the results of this analysis, hopefully, it can show that crowdfunding is very helpful for funding companies and greatly facilitates investors in getting access to information related to the distribution of funds that must be done as well as from the side of the return of funds. In addition, it is important to increase awareness of using crowdfunding following sharia principles so that business people and investors can help each other and run halal business processes together.

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References

- [1] Mollick E. The dynamics of crowdfunding: An exploratory study. *Journal of Business Venturing*. 2014;29(1):1–16.
- [2] Hobbs J, Grigore G, Molesworth M. “Success in the management of crowdfunding projects in the creative industries,”. *Internet Research*. 2016 Feb;26(1):146–166.
- [3] Majid R, Nugraha RA. Crowdfunding and Islamic securities: The role of financial literacy. *Journal of Islamic Monetary Economics and Finance*. 2022;8(1):89–112.
- [4] Mohd Thas Thaker MA, Mohd Thas Thaker H, Allah Pitchay A. Modeling crowdfunders’ behavioral intention to adopt the crowdfunding-waqf model (CWM) in Malaysia. *International Journal of Islamic and Middle Eastern Finance and Management*. 2018 Jan;11(2):231–249.
- [5] Pietro Biancone P, Secinaro S, Kamal M. “Crowdfunding and Fintech: Business model sharia compliant,” *European Journal of Islamic Finance*. 2019;12:1–10. <https://doi.org/10.13135/2421-2172/3260>.
- [6] Boulahbel Z. “Crowdfunding as an alternative form of Islamic financing for startups and small enterprises.” 2021;24(1): 99–107.
- [7] Marzban S. Mehmet Asutay, Adel Boseli, “Shariah-compliant crowd funding: An efficient framework for entrepreneurship development in Islamic countries,” *Harvard Islamic Finance Forum*. 2014;August 2015.
- [8] Saiti B, Musito MH, Yucel E. Islamic crowdfunding: Fundamentals, developments and challenges. *Islamic Quarterly*. 2018;62(3):469–485.
- [9] Suleiman H. “The Islamic trust waqf: A stagnant or reviving legal institution?” *Electronic Journal of Islamic and Middle Eastern Law (EJIMEL)*. 2016;4(23):27-43. <https://doi.org/10.5167/UZH-123754>
- [10] Yusup A, Nuzula ZF, Silviany IY, Haryati Y, Alfiani MR. “The Role of Sharia Investment in Indonesia.” 4th Social and Humanities Research Symposium (SoRes 2021), 2022. <https://doi.org/10.2991/assehr.k.220407.097>
- [11] Belleflamme P, Lambert T, Schwienbacher A. Crowdfunding: Tapping the right crowd. *Journal of Business Venturing*. 2014;29(5):585–609.
- [12] Achsien I, Achsien IH, Purnamasari DL. Islamic crowd-funding as the next financial innovation in Islamic finance: Potential and anticipated regulation in Indonesia. *European Journal of Islamic Finance*. 2016 Jul;0(5): <https://doi.org/10.13135/2421-2172/1771>

- [13] Hendratmi A, Ryandono MN, Sukmaningrum PS. Developing Islamic crowdfunding website platform for startup companies in Indonesia. *Journal of Islamic Marketing*. 2020;11(5):1041–1053.
- [14] Chenguel MB. The response of Islamic banks face the Covid-19 pandemic and the role of financial technology. Volume 495. *LNNS*; 2023. https://doi.org/10.1007/978-3-031-08954-1_128
- [15] Abdullah S, Oseni UA. Towards a Shari'ah compliant equity-based crowdfunding for the halal industry in Malaysia. *International Journal of Business and Society*. 2017;18(S1):223–240.
- [16] Baker HK, Kumar S, Pandey N. A bibliometric analysis of European Financial Management's first 25 years. *European Financial Management*. 2020 Nov;26(5):1224–1260.
- [17] Baber H. FinTech, crowdfunding and customer retention in Islamic banks. *Vision (Basel)*. 2020;24(3):260–268.
- [18] Pietro Biancone P, Secinaro S, Kamal M. "Crowdfunding and Fintech: business model sharia compliant," *European Journal of Islamic Finance*. 2019;12;1-10. <https://doi.org/10.13135/2421-2172/3260>.
- [19] Dawood H, Al Zadjali DF, Al Rawahi M, Karim DS, Hazik DM. "Business trends & challenges in Islamic FinTech: A systematic literature review," *F1000Res*, 2022;11. <https://doi.org/10.12688/f1000research.109400.1>.
- [20] Fernández SS. Islamic fintech. 2021. <https://doi.org/10.4324/9781003014614>
- [21] Alshater MM, Saba I, Supriani I, Rabbani MR. Fintech in islamic finance literature: A review. *Heliyon*. 2022 Aug;8(9):e10385.
- [22] Tajudin M, Omar R, Smedlund A, Aziz RP. "Financing with heart and intelligence: augmenting intimacy and sustainability through Islamic fintech," *International Journal of Advanced Science and Technology*. 2020;29(9):1638–1664.
- [23] Sa'ad AA, Ahmad K, Saleh AO. "P2p islamic fintech investment innovation. A proposal of mush'arakah smart contract model for smes financing and social development," *Al-Shajarah*. 2019;Special Issue:169–184.
- [24] Aguilera AG. Crowdfunding in Spain under sharia rules. 2021. <https://doi.org/10.4324/9781003014614-9>
- [25] Munshi U. The role of Islamic crowdfunding in the new economy. 2021. <https://doi.org/10.4324/9781003014614-8>
- [26] Mohamad KA, Nor RM, Kamely AA. Crowdfunding: New form of both investment opportunities and source of capital. 2020. <https://doi.org/10.4018/978-1-7998-3257-7.ch007>

- [27] Hendratmi A, Ryandono MN, Sukmaningrum PS. Developing Islamic crowdfunding website platform for startup companies in Indonesia. *Journal of Islamic Marketing*. 2020;11(5):1041–1053.
- [28] Nor MZ, et al. Islamic banking transaction and social based crowdfunding during pandemic: Shariah analysis on islamic financial and non-financial institutions approaches. *Central Asia and the Caucasus*. 2021;22(5):439–445.
- [29] Suleiman H. “The Islamic trust waqf: A stagnant or reviving legal institution?” *Electronic Journal of Islamic and Middle Eastern Law (EJIMEL)*. 2016;4(23):27-43. <https://doi.org/10.5167/UZH-123754>
- [30] Abd Rashid N, Hasim N, Zainal Abidin M. “Factors influencing SMEs sustainability: The role of Islamic crowdfunding,” *ACM International Conference Proceeding Series*, 2021:68–74.
- [31] Ahamed Kameel MM, Islamic home financing through musharakah mutanaqisah: A crowdfunding model. 2018. https://doi.org/10.1142/9789813238916_0011
- [32] Boulahbel Z. “Crowdfunding as an alternative form of Islamic financing for.” 2021;24(1):99–107.
- [33] Darmansyah BA, Fianto BA, Hendratmi A, Aziz PF. Fianto, A. Hendratmi, and P. F. Aziz, “Factors determining behavioral intentions to use Islamic financial technology: three competing models,” *Journal of Islamic Marketing*. 2020;12(4):794–812.
- [34] Kazaure MA, Abdullah AR, Zawawi DB, Hamzah A. Determinants of SMEs intention to adopt Islamic crowdfunding model in Northwestern Nigeria. *Journal of Islamic Accounting and Business Research*. 2021;12(2):204–217.
- [35] Shofiyah M, Aisyah AR, Shifa MN. Awareness And Motivation. Crowdfunding for Islamic banking and finance research. *Global Journal Al-Thaqafah*; 2019:7–18.
- [36] Marzban S. Mehmet Asutay, and Adel Boseli, “Shariah-compliant crowd funding : An efficient framework for entrepreneurship development in Islamic countries.” *Harvard Islamic Finance Forum*, no. August 2015, 2014.
- [37] Bedoui HE, Abdelkafi R. Islamic entrepreneurship and the fundraising challenge: Unlocking capital via crowdfunding in the sharing economy. 2018.
- [38] Ishak MS, Rahman MH. Equity-based Islamic crowdfunding in Malaysia: A potential application for mudharabah. *Qualitative Research in Financial Markets*. 2021;13(2):183–198.
- [39] Salim M, Kassim S, Thaker MA. Factors influencing the acceptance of Islamic crowdfunding in Malaysia: A study of youth entrepreneurs. *Pakistan Journal of Commerce and Social Science*. 2021;15(3):443–475.

- [40] Abdeldayem M, Aldulaimi S. Developing an Islamic crowdfunding model: a new innovative mechanism to finance SMEs in the Middle East. *International Journal of Organizational Analysis*. 2022. <https://doi.org/10.1108/IJOA-02-2022-3159>
- [41] Aderemi AM, Ishak MS. Qard Hasan as a feasible Islamic financial instrument for crowdfunding: Its potential and possible application for financing micro-enterprises in Malaysia. *Qualitative Research in Financial Markets*; 2022. <https://doi.org/10.1108/QRFM-08-2021-0145>
- [42] Ishak MS, Kamaruddin MH, Aderemi AM. Mudharabah based crowdfunding as an alternative source of funding book publications in Malaysia. *Journal of Islamic Marketing*. 2022;13(9):1973–1987.
- [43] Hapsari MI, Bin Mohd Thas Thaker MA, Mohammed MO, Duasa J. A qualitative investigation into crowdfunding framework as a source of financing for waqf land development. *Journal of Islamic Accounting and Business Research*. 2022;13(3):425–443.
- [44] Abdullah S, Oseni UA. Towards a shari'ah compliant equity-based crowdfunding for the halal industry in Malaysia. *International Journal of Business and Society*. 2017;18(S1):223–240.
- [45] Zain NR, Mahadi NF, Noor AM. "The potential in reviving waqf through crowdfunding technology: The case study of Thailand." *Al-Shajarah*. 2019(Special Issue):89–106.
- [46] Zain NR, Mahadi NF, Noor AM. "The potential in reviving waqf through crowdfunding technology: The case study of Thailand." *Al-Shajarah*. 2019(Special Issue):89–106.
- [47] Asongu SA, Nwachukwu JC. Recent finance advances in information technology for inclusive development: A systematic review. *Netnomics*. 2018;19(1–2):65–93.
- [48] Baber H. Examining the intentions to use crowdfunding platform - An extended technology acceptance model. *International Journal of Services, Economics and Management*. 2021;12(2):149–163.
- [49] Chenguel MB. The response of Islamic banks face the Covid-19 pandemic and the role of financial technology. Volume 495. *LNNS*; 2023. https://doi.org/10.1007/978-3-031-08954-1_128.
- [50] Andrikopoulos A, Triantafillou A. The essentials of social finance. 2021. <https://doi.org/10.4324/9781003230366>
- [51] Cattelan V. Islamic social finance: Entrepreneurship, cooperation and the sharing economy. 2018. <https://doi.org/10.4324/9781315272221>
- [52] Alrashedi MY, Mohammed MO. Developing social financial resources model for Islamic microfinance to reduce unemployment rate. 2023;487:925–943.

- [53] Grove NS. Weapons of mass participation: social media, violence entrepreneurs, and the politics of crowdfunding for war. *European Journal of International Relations*. 2019;25(1):86–107.
- [54] Fatoki O. “The effect of human and social capital on the knowledge of financing alternatives by new small business owners in South Africa,” *Corporate Ownership and Control*. 2015;13(1CONT8):840–850. <https://doi.org/10.22495/cocv13i1c8p4>
- [55] Abd Rashid N, Hasim N, Zainal Abidin M. “Factors influencing SMEs sustainability: The role of Islamic crowdfunding,” *ACM International Conference Proceeding Series*, 2021:68–74.