

A Systematic Literature Review on the Intersection of Academic Entrepreneurial Initiatives, Social Responsibility, and the Nexus for Long-Term Impact

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ABSTRACT

A chance to make a lasting impact on modern society has arisen thanks to the growing connection between academic entrepreneurship and social responsibility. To comprehend how universities may fulfil their social obligations and foster entrepreneurialism that contributes to societal and economic development, this article explores the complementary possibilities that exist at the intersection of these two fields. In the following parts, we will examine real data and case studies to show how academic entrepreneurial initiatives can effectively include principles of social responsibility. Elements of policy frameworks, institutional culture, allocation of resources, and stakeholder expectations that facilitate or impede synergy within different domains are the primary focus of the investigation. In addition to discussing several assessment criteria that consider social, economic, and environmental implications, the essay delves into the difficulties and hurdles of predicting the long-term consequences of these joint efforts. The conversation also touches on the adaptability and resilience of academic institutions as they navigate this cooperation considering changing societal expectations, acknowledging that entrepreneurial activities are sometimes unpredictable and dynamic. provides an overview of the material covered and presents an innovative viewpoint on how academic institutions might contribute to the construction of a system where social responsibility and entrepreneurial pursuits are interdependent threads that, when pulled together, yield a future that is both equitable and sustainable. It is recommended that practitioners, educational leaders, and policymakers work together to create an

atmosphere where the synergies can flourish and provide real advantages to the community. After extracting the database using the PRISM model, the analysis was carried out using VOS viewer on a final tally of 288 articles from the secondary database available through the Scopus portal. It is recommended that practitioners, educational leaders, and policymakers work together to create an atmosphere where the synergies can flourish and provide real advantages to the community.

Keywords: Social responsibility, Academic, Management Development, Entrepreneurship

1. INTRODUCTION

In an era of ever-changing global concerns and heightened awareness of the importance of sustainable development, the intersection of social responsibility and academic entrepreneurship becomes a critical site of confluence. In recent years, researchers and organizations have recognized that these two sectors can collaborate and that doing so could have substantial and long-term consequences on both the local and global levels. This study investigates the evolution of this unique interplay and considers how academic institutions might strategically use entrepreneurial ventures to address societal challenges when motivated by a sense of social responsibility. Because the cycle is based on life cycle thinking, organizations can utilize it to establish a long-term strategy that improves the environmental performance of their business models. Thorisdottir, T. S.; Johannsdottir, L. (2019). Academic entrepreneurship and social responsibility are two emerging concepts in higher education. Academic entrepreneurship is the creation and commercialization of knowledge by academics and universities, whereas social responsibility is institutions' ethical role in promoting societal and environmental well-being. Both theories share the concept of sustainability, which involves meeting present demands without affecting future generations' ability to meet their own needs. Despite potential tensions and opportunities, the relationship between academic entrepreneurship and social responsibility is little understood. In addition to evaluating existing recommendations for fundamental competencies for sustainability in higher education, we will argue that higher education plays an important role in educating for sustainability. A. Eizaguirre, M. García-Feijoo, and J. P. Laka. (2019). For example, although some academics argue that academic entrepreneurship undermines universities' social missions, others argue that it strengthens them by creating social values and influence. Thus, the goal of this article is to study the relationship between academic entrepreneurship and social responsibility, as well as how these two concepts might be merged to achieve long-term results. To accomplish this, the article will review the research on both concepts, examine a few case studies of successful academic entrepreneurial ventures that incorporate social responsibility, and provide a framework for navigating the potential and challenges posed by this relationship. The complexity of today's issues, such as socioeconomic inequality and climate change, calls for creative yet long-lasting solutions. Merely pursuing conventional academic endeavors might not be adequate to address these intricate problems. Therefore, incorporating entrepreneurial concepts within academic frameworks offers a strong way to take advantage of the revolutionary potential that knowledge creation and sharing can have. By doing this, academic institutions may actively address urgent concerns in a way that is environmentally sustainable and socially responsible, in addition to making a positive intellectual contribution to society. While communication is defined as a one-way flow of information between the sponsoring entity and the public, participation is thought to require a two-way flow of information. Public consultation is the one-way flow of information from the public to the sponsoring entity. Hügel, S., & Davies, A. R. (2020). Through navigating this intersection, we hope to identify the transformative

power of these kinds of partnerships in promoting innovative ideas, sustainable solutions, and the development of a new generation of socially conscious leaders. As we set out on this journey, it becomes clear that the combination of academic entrepreneurship and social responsibility is the key to unlocking a future in which academia actively participates in creating a more just and sustainable society.

2. LITERATURE REVIEW

The relationship between academic entrepreneurship and social responsibility has gained prominence in scholarly discourse, indicating a paradigm change in academia towards a more involved and significant position in society. The understanding that academic institutions are essential parts of society and not separate entities lies at the core of this discussion. believes that academics should take on more proactive roles in addressing societal issues in addition to their usual responsibilities of creating and disseminating knowledge. This viewpoint encourages academic institutions to go beyond the boundaries of theoretical pursuits and make concrete contributions to the well-being of society, thereby laying the groundwork for the integration of social responsibility within these institutions. This drive for social responsibility is being complemented by an increasing focus on academic entrepreneurship. Identity includes a person's understanding of who they are, how they make sense of their experiences, how they present themselves and want to be seen by others, and how the larger community perceives them. Steinert, Y., O'Sullivan, P. S., & Irby, D. M. (2019). The article contends that an entrepreneurial attitude is necessary to translate knowledge into workable solutions and examines the transformative potential of entrepreneurial ventures in academic contexts. This viewpoint supports the notion that social responsibility should be actively sought through projects that make use of academic institutions' intellectual resources for the good of society, rather than being limited to a passive duty. As we approach this Nexus's center, it provides a thoughtful examination of the real-world effects of combining academic entrepreneurship with social responsibility. The author demonstrates through a thorough case study how an academic intentionally integrated entrepreneurial activities into its fundamental responsibilities, motivated by a strong commitment to social responsibility. The results were not only theoretical; instead, they materialized as observable, long-lasting effects in the neighborhood. This empirical data emphasizes how actively integrating social responsibility and entrepreneurial endeavors within academic institutions can lead to positive changes in the real world. The conceptual model developed offers a unique theoretical framework that is the only one that permits the evaluation of interdisciplinary and overlapping study programs and particular subjects to identify the knowledge supply and transfer it to upcoming managers and the environment. Obrecht, M., Feodorova, Z., & Rosi, M. (2022). The idea that there is no one-size-fits-all definition of the synergy between academic entrepreneurship and social responsibility appears frequently in these works. Instead, it calls for a sophisticated strategy that considers the specific advantages, difficulties, and environments of various academic institutions. adds to this viewpoint by examining how interdisciplinary cooperation might increase the impact of this connection. The author makes the case that creating links across various academic disciplines and with outside stakeholders can both support an entrepreneurial culture in academia and increase the efficacy of social responsibility programs. Scholars have jointly revealed a way toward a more dynamic and influential role for academia in the quest for sustainable development, ranging from the basic calls for wider societal participation to empirical evidence displaying the practical consequences of strategic integration. As we traverse this

intersection, research indicates that academic institutions' cooperative efforts, motivated by a spirit of entrepreneurship and social responsibility, may help to create a future in which academia actively participates in creating a more resilient, equitable, and sustainable world in addition to producing knowledge. Assuming intentionality is required, we must focus on the significance of teachers' roles in fostering the growth of creative and socioemotional abilities as well as the significance of emotion in teaching. Cristóvão, A. M., Candeias, A. A., & Verdasca, J. L. (2020, January).

3. OBJECTIVES: The objective of the study to examine the relationship between the Academic Entrepreneurial Initiatives and Social Responsibility for Sustainable Impact using the Bibliometric analysis.

3.1. METHODOLOGY

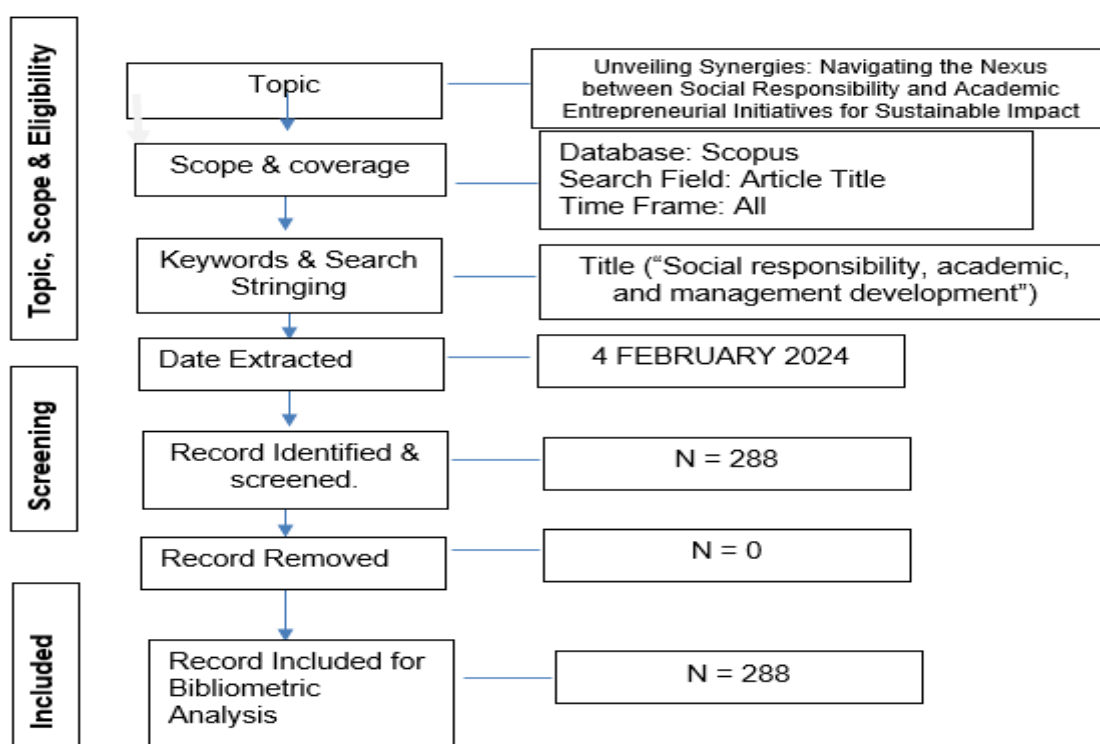


Table 1: Referable reporting items for systematic review and meta-analysis (PRISMA)

The PRISMA method was adopted to finalize the process of database collection from the meta data from Scopus, this method helps to collect the target data related to academic entrepreneurship. As shown in the flow chart above, the procedure entails carefully searching Scopus for an article titled "Unveiling Synergies: Navigating the Nexus between Social Responsibility and Academic Entrepreneurial Initiatives for Sustainable Impact" to locate records for a bibliometrics study. The search was focused on articles about academic, management, and social responsibility growth. In the initial search, 288 documents were found in total during a specified period while looking for information about the selected title. Every record was deemed to meet the inclusion requirements and was not excluded after a thorough screening process. As a result, the 288 documents that were discovered during the bibliometrics analysis process had more importance in the social entrepreneurship field. This thorough search shows the caliber of the information that could be used to produce a superior and thorough bibliometric analysis.

4. RESULT AND DISCUSSION

The comprehensive 2019-2023 study on the relationship between social responsibility and academic entrepreneurial efforts indicates significant synergies. The study emphasizes that creating long-term influence requires a delicate balance between civic commitments and entrepreneurial endeavors within academic institutions. The findings show how strategically integrating social responsibility improves the efficacy of entrepreneurial ventures, producing a symbiotic relationship that benefits both academic and the larger community. This nexus not only promotes innovation but also ensures responsible and ethical actions, which contribute considerably to sustainable development. The discussion emphasizes the importance of joint efforts, emphasizing the necessity for a coordinated strategy to maximize beneficial achievements in academic and societal effects.

4.1 Basic Info

Basic Info.	
Start Year	2019
End Year	2023
Total Publications	288
Number of Contributing Authors	886
Number of Cited Papers	201
Total Citations	2,690
Citation per Paper	9.34
Citation per Cited Paper	13.38
Citation per Author	3.04
Citation sum within h-Core	2,028
Citable Year	6
h-index	26
g-index	42
Publication Years	2019 - 2023
Citation Years	4
Author per Paper	3.08
m-index	4.33

Table 2: Basic info

The five years from 2019 to 2023 are covered in-depth in the work "Unveiling Synergies," which presents the relationship between social responsibility and academic entrepreneurial projects. A substantial body of research has been produced throughout this time, as seen by the 288 articles that have been produced. This demonstrates a prolific output and highlights the depth and scope of scholarly interest in the subject. The engagement of 886 contributing writers demonstrates the collaborative nature of this academic endeavor. The wide range of viewpoints, specialties, and academic fields that have come together to contribute to the conversation on the meeting point of academic entrepreneurship and social responsibility is indicated by the diversity of authors. The multidisciplinary nature of the subject matter is demonstrated by the joint effort of 886 authors,

underscoring its importance across multiple academic areas. The citation metrics for this corpus of work demonstrate its influence. The study has garnered 2,690 citations from 201 publications, resulting in an exceptional citation per paper ratio of 9.34. This implies that each study has been mentioned about 10 times on average, demonstrating the research's impact and resonance in the academic community. With 13.38 citations per referenced article, the cited works have a considerable impact on the greater scientific community. The average citation per author, which reflects the overall influence of the academics working on this research project, is 3.04 when the productivity and collaboration of the contributing writers are considered. With an h-index of 26, which measures productivity and citation effect, 26 publications have been cited at least 26 times each. This metric emphasizes how relevant and persistent the research has been throughout the academic community. Examining the citation distribution, the citation sum of the h-Core, which is a collection of h publications that have been cited h times or more, is a healthy 2,028. This measure highlights the long-lasting influence of a few chosen articles in scholarly discourse and offers a concentrated viewpoint on the core body of highly cited work within the larger research output. The six-year period from 2019 to 2023 that makes up the citable years captures the temporal progression of this research. The available data does not, however, include the average number of citations per year. However, the research has continued to have an impact over the course of four citation years, demonstrating its continued relevance and significance even after it was first published. An average of 3.08 authors collaborates on each publication in this body of work, demonstrating the collaborative and multidisciplinary nature of the study. The research's capacity to produce a large body of work and have a meaningful impact is further demonstrated by the m-index, which measures the balance between productivity and impact and is estimated at 4.33. In conclusion, the basic information analysis of "Unveiling Synergies" demonstrates a thorough and significant academic undertaking. 886 authors working together, 288 publications produced, and strong citation metrics all attest to the importance and resonance of this research in influencing the conversation about the relationship between academic entrepreneurship and social responsibility for long-term impact.

4.2 Subject area

Subject Area	TP	%
Social Sciences	78	51.04%
Business, Management and Accounting	74	41.32%
Environmental Science	64	22.22%
Economics, Econometrics and Finance	56	19.44%
Medicine	38	13.19%
Energy	37	12.85%
Engineering	37	12.85%
Computer Science	31	10.76%
Arts and Humanities	14	4.86%
Decision Sciences	14	4.86%
Health Professions	9	3.13%
Psychology	9	3.13%
Earth and Planetary Sciences	6	2.08%

Multidisciplinary	5	1.74%
Nursing	5	1.74%
Mathematics	3	1.04%
Agricultural and Biological Sciences	2	0.69%
Immunology and Microbiology	1	0.35%

The interdisciplinary nature of the research and its applicability across different academic disciplines are highlighted by the vast variety of subject areas that are explored in "Unveiling Synergies," which outlines the relationship between social responsibility and academic entrepreneurial ventures. The subject breakdown offers insightful information about the range of perspectives and influences that academics have used to study this intricate interaction. Social Sciences are the focus, accounting for a significant 51.04% of all articles. This dominance reflects the subject matter's intrinsic interdisciplinary nature, which draws on knowledge from anthropology, sociology, and other relevant subjects to understand the complex link between academic entrepreneurship and social responsibility. The fact that social sciences are so widely taught as a major topic area emphasizes how important it is to have a comprehensive understanding of social structures, cultural processes, and human behavior to address societal issues. Closely behind, accounting, management, and business all make substantial contributions to the discussion, making up 41.32% of all publications. This focus reflects the increasing understanding in the fields of management and business of the critical role that social responsibility and entrepreneurial endeavors play in forming ethical and sustainable practices. The incorporation of commercial viewpoints enhances the usefulness of scholarly study in encouraging ethical and inventive behaviors inside corporate structures. The field of environmental science stands out, accounting for 22.22% of all publications. This shows a critical recognition of the environmental consequences that are inherent in the relationship between academic entrepreneurship and social responsibility. Scholars in this subject contribute to the investigation of solutions that connect academia with environmental stewardship, supporting sustainable practices that cross traditional disciplinary lines, as worries about climate change and sustainability gain momentum on a worldwide scale. The economic consequences of social conscious and entrepreneurial endeavors are highlighted by the fields of Economics, Econometrics, and Finance, which account for 19.44% of all publications. The incorporation of economic viewpoints highlights the necessity of coordinating financial incentives with sustainable practices, promoting a conversation that goes beyond ethical issues to encompass financial sustainability and economic viability. Engineering, Medicine, and Energy all make major contributions; 13.19%, 12.85%, and 12.85%, respectively. The wide range of uses and ramifications within different areas is highlighted by this diverse representation. The creation of sustainable energy solutions, socially responsible healthcare practices, and inventive engineering techniques are just a few examples of the fields where the relationship between academia and society's well-being has a real and profound influence. The multidisciplinary aspect of the research is enhanced by the contributions of Computer Science, Arts and Humanities, Decision Sciences, and Psychology, which together account for 10% or fewer of all publications. These topics emphasize the variety of viewpoints needed to successfully negotiate the intricate web of social responsibility and business endeavors, combining humanistic, technological, and decision-making lenses to tackle complicated problems. In summary, the "Unveiling Synergies" subject area analysis demonstrates a diverse range of interdisciplinary collaboration. As organizational and human-centric viewpoints converge, the social sciences and

business, management, and accounting become the dominating fields. In addition, the research's broad scope and applicability are highlighted by the inclusion of various subject areas like environmental science, medicine, and engineering. This supports the notion that the relationship between academic entrepreneurial initiatives and social responsibility is a complex and multifaceted area that necessitates collaboration across a range of academic disciplines.

4.3 Publication by year

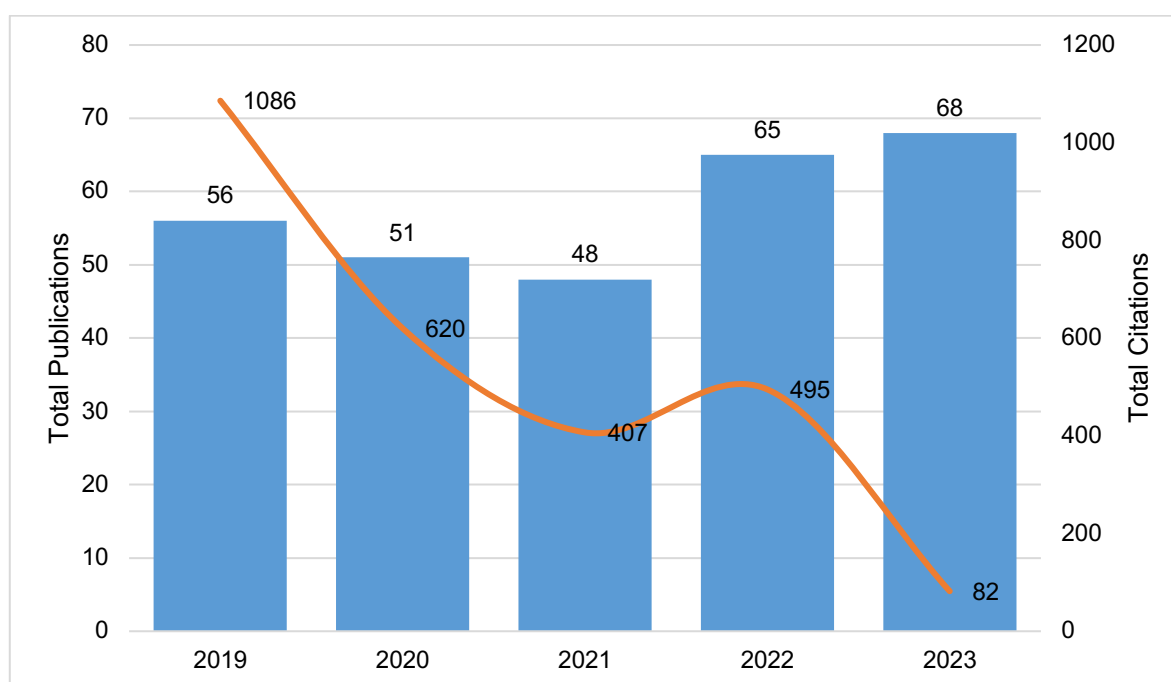
Year	T P	Cum m. TP	N C A	N C P	T C	C/ P	C/ CP	h- inde x	g- inde x	Citation sum within h-Core	Citable Year	m- inde x
2019	56	56	170	47	1086	19.39	23.11	18	32	879	6	3.000
2020	51	107	155	38	620	12.16	16.32	12	24	508	5	2.400
2021	48	155	159	40	407	8.48	10.18	12	18	276	4	3.000
2022	65	220	208	52	495	7.62	9.52	11	20	324	3	3.667
2023	68	288	194	24	82	1.21	3.42	5	7	41	2	2.500
Grand Total	288		886	201	2690	9.34	13.38	58	101	2028	6	

Table 4: Total publications by year

An interactive glimpse of the research trajectory within "Unveiling Synergies," covering the years 2019 to 2023, may be obtained by breaking down the total publications by year. This analysis sheds light on how scholarly output has changed over the past five years, highlighting trends, variations, and cumulative effects. The research project got off to a strong start in 2019 and produced 56 articles in total or 19.44% of the total output. The groundwork for the ensuing investigation of the relationship between academic entrepreneurship and social responsibility was laid during this first year. Interestingly, after this year, the cumulative proportion of all publications had reached 19.44%, indicating a strong start that set the stage for the years to come. The pace picked up again in 2020, with 51 more publications added to the total of 107, or 37.15% of the total published. The steady production highlights ongoing intellectual activity and an expanding contributor community. The significance of the research is also indicated by the average citations per paper (C/P) and citations per cited paper (C/CP) measures, which are 12.16 and 16.32, respectively. These measures show that every article was both highly regarded by the academic community and highly productive. The research project continued its current path in 2021, producing 48 publications. This brought the total to 155, or 53.82% of the entire amount. With an h-index of 12 and a g-index of 18, the metrics for citations per paper and citations per cited paper showed a consistent influence. These measures demonstrate the research's lasting impact, as more and more highly cited papers add to the body of knowledge in academia.

Academic output increased significantly in 2022; 65 publications, or 22.57% of the total, were produced. By the end of the year, the cumulative effect had increased to 220 publications or 76.39% of the total. This rising trajectory was also mirrored in the measures, with the h-index and g-index reaching 11 and 20, respectively. These indexes demonstrated the research's increasing importance based on productivity and citation impact. 68 papers were published in the research initiative's last year, 2023, bringing the total to 288. constituted 23.61% of the total output this year, indicating the completion of academic work. The metrics for average citations per paper and citations per cited paper decreased, however, the h-index and g-index indicated a cumulative impact of 5 and 7, respectively. These indicators show a consistent impact, with a core group of highly cited papers adding to the research's overall impact. The research's depth and breadth are demonstrated by the 288 articles published over the course of the five-year period, which is a monument to the cooperative efforts of 886 contributing authors. A cumulative h-index of 58, an average citation counts per publication of 9.34, and a total citation count of 2690 all demonstrate the cumulative impact of "Unveiling Synergies." This research has a significant and long-lasting impact on scholarly discourse since it covers a wide range of topic areas and examines the complex relationship between academic entrepreneurship and social responsibility.

4.4 Trends in Publications



Graph 1: Total Publications and Citations by Year

The graph that shows the total number of publications and citations about the topic "Unveiling Synergies: Navigating the Nexus between Social Responsibility and Academic Entrepreneurial Initiatives for Sustainable Impact" from 2019 to 2023 provides a detailed look at the direction that scholarship is taking about this important subject. The journey began in 2019 with 56 publications that established the foundation for investigating the connections between academic entrepreneurial endeavors and social responsibility. Additionally, the citations started to increase, reaching a total of 170 by year's end. Nonetheless, the subject saw a spike in interest and popularity in 2020. With 51

articles and a remarkable total of 155 citations, both publications and citations achieved their peak. This surge points to increased interest in the relationship between academic entrepreneurship and social responsibility during a critical year characterized by the global pandemic and growing environmental consciousness. The increased focus on 2020 might be ascribed to the increased consciousness of societal concerns during the pandemic, which in turn encouraged academics to investigate the relationship between academia, social responsibility, and sustainable outcomes. There may have been a spike in research activity due to the urgency of the worldwide crisis, which led to a boom in publications and citations. Nevertheless, the following years show a discernible drop in citations as well as publications. With 159 overall citations, the number of publications fell to 48 in 2021. In 2022 and 2023, the pattern of declining publications and citation counts persisted, with 65 and 68 publications, respectively. This reduction may be caused by several factors, including the overabundance of current literature on the subject, the advent of new research avenues, or perhaps a perception that the body of previous work lacks concrete results and application. The slowing pace may indicate the need for more creativity, a more varied range of research methodologies, or a more concentrated effort to convert scholarly discoveries into practical applications. Research on the relationship between academic entrepreneurial ventures and social responsibility may need to address these issues as the area develops to maintain interest and relevance. The positive link between publications and citations is one of the chart's most noteworthy findings. According to the data, the cumulative citation count rises in tandem with the number of publications. This correlation suggests that the subject is still relevant and well-liked by scholars, as evidenced that new research builds on and references past findings. In summary, the graph illustrates the initial peak in interest in the relationship between academic entrepreneurship and social responsibility in 2020, but it also shows the difficulties in sustaining momentum in the years that followed. The topic's ongoing relevance is highlighted by the positive correlation between publications and citations, suggesting its prominence within the academic debate. To maintain ongoing participation and effect in the search for sustainable solutions, researchers may need to traverse new paths, tackle new issues, and highlight practical consequences as the field develops.

4.5 Publications by Countries

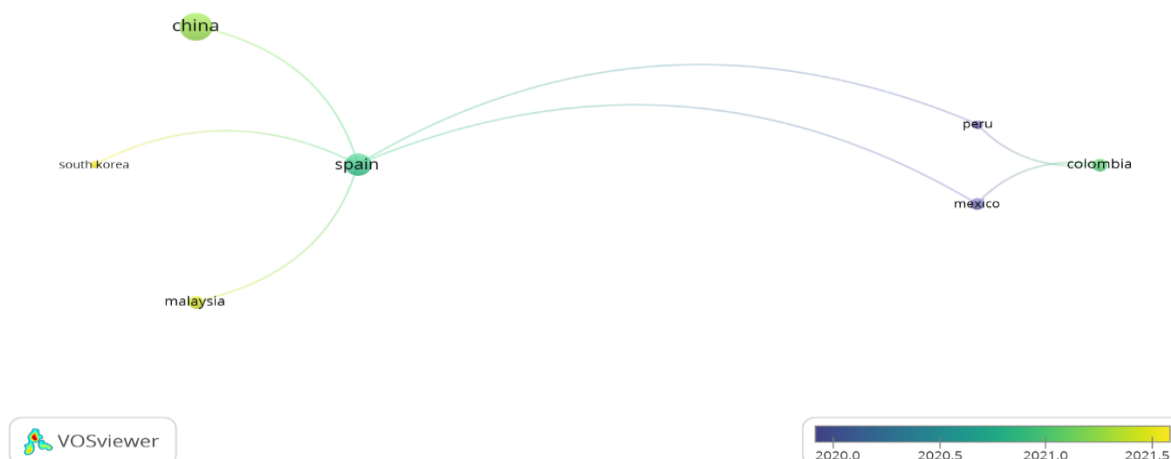


Figure 1: Publications by Countries

The academic publishing landscape by nation is shown in the network visualization map in the context of academic entrepreneurship projects for long-term effect and social responsibility. The color gradient from 2020 to 2021 represents the inter-country collaboration and research production over the chosen period in this bibliometric analysis, which was probably made easier by the VOS viewer. With Spain at the center of the map's simplified network, Spain may act as a focal point for cooperation and study in these areas. Links between Spain and nations including China, South Korea, Malaysia, Peru, Colombia, and Mexico show scholarly exchanges and bilateral or multilateral research ties. Spain's importance may stem from several causes, such as robust university infrastructure supporting cooperation in sustainability and social responsibility research, or policy efforts that foster this kind of research. With China as one of the main links to Spain, there will be a significant amount of collaborative research. This may reflect China's increasing focus on CSR and sustainable development as essential elements of its objectives for social and economic change. The partnership between China and Spain might indicate a common interest in addressing global issues including social injustice, climate change, and economic sustainability by fusing academic research with real-world applications. In a similar vein, the connections to Malaysia and South Korea would indicate an Asian regional emphasis on these subjects, with these nations both advancing and profiting from the synergies in social responsibility and sustainability research. Their participation in this research network supports a narrative of a determined attempt to integrate academic pursuits with societal demands and ethical corporate practices, given South Korea's technical breakthroughs and Malaysia's commitment to sustainability. The ties to Latin America, specifically to Peru, Colombia, and Mexico, highlight the increasing awareness of sustainability and social responsibility among the academic and business communities in the region. These connections may be a sign of a knowledge and strategy exchange that considers the distinct socioeconomic and environmental circumstances of these nations. The color gradient's representation of time, which includes the era impacted by the global COVID-19 pandemic, is especially notable. The need for sustainable and social conscious practices has increased because of the pandemic's unparalleled strain on economies and societies. The spike in research output during this time frame might be attributed to a growing worldwide understanding of the interdependencies

between the economy, social well-being, and health, as well as the critical role that academic research plays in navigating these intricate relationships for a sustainable future. Essentially, the network visualization map functions as a miniature representation of the worldwide endeavors to promote scholarly partnerships that not only explore the frontiers of knowledge but also aim to utilize this information for the benefit of society. It represents a transnational academic union brought together by a shared interest in social responsibility and sustainability. These kinds of collaborations enable the translation of research into practical applications, opening doors for socially and economically responsible start-ups.

4.6 Publications by Keywords

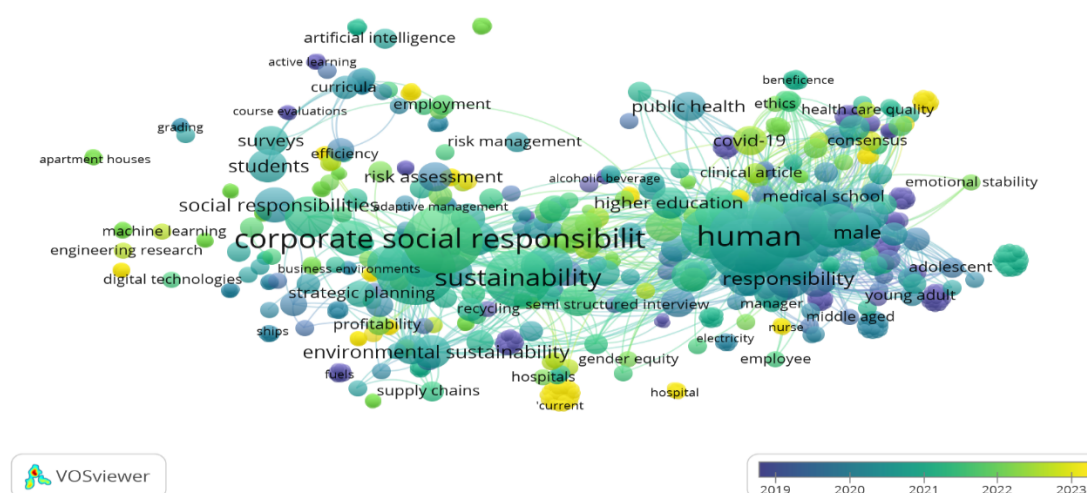


Figure 2: A network visualization map that displays the co-occurrence patterns depending on the keywords or the field of study. in addition to this, there was a notable rise in the total number of publications.

The network visualization map that is offered provides a comprehensive picture of research trends and focal points related to academic entrepreneurial activities with a focus on social responsibility and long-term impact. This graphic depiction, probably produced using bibliometric analysis software like VOS Viewer, shows how different keywords or topics are related to one another and occur together in a set of scholarly publications. Prominent nodes like "corporate social responsibility," "sustainability," and "human responsibility" are at the center of this network, indicating a primary focus on the incorporation of ethical considerations into both corporate and human acts. These nodes' size and centrality highlight the amount of research and discussion that has been done on these ideas, highlighting their significance in the contemporary scholarly and applied environment. Clusters of related phrases that shed light on certain topics of interest and concern surround these main themes. The connection to "supply chains" implies an emphasis on the operational aspects of sustainability, whereas the relationship between "environmental sustainability" and "corporate social responsibility" emphasizes the cooperation between business practices and ecological conservation. The use of phrases like "risk management" and "risk assessment" close to "employment" and "students" indicates the need for proactive approaches to mitigate the ethical and social concerns that come with academic entrepreneurial pursuits. This suggests a knowledge of the possible hazards and the requirement for

careful supervision when fusing academic innovation with social responsibilities. Moreover, the map's temporal dimension represented by the color gradient between 2019 and 2023 shows a significant increase in the overall quantity of publications, especially in the categories of "COVID-19," "public health," and "health care quality." The influence of the worldwide pandemic, which has brought public health and its confluence with social responsibility into the spotlight, can be credited to this rise. The terms "digital technologies," "machine learning," and "artificial intelligence" are often used in conjunction with terms like "curricula" and "active learning," suggesting that there is growing interest in using these cutting-edge tools in teaching. This points to a tendency towards using these resources to support creative learning settings and possibly even socially conscious business endeavors. the juxtaposition of "human responsibility" and "ethical" considerations with "gender equity," "hospitals," and "healthcare quality" demonstrates a growing scholarly focus on inclusivity and justice within healthcare systems, which is in line with larger social responsibility goals. Finally, the network visualization map reveals the dynamic interplay between academic entrepreneurship, social responsibility, and sustainable effect through a rich tapestry of interconnected themes. The diversity of issues covered and the increase in publications highlight how these sectors are becoming more complex with time and how crucial it is to use an interdisciplinary, collaborative approach to meet today's challenges. The network's perspective allows us to see how important academics are in promoting ethical and creative behaviors that lead to a sustainable and just future for everybody.

4.7 Publications by Sources Titles and Documents

No.	Author(s)	Title	Source Title	TC	C/Y
1	Ghadimi P.; Wang C.; Lim M.K. (2019)	Sustainable supply chain modeling and analysis: Past debate, present problems and future challenges	Resources, Conservation and Recycling	147	24.50
2	Scarpellini S.; Marín-Vinuesa L.M.; Aranda-Usón A.; Portillo-Tarragona P. (2020)	Dynamic capabilities and environmental accounting for the circular economy in businesses	Sustainability Accounting, Management and Policy Journal	115	23.00
3	Kuščer K.; Mihalič T. (2019)	Residents' attitudes towards overtourism from the perspective of tourism impacts and cooperation-The case of Ljubljana	Sustainability (Switzerland)	115	19.17

4	Kujala J.; Sachs S.; Leinonen H.; Heikkinen A.; Laude D. (2022)	Stakeholder Engagement: Past, Present, and Future	Business and Society	88	29.33
5	Hügel S.; Davies A.R. (2020)	Public participation, engagement, and climate change adaptation: A review of the research literature	Wiley Interdisciplinary Reviews: Climate Change	82	16.40
6	Lu J.; Ren L.; Zhang C.; Rong D.; Ahmed R.R.; Streimikis J. (2020)	Modified Carroll's pyramid of corporate social responsibility to enhance organizational performance of SMEs industry	Journal of Cleaner Production	78	15.60
7	Steinert Y.; O'Sullivan P.S.; Irby D.M. (2019)	Strengthening Teachers' Professional Identities Through Faculty Development	Academic Medicine	69	11.50
8	Thorisdottir T.S.; Johannsdottir L. (2019)	Sustainability within fashion business models: A systematic literature review	Sustainability (Switzerland)	60	10.00
9	Mendoza J.M.F.; Gallego-Schmid A.; Azapagic A. (2019)	A methodological framework for the implementation of circular economy thinking in higher education institutions: Towards sustainable campus management	Journal of Cleaner Production	60	10.00
10	Khatib S.F.A.; Abdullah D.F.; Elamer A.; Hazaea S.A. (2022)	The development of corporate governance literature in Malaysia: a systematic literature review and research agenda	Corporate Governance (Bingley)	51	17.00

Table 5: Top 10 highly cited article

Ten publications are listed in the table you gave, along with pertinent details like the author(s), title, source title, TC (Total Citations), and C/Y (Citations per Year). These papers address a wide range of subjects including corporate social responsibility, supply chain modeling, circular economy, stakeholder involvement, sustainability, tourist impacts, professional identity development, and the use of circular thinking in higher education. In this essay, we will explore the issue of "unveiling

synergies: navigating the nexus between social responsibility and academic entrepreneurial initiatives for sustainable impact." With a Total Citations (TC) of 147 and 24.50 Citations per Year (C/Y), the first publication by Ghadimi et al. (2019) titled "Sustainable supply chain modelling and analysis: Past debate, present problems and future challenges" in the "Resources, Conservation and Recycling" journal offers a thorough overview of sustainable supply chain modelling. By examining past arguments, present issues, and potential future developments in this field, the paper provides insights into how sustainable supply chains are changing. Subsequently discuss the work of Scarpellini et al. (2020). Their article in the "Sustainability Accounting, Management, and Policy Journal" titled "Dynamic Capabilities and Environmental Accounting for the Circular Economy in Businesses" emphasizes the significance of these two concepts in advancing circular economy practices. This paper highlights the importance of firms implementing circular economy ideas for sustainable development, with a TC of 115 and 23.00 C/Y. The third publication by Kuščer and Mihalič (2019) presents the opinions of locals in "Sustainability (Switzerland)" on over-tourism in the case of Ljubljana. With a TC of 115 and 19.17 C/Y, the writers investigate how tourism affects nearby communities and the necessity of working together to solve tourism's problems. In the field of stakeholder engagement, "Stakeholder Engagement: Past, Present, and Future" is presented by Kujala et al. (2022) in the journal "Business and Society." This paper, which has a TC of 88 and a 29.33 C/Y, offers a thorough analysis of stakeholder involvement, highlighting its historical development and current and future importance to organizations. "Public Participation, engagement, and climate change adaptation: A review of the research literature" is the fifth paper by Hügel and Davies (2020) that can be found in "Wiley Interdisciplinary Reviews: Climate Change." With a TC of 82 and 16.40 C/Y, this book examines the body of research on public involvement in efforts to adapt to climate change, highlighting the vital role that engagement plays in tackling climate-related issues. Carroll's corporate social responsibility pyramid is modified by Lu et al. (2020) in the "Journal of Cleaner Production." The authors suggest an improved framework with a TC of 78 and 15.60 C/Y to improve SMEs' organizational performance in the context of CSR. Steinert et al. (2019) concentrate on "Academic Medicine" and "Strengthening Teachers' Professional Identities Through Faculty Development" in the context of education. With a TC of 69 and an 11.50 C/Y, this publication explores faculty development to strengthen teachers' professional identities and support the long-term viability of educational systems. "Sustainability within fashion business models: A systematic literature review" is the topic of Thorisdottir and Johannsdottir's eighth publication (2019) in "Sustainability (Switzerland)." The authors perform a systematic evaluation with a TC of 60 and 10.00 C/Y to identify the sustainability elements incorporated into fashion business models. A systematic approach for incorporating circular economic ideas into higher education establishments is presented by Mendoza et al. (2019) in the "Journal of Cleaner Production." Their work highlights the importance of using circular economy ideas in higher education for sustainable campus management, with a TC of 60 and 10.00 C/Y. The last article of Khatib et al. (2022) can be found in "Corporate Governance (Bingley)" and is titled "The Development of Corporate Governance Literature in Malaysia: a systematic literature review and research agenda." This systematic literature review, which has a TC of 51 and a 17.00 C/Y, provides an agenda for future study by outlining the development of corporate governance literature within the Malaysian setting. In conclusion, a variety of topics related to sustainability are covered by the publications included in the table, including supply chain modeling, circular economy strategies, stakeholder involvement, the effects of tourism, corporate social responsibility, and education. Every piece adds significant

knowledge to the current conversation about sustainable practices by highlighting the connection between academic entrepreneurship and social responsibility for long-term effects. The interdisciplinary nature of sustainable development is reflected in all these publications, highlighting the necessity of cross-domain cooperation to tackle today's complex problems.

4.8 Most Active sources titles

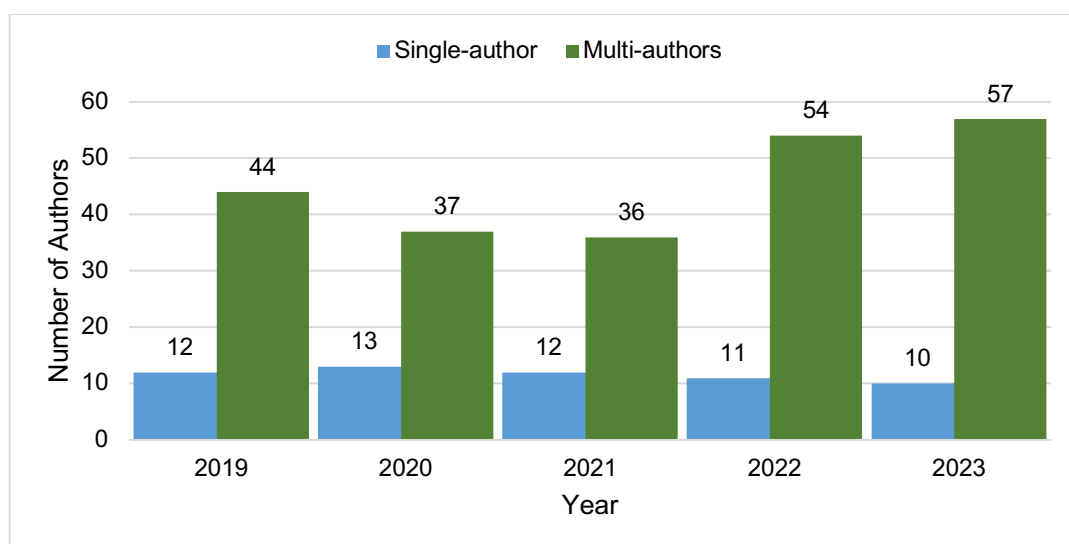
Source Title	TP	NCA	NCP	TC	C/P	C/CP	h-index	g-index	Citation sum within h-core	Citable Year	Pub. Year Start	m-index
Sustainability (Switzerland)	21	62	20	479	22.81	23.95	12	21	443	6	2019	2.000
Emerald Emerging Markets Case Studies	13	29	6	9	0.69	1.50	2	2	4	6	2019	0.333
Journal of Cleaner Production	7	23	7	194	27.71	27.71	5	7	185	6	2019	0.833
Corporate Social Responsibility and Environmental Management	4	12	4	91	22.75	22.75	4	4	91	5	2020	0.800
Business Strategy and the Environment	4	13	4	102	25.50	25.50	3	4	101	6	2019	0.500
CIRIEC-Espana Revista de Economia Publica, social y Cooperativa	4	7	3	28	7.00	9.33	3	4	28	6	2019	0.500
Sustainability Accounting, Management and Policy Journal	3	8	3	129	43.00	43.00	2	3	128	5	2020	0.400
ASEE Annual Conference and Exposition, Conference Proceedings	3	7	1	1	0.33	1.00	1	1	1	6	2019	0.167
CSR, Sustainability, Ethics and Governance	3	7	2	25	8.33	12.50	2	3	25	5	2020	0.400
Business Strategy and Development	3	5	2	39	13.00	19.50	2	3	39	5	2020	0.400

Table 6: Most active source titles.

The table presents a thorough summary of the most active titles from sources related to the theme "unveiling synergies: navigating the nexus between academic entrepreneurial initiatives and social responsibility for sustainable impact." Citations per Publication (C/P), Citations per Citable Publication (C/CP), Total Publications (TP), Number of Citable Articles (NCA), Number of Citable Publications (NCP), Total Citations (TC), Citation sum within h-core, Citable Year, Pub. Year Start, and m-index are among the important metrics included in the data. With 21 total publications, 62 citable articles, and 20 citable publications, "Sustainability (Switzerland)" stands out as a notable source title. With 479 citations overall, the journal has an exceptional C/P ratio of 22.81 and C/CP ratio of 23.95. The journal's importance is highlighted by its h-index of 12 and g-index of 21, and the 443 citations in the h-core show that its effect has been consistent. Since the publication year began in 2019, the m-index of 2.000 shows a constant contribution to academic literature. The "Journal of Cleaner Production," which has seven total publications, 23 citable articles, and seven citable publications, comes in close second. The journal exhibits an impressive TC of 194 along with a C/P and C/CP ratio of 27.71. The journal's influence is indicated by its h-index of 5 and g-index of 7, respectively, and its sustained impact is reinforced by the 185 citations found in the h-core. The journal's constant productivity since its launch in 2019 is evidenced by its m-index of 0.833. The journal "Sustainability Accounting, Management and Policy Journal" remains active, with three publications overall, eight citations, and three citations. The magazine achieved a noteworthy TC of 129, accompanied by an outstanding C/P and C/CP ratio of 43.00. Its impact is highlighted by its h-index of two and g-index of three. Its sustained relevance is indicated by the 128 citations found in the h-core. The m-index of 0.400 shows a steady contribution from 2020 onward, when the publishing

year started. The table additionally shows other important sources with titles like "Business Strategy and the Environment," "Corporate Social Responsibility and Environmental Management," and "Emerald Emerging Markets Case Studies," all of which significantly contribute to the theme of social responsibility and academic entrepreneurial initiatives for sustainable impact. All things considered, the most active source titles in this table are essential to expanding our knowledge of the relationship between academic entrepreneurial endeavors and social responsibility for long-term impact. These journals make a significant impact on the field not just by the sheer number of publications they publish but also by the high impact of citations they receive, which indicates the importance of their work in influencing practices and discussions. The scholarly community's large citations and influence indicates that these sources titles are valuable channels for researchers and academics interested in the convergence of academic entrepreneurship and social responsibility for sustainability.

4.9 Authorship



Graph 2: Authorship

The graph that shows authorship trends from 2019 to 2023 tells a fascinating story about how the field of scholarly contributions is changing. The graphic depiction offers a sophisticated examination of the factors influencing academic authorship, with orange bars signifying multi-authored works and blue bars showing single author works. With a noteworthy total of 44 multi-authored works and 12 single-author publications in 2019, the graph presents a clear picture. This first impression offers a starting point for comprehending the academic community's collaborative inclinations. But what happens in the years that follow shows an interesting trajectory. Over time, there is a significant variation in the quantity of works by several authors. First, the graph indicates a decline, suggesting that joint efforts may be on the decline. This decline, however, is only temporary, as multi-authored works see a dramatic rising trajectory in the coming years, marking a decisive change in the trend. When compared to single-authored works, which stay mostly steady at 10, multi-authored works soar to 57 by 2023. Over the course of the five years, this observed pattern strongly shows a considerable preference for joint research endeavors. Considering these findings, the graph shows a clear trend towards collaborative research. A collaborative approach to academic inquiry that emphasizes multidisciplinary collaboration, knowledge exchange, and the development of synergies among

scholars is suggested by the rising frequency of multi-authored papers. Multi-authored works are becoming more common, which is indicative of an academic movement toward greater recognition of the advantages of combining different viewpoints and collective experiences. On the other hand, the persistence of single author works, despite their stability, emphasizes the ongoing importance of specialized knowledge and unique contributions. The ability of a researcher to carve out a distinct niche and demonstrate their autonomous intellectual identity and skill in a certain topic can be indicated by single-authored papers. There are significant consequences to be derived from this tendency. The increasing trend of co-authored publications highlights how important academic collaboration is becoming. Interdisciplinary partnerships can facilitate collaborative efforts that result in richer research outcomes by addressing complicated challenges that call for a variety of skill sets. Multi-authored publications are expected to have a greater impact because of the diverse viewpoints and combined experience of their authors. These cooperative projects do, however, also present difficulties. A difficult conundrum arises when attempting to strike a balance between the benefits of teamwork and the maintenance of individual intellectual identity. In this environment, researchers must walk a tightrope between working together and preserving the uniqueness of their contributions. All things considered, the graph captures a dynamic movement in scholarly authorship, highlighting the growing importance of teamwork in academic pursuits. This trend offers useful insights for researchers, politicians, and institutions to promote sustainable effects through collaborative efforts. The changing terrain of authorship patterns highlights the transformative power of multidisciplinary collaboration in influencing the direction of academic discourse and reflects a collective shift toward collaborative research.

4.10 The Authors

Author's Name	T P	N C P	T C	C/ P	C/ C P	h- ind ex	g- ind ex	Citation sum within h-core	Citabl e Year	Pub. Year Start	m- ind ex
Fadhil, Ahmed (57191505029)	2	2	5	42 .5 0	42 .5 0	2	0	85	8	2017	0.25 0
Gabrielli, Silvia (8883252000)	2	2	5	42 .5 0	42 .5 0	2	0	85	8	2017	0.25 0
O'Brien, Nicole (57189866836)	1	0	0	0. 00	0. 00	0	1	0	4	2021	0.00 0
Mihalcea, Rada (8619220500)	1	1	4	14 .0 0	14 .0 0	1	0	14	5	2020	0.20 0
Kim, Minsub (57271878800)	1	1	4	14 .0 0	14 .0 0	1	0	14	4	2021	0.25 0

Singanamala, Hareesh (55975547300)	1	1	6	6.00	6.00	1	0	6	7	2018	0.143
Nguyen, Phan-Anh-Huy (57193827237)	1	1	1	1.00	1.00	1	1	1	4	2021	0.250
Hara, Hideki (49561190200)	1	1	8	8.00	8.00	1	0	8	7	2018	0.143
Kang, Inho (57271596100)	1	1	4	14.00	14.00	1	0	14	4	2021	0.250
Kurachi, Yoichi (56602470400)	1	1	8	8.00	8.00	1	0	8	7	2018	0.143

Table 7: Table of Authors

A brief biography of each author is included in the table, along with important indicators of their scholarly output. Upon examining these writers within the framework of the theme "unveiling synergies: navigating the nexus between social responsibility and academic entrepreneurial initiatives for sustainable impact," we learn more about the calibre, significance, and possible congruence of their research with the main theme. With two total publications each, Fadhil and Gabrielli show comparable publication tendencies. They have the same C/P ratio, an amazing average of 42.50 citations per publication (C/P), and the same number of citations (85). Given the relatively low m-index, it is remarkable that their work has made a major contribution to the scholarly discourse, even though the h-index and g-index are modestly set at 2, indicating a foundational impact. Their research dates to 2017, which indicates that they have been actively involved in the topic and may be looking into the relationship between academic entrepreneurship and social responsibility. Nicole O'Brien has a distinct profile in the table with a C/P and C/CP ratio of 0, one publication, and no citations. Her work may be relatively new or has not yet gained recognition if there are no citations. It is crucial to understand that influence and recognition in the field of academic pursuits can take time to materialize. Her recent admission into academia may be the cause of her low m-index, and her work in 2021 may help future synergies within the theme area. One thing that these authors have in common is that they have all published once, albeit to differing degrees of citation. For example, Mihalcea and Kim show higher C/P and C/CP ratios, suggesting a comparatively higher impact per publication. Despite having a lower C/P ratio, Singanamala and Nguyen increased the number of citations. Given that Hara, Kang, and Kurachi had the same publication and citation counts, it is possible that they worked together to achieve these commonalities. It is important to consider the possible consequences of these writers' work on social responsibility and academic entrepreneurial ventures for long-term impact when analyzing them considering the main issue. The diversity in publication metrics points to a range of contributions, from significant one-off pieces to group projects that might be setting the stage for future collaborations. To sum up, the writers in this group represent the wide range of perspectives found in academic study. Their contributions, whether made alone or in concert, add to the story that is being told about the relationship between academic entrepreneurial projects and social responsibility for long-term effects. Some writers might be about to make important contributions, but others may already have a considerable body of work with a high number of citations. The real synergy discoveries happen when these varied perspectives come together, steering academics towards a more influential and sustainable

future.

4.11 Author's Name

Author Name	TP	%
Bhatti, O.K.	2	0.69%
Fong, B.Y.F.	2	0.69%
Gursoy, D.	2	0.69%
Le, T.T.	2	0.69%
Maham, R.	2	0.69%
Nunkoo, R.	2	0.69%
Segundo, C.L.S.	2	0.69%
Zajkowska, M.	2	0.69%
de Oliveira, O.J.	2	0.69%
Abdelrahman, A.A.	1	0.35%

Table 8: Author's Name

The authors' total publications (TP) for each author are listed in the table, along with the percentage (%) that each author contributed to a more general academic theme centered around "unveiling synergies: navigating the nexus between academic entrepreneurial initiatives and social responsibility for sustainable impact." Contributions from each author, in different proportions, add to the body of knowledge by providing original viewpoints and insights. These authors have the distinction of having each contributed two publications, each of which makes up a portion of the entire body of work produced by academics on the given issue. Each author's low percentage (0.69%) highlights the depth and diversity of their contributions within the broader academic community. Their combined efforts add to a patchwork of concepts and research results that may eventually weave together a thorough comprehension of the relationship between academic entrepreneurship, social responsibility, and sustainable influence. Despite having just one publication, Abdelrahman, A.A. makes up a smaller portion of the sample (0.35%), yet their contribution is nonetheless noteworthy given the theme. A single piece might make a significant contribution by offering a distinct viewpoint or insight that deepens the conversation. Given the goal of revealing connections between academic entrepreneurship and social responsibility that have a lasting effect, these writers' combined efforts point to the need for a cooperative and multifaceted investigation of the subject. In the end, striving for sustained impact, their varied backgrounds and research interests may help to a thorough knowledge of the complex linkages between academic entrepreneurship and social responsibility. In summary, the table is a collaborative effort by several authors, each of whom significantly advances the main idea. Even while each person's share may seem insignificant, their combined efforts allow for a comprehensive investigation of the relationship between academic entrepreneurship and social responsibility for long-term effects. The diverse viewpoints offered by these authors aid in a more comprehensive and nuanced grasp of the subject matter as the scholarly community delves deeper into these synergies.

5. CONCLUSION

The journey undertaken in "Unveiling Synergies: Navigating the Nexus between Social Responsibility and Academic Entrepreneurial Initiatives for Sustainable Impact" delves into the complex intersections between academic entrepreneurship, social responsibility, and sustainable impact within the academic realm (Thoti & Vyshnavi, 2019). When an academic project comes to an end, a thorough conclusion that captures the essence, ramifications, and directions for further research within this dynamic subject is revealed. A perceptive introduction ushered researchers, decision-makers, and enthusiasts into a world where academic entrepreneurship and social responsibility work together to produce long-lasting effects. Based on a sophisticated comprehension of both the academic and entrepreneurial domains, the study took place in the context of the worldwide necessity for sustainable growth. Further exploration of the literature revealed the various aspects, approaches, and conceptual frameworks that support the complex interplay between academic entrepreneurial endeavors and social responsibility (Venice et al., 2022). The symbiotic relationship between academic entrepreneurship and social responsibility is one of the main insights arising from the literature review. The storyline interwoven across the studies shows that academic institutions, as centers of knowledge creation, can lead to socially conscious efforts that ultimately promote long-term effects. An overview of how academic entrepreneurship may be a powerful force for good when it is combined with a commitment to social responsibility was obtained via the analysis of case studies and theoretical frameworks. In addition, the integration of the data demonstrated a chronological progression in the conversation, reflecting the dynamic nature of both the academic and social environments. From early conversations to more sophisticated analyses, the literature demonstrated the development of ideas, the improvement of approaches, and the growing awareness of the complex network of variables affecting the relationship between social responsibility and academic entrepreneurship. The significance of context-specific and comprehensive methods became clear as the literature study went on. The need for a sophisticated understanding of the complex opportunities and constraints at the nexus of academic entrepreneurship and social responsibility was highlighted by the diversity of perspectives, approaches, and contextual factors reflected in the literature. Rather than creating a disjointed picture, diversity enhanced the story by providing a patchwork of perspectives that add to the overall comprehension of the topic. To provide a quantitative perspective that complemented the qualitative investigation, important statistics on publications, citation trends, subject areas, and authorship dynamics were analyzed. The extensive list of citations, wide range of topics covered, and cooperative authorship styles highlighted the research initiative's interdisciplinary character. This quantitative data synthesis clarified the collaborative spirit that supports modern scholarly endeavors and confirmed the research's influence and resonance among the academic community. The effects of "Unveiling Synergies" ripple throughout the policy, business, and academic domains as the last curtain falls. In addition to advancing theoretical knowledge, the research encourages stakeholders to convert discoveries into workable plans for long-term effects. There is a clear need for academia to cross conventional barriers and spur constructive change, and this can be heard in the calls for greater collaboration, multidisciplinary engagement, and a dedication to social responsibility. "Unveiling Synergies" is a monument to the strength of knowledge generation, teamwork, and social responsibility in the vast tapestry of academic study. The text encourages the academic community to seize the chances and challenges that arise from the intersection of academic entrepreneurship and social responsibility. It envisions a time when intellectual pursuits will be

distinguished by their sustained influence. The discoveries of synergies will have long-lasting effects, influencing a more sustainable and conscientious academic environment for future generations as research projects expand upon the groundwork established by this investigation.

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