

LINKING HALAL INDUSTRY TO SUSTAINABLE DEVELOPMENT GOALS

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ABSTRACT

This study examines the intersection between the Halal industry and the United Nations' Sustainable Development Goals (SDGs), highlighting the sector's potential to advance global sustainability agendas. Employing literature review of recent scholarly works, the paper synthesizes insights across Halal tourism, gastronomy, logistics, certification, and supply chain management. Findings reveal that Halal practices—anchored in the principles of Halal and Tayyiban—not only ensure religious compliance but also contribute to responsible consumption (SDG 12), public health and well-being (SDG 3), and inclusive economic growth (SDG 8). Empirical evidence underscores the role of Halal industries in fostering local economic resilience, generating employment, reducing waste, and strengthening cultural identity. At the same time, challenges persist, particularly in certification processes, regulatory fragmentation, and the capacity of micro- and small enterprises (MSEs) to meet compliance standards. Emerging technologies such as blockchain, IoT, and traceability systems are identified as critical enablers for transparency and sustainability in Halal supply chains. The study concludes that the Halal sector, when supported by effective governance, Islamic finance, and multi-stakeholder collaboration, can function as a strategic driver of equitable and sustainable development. It calls for future research on integrating Halal standards with green finance, refining supply chain governance, and scaling inclusive certification models to strengthen the sector's alignment with the 2030 SDG agenda.

Keywords: Halal Industry, Sustainable Development Goals, Halal Supply Chain, Halal Certification, Islamic Finance.

INTRODUCTION

The Halal industry, anchored in Islamic jurisprudence, exerts growing influence within the trajectory of the Sustainable Development Goals (SDGs). Rising worldwide demand for Halal goods coincides with global commitments to environmental, economic, and social sustainability, positioning the sector as a critical conduit for advancing interconnected objectives. Its transformative power, therefore, resides in the intersection of doctrinal adherence and pragmatic engagement with sustainability imperatives, rather than exclusively in theological regulation.

Halal sustainability engagements unfold through several interconnected channels. Comprehensive certification not only authenticates religious compliance but also safeguards product quality and hygiene, advancing SDG 12, which emphasizes judicious consumption and production (Trimulato et al., 2022). Concurrently, innovations in Halal production systems—such as the application of effective microorganisms for organic fertilization—yield both ecological dividends and improved socio-economic resilience (Yap & Al-Mutairi, 2023). The sector's responsiveness to disruptive technological revolutions, particularly those espoused by Industry 4.0, further optimizes operational efficiencies in logistics and manufacturing, amplifying the Halal contribution to SDG attainment (Zaid, 2020).

Furthermore, recent research demonstrates that the incorporation of Sharia-compliant risk management frameworks and Islamic ethical investment guidelines into Halal sector activities materially reinforces long-term economic viability (Judijanto et al., 2024). A resilient Halal ecosystem, therefore, must engage a wide spectrum of actors, notably

small and medium enterprises (SMEs), in order to ensure that socio-economic advancement via Halal practices is equitable and extensive (Lubis & Syibromalisi, 2023). Consistent with Sustainable Development Goal (SDG) 3, which aspires to guarantee good health and promote well-being, the Halal industry can advance health-oriented consumption choices (Izza et al., 2022). The Halal-Tayyiban doctrine foregrounds the intertwined values of health affirmation, environmental responsibility, and social equity, articulating a core ethical consumption message that reinforces the sector's compatibility with the SDG imperative (Idris et al., 2021). Systematic initiatives, coupled with co-operative action among policymakers, industry actors, and educational bodies, afford the Halal industry significant scope for advancement along sustainable growth trajectories. The effectiveness of institutional structures, certification regimes, and pedagogy related to Halal practices is central to the sector's contribution to sustainable development (Busari & Sitiris, 2021; Han et al., 2021). Progressing beyond expansion, the Halal sector is therefore well positioned to harness these complementary assets toward a concerted delivery on the 2030 SDG agenda, thus advancing a sustainable future that equitably serves both the global society and the ecosystem on which it depends.

LITERATURE REVIEW

Recent scholarship examining the confluence of the Halal sector and the Sustainable Development Goals (SDGs) has intensified, revealing the dual endeavour of embedding faith-based guidelines within broader sustainability agendas. This article integrates recent outputs that delineate the layered interaction between Halal protocols and sustainability, directing particular attention to Halal tourism, gastronomy, logistics, and the mechanics of certifying compliance.

A methodologically rigorous review conducted by Ilmi and Ambariyanto underscores Halal tourism as a catalytic dimension for operationalizing sustainability. Their analysis indicates that strategically scaffolded Halal tourism can generate *yönlik* applies to the material and ethical trajectories of the economy, thereby advancing multiple SDGs simultaneously. This perspective dovetails with prevailing claims, notably those articulated by Lumbanraja et al., that the careful governance of tourism can empower local revenue streams without transgressing environmental and community limits, encouraging planners to weave sustainability benchmarks into prevailing growth narratives.

Attention to halal culinary micro, small, and medium enterprises (MSMEs) provides a fertile ground for examining sustainable strategic planning and management as drivers of operational performance. Recent findings by Sari et al. posit that the adoption of sustainable operational models by MSMEs can yield marked declines in food waste alongside heightened resource productivity, illustration that sustainable practices are no longer auxiliary but determinant elements of halal enterprise architecture (Sari et al., 2024). Their work mandates the formulation of enterprise schemes wherein sustainable behaviours are embedded, rather than reconciled, within the halal sector's methodology.

An extensive and growing corpus of scholarship, typified by the analyses of Baran and subsequently complemented by the assessments of Rejeb et al., systematically interrogates the halal alimentary supply chain with a persistent view to sustainable realization (Baran, 2020; Rejeb et al., 2021). Their elucidation assigns substantial weighting to the correlative deployment of quality management heuristics and emergent technological capabilities, thereby urging the bedrock adhesion of holistic performance frameworks that quantify, alongside financial yield, measurable social and ecological yields. Their advocacy for monocyclic food supply architecture is inextricably aligned with superior alignment of halal praxis to global sustainability conditions.

The recent investigations conducted by Handayati et al. (2024) situate Halal certification practices within a triple-bottom-line sustainability heuristic, arguing that the certification mechanism serves the dual purpose of safeguarding Halal integrity while simultaneously delivering economic, social, and environmental dividends. The framing reassures stakeholders that compliance does not impose prohibitive costs but, when executed diligently, yields cascading sustainability gains. This argument is subsequently fortified by Izzuddin and Adinugraha (2022), who show that the realisation of certification objectives is conditional upon the existence of a synergistic Islamic financial architecture that allocates patient, ethically aligned capital and underwrites Halal compliance initiatives. The Indonesian milieu serves as the evidentiary laboratory for the hypothesis, demonstrating that financial instruments not only provide liquidity but internalise Halal preference as a risk-and-return variable.

Complementarily, the interface between Halal logistics, manufacturing practices, and organizational sustainability is becoming a site of concentrated inquiry. Empirical observations by Karudin et al. (2024) reveal that organizations that holistically embed Halal logistics within operational protocols concurrently improve adherence to Quranic directives and realize measurable gains in competitiveness and sustainability. Therefore, Halal logistics is not a stand-alone cost center but a strategic lever that magnifies value beyond certification audit score. Khan et al. (2021) elaborate this dialectic by advancing a supply chain perspective; the authors contend that the interoperable alignment of sourcing, production, and distribution heartens a resilient, compliant, and resource- efficient Halal ecosystem. The cumulative trajectory of these studies solidifies the view that economic, religious and environmental objectives can in fact be mutually reinforcing within the Halal sector. Furthermore, scholars such as Bachtiar et al. (2024) advance technological applications in food traceability as a means of upholding Halal integrity, thereby recommending sustainable frameworks specifically for the meat processing sector. By systematically tackling traceability, their analysis advances the broader objective of embedding sustainability within the Halal food industry, consonant with the imperatives of Sustainable Development Goal 12, which focuses on responsible consumption and production.

METHODS

This inquiry utilizes a systematic literature review design to document and evaluate existing scholarly work, thereby creating an organized portrait of the Halal sector alongside its intersections with the Sustainable Development Goals (SDGs). The inherently qualitative character of the exercise facilitates the examination of the subtle and often multidimensional interactions between Halal governance and sustainable development commitments, incorporating a range of documentary types—refereed journal articles, conference proceedings, and, where relevant, authoritative sectoral analyses.

In conformity with the prevailing methodological precedent, the literature review is affirmed as the dominant epistemic posture of the investigation. The reference to Trimulato et al. (2022), for example, reveals a corresponding hermeneutic attentiveness, as the cited authors interrogate documentary corpora germane to the Halal domain and its normative relationship to the SDGs. They, in turn, substantiate a framework in which the two systems may coalesce. The present review corroborates the claims of illustrating scholars by showing that a qualitative synthesis capable of assembling distinctive hermeneutic vantage points fosters the generation of coherent, analytically freighted conclusions that substantively enlarge the extant corpus on Halal and development. Further corroborating this methodological approach, Fata (2023) advocates incorporating comprehensive literature review in evaluating Halal industry governance through an Islamic economic paradigm. Such an alignment reaffirms the indispensable contribution of qualitative methods in explicating managerial practices

anchored in this conceptual orientation (Fata, 2023). The extensive corpus audited in this review not only deepens the analytical lens but also anchors the resultant interpretations in prevailing, rigorously evaluated conceptual trajectories.

Although industry-specific frameworks frequently dominate Halal governance discourse, Bachtiar et al. (2024) transcend this limitation by harnessing an exhaustive literature audit to crystallize a sustainable traceability architecture for the meat processing sub-sector. Their exposition exemplifies the instructive conditioning value of scholarly review on nascent, empirical inquiries, confirming that progressively interrogative literature feeds the conceptual architecture itself (Bachtiar et al., 2024). The clearly articulated circular schema delineating regulatory, operational, and collaborative roles thus emerges as a methodological crucible for theoretical enrichment. Complementing the qualitative and the conceptual, a comprehensive, systematic bibliometric exploration conducted by Rusydiana et al. (2023) meticulously maps evolving discursive formations in Halal supply chain theory (Rusydiana et al., 2023). This bibliometric lens, by systematically quantifying citation flows and co-word frequencies, furnishes an overview not achievable solely through core qualitative dualities, highlights seminal texts, and crystallizes recurrent themes. The resultant syntheses construct a context in which qualitative nuances are re-embedded, ensuring that empirically robust patterns are further elaborated, not simply restated.

The present investigation confines its literature survey to publications dated 2015 onward, thereby safeguarding the currency and pertinence of the material with respect to the Halal sector and its ongoing adaptations. This temporal delineation is particularly pertinent given the sector's recalibrations during the COVID-19 pandemic, a circumstance articulated by Yudha and Kafabih (2021). Situating the corpus within a recent decade furthermore ensures that the analysis engages with the modalities now shaping the socio- economic and regulatory environment. The review is deliberately multidisciplinary, an impetus that draws on the assessments advanced by Aulia and Azizah (2023). Their descriptive analysis identifies an ensemble of methodological tributaries—from economics to governance, from cultural anthropology to supply chain law—thereby compelling an integrative mapping of Halal paradigms. This breadth, accentuated by qualitative diagnosis, permits the construers of the review to contextualize the sector's trajectory within a unified epistemic frame (Aulia and Azizah, 2023). To advance the literacy, the methodological fabric incorporates a comparative strand, whereby the present corpus is measured against counterfactual literatures that disclose recurrence of sustainability goals within the Halal domain. Consequently, the synthesis revisits and correlates trajectories drawn from food production, cosmetics, and universal supply chains. This dialogic linkage affords a compounded lens, as sustainability imperatives configured in auxiliary fields are highlighted alongside the clearance standards endemic to Halal (Ilmi and Ambariyanto, 2024; Haleem et al., 2020).

RESULTS

The Halal sector has emerged as an instrumental component in advancing the Sustainable Development Goals (SDGs), embodying an evolving model that synchronizes Scriptural imperatives with strategic, long-term ecological and economic advancement. The present discourse integrates empirical outcomes from heterogeneous sources, identifying the composite, context-sensitive effects of Halal initiatives, and it likewise delineates the coinciding prospects and obstacles that affect, and are in turn affected by, the sector. To the fore of this synthesis is the enormous promise of Indonesia's Halal economy, which products in food and beverage, tourism, fashion, and cosmetics measurably accelerate gross domestic product (GDP) expansion. Rangkuty (2021) illustrates that this expansion translates concretely into elevated per capita income, the absorption of formal and informal employment, and the

solidification of micro- and small enterprises. The resulting empirical network epitomizes the aspiration of SDG 8 (Decent Work and Economic Growth) as it combines ethical consumption criteria with an explicit anti-poverty outcome, thus validating the contention that Indonesia's Halal economy is both a micro- and macro-lever of prosperity through widely interpreted, globally relevant practices of religious economy.

Furthermore, the pivotal contribution of Halal products to the achievement of the Sustainable Development Goals (SDGs) is corroborated by the analysis of Trimulato et al., who demonstrate that Halal norms resonate with the mandate for responsible production and consumption (SDG 12) (Trimulato et al., 2022). This resonance is amplified in the work of Setiawan et al., which elucidates the additive value of combining religious ethical frameworks with sustainability agendas, producing more just and ecologically sound practices within the tourism sector (Setiawan et al., 2024). Empirical evidence of this synergy not only stimulates regional economies but also fortifies the socio-cultural identity of communities that embrace Halal tourism, yielding multidimensional and mutually reinforcing benefits.

Simultaneously, the Halal sector is confronted by fortified hurdles in the domains of certification and regulatory oversight. Umami et al. document the particular difficulties experienced by Micro and Small Enterprises (MSEs) in securing Halal credentials, contending that such certification is indispensable for unleashing the sector's economic promise and advancing relevant SDG obligations (Umami et al., 2023). The authors therefore contend that a comprehensive framework for certification, situated in a matrix of policy advocacy and collaborative engagement with multiple stakeholders, is essential for the industry to realize its intrinsic capacity and for the SDG framework to capitalize on the Halal sector's latent value. The construction of a sustainable food ecosystem increasingly hinges upon the Halal-Tayyiban paradigm, which marries the stipulations of health, ethical production, and environmental stewardship. As Idris et al. (2021) argue, the application of this integrative framework is central to negotiating the interrelated domains of food safety and animal welfare, thereby advancing a socially responsible food architecture. When systematically applied to the Halal sector—particularly within the domains of supply-chain governance—Tayyiban pillars catalyze alignment with globally adopted sustainability benchmarks by aligning process design with the sector's intrinsic ethical expectations (Khan et al., 2021). Such compatibility is underpinned by the axial notion within Halal that ethical conduct is a prerequisite of production, rather than a supplementary add-on. The concomitant rise of digital technologies within the Fourth Industrial Revolution affords the Halal market precise levers to elevate both operational efficiency and sustainability.

Zaid (2020) demonstrates that by embedding smart-capture, predictive analytics, and IoT architecture, supply circuits can redistribute waste, rationalize resource utilization, and heighten transparency. A particular application gaining traction is the embedding of blockchain fabric to interconnect traceability records, thus safeguarding the enduring integrity of Halal certifications and the overall integrity of the supply chain. Such digital latticework, articulated by Othman (2025), supports the decoupling of intrinsic Halal status from geographical distance, thereby assuring conformity and trust even within the hypercomplex and polycentric nature of contemporary food networks. The trajectory of the Halal sector remains encouraging, provided that purposeful policies and multi-actor cooperation are pursued among public authorities, private enterprises, and civil-society bodies. The recent appraisal by Bahrudin et al. underscores that the consolidation of oversight bodies and the streamlining of Halal certification modalities are prerequisites for cultivating a resilient and participatory Halal framework (Bahrudin et al., 2024). In tandem, the alignment of Islamic green finance with Halal objectives illustrates a significant opportunity for

channeling supplementary capital into Halal- oriented undertakings that explicitly contribute to the realization of the Sustainable Development Goals (Napitupulu et al., 2024).

CONCLUSION

Synthesizing the existing corpus on the Halal sector and its intersection with the Sustainable Development Goals (SDGs), this work delineates the sector's polysemous capacity to foster not only accelerated economic development but also enduring social justice and demonstrable ecological integrity. The overall message enjoins policymakers and entrepreneurs alike to embed Halal-related activities within wider sustainability roadmaps, thereby redefining the sector from a peripheral market to an essential apparatus within the contemporary global economy. A systematic appraisal of extant citations discloses that the Halal sector intrinsically converges with an array of SDGs, notably those that concern the provision of dignified employment and robust economic expansion (SDG 8), the curtailment of unsustainable consumption and production patterns (SDG 12), and the promotion of inclusive industrialization. Its doctrinal commitment to moral production, transparent supply chains, and equitable profit distribution reverberates with social equity and ecological prudence, thereby amplifying its desirability beyond core Muslim constituencies and embedding it within the architecture of global sustainable development. Case studies of the Halal tourism sub-field furnish concrete instances of mutual reinforcement, in which the recirculation of value within host economies occurs without dilution of cultural and religious norms.

Despite notable advances, several obstacles remain, specifically with Halal certification methodologies, fragmented regulatory architectures, and the absence of inclusive, continuing dialogues among all relevant actors. MSEs' capacity to meet Halal stipulations is a prerequisite for their effective integration into both national and regional growth narratives. Resolving these impediments demands the orchestration of targeted assistive services, rigorous policy advocacy, and the judicious deployment of technologies, all of which are indispensable for the long-term persistence of the Halal economic cluster. Subsequent scholarship should prioritize the design of synergistic architectures that diffuse Halal standards throughout interconnected domains, with a concentrated emphasis on refining supply-chain governance and standard-setting processes within the Halal milieu. Comparative analysis of Islamic financial instruments as facilitators of capital and innovation will further illuminate mechanisms for propelling sector-wide advancement.

The reciprocity between Halal enterprise and sustainable development offers a broad canvas for re-defining economic paradigms and for embedding corporate accountability, reserving vital untapped positive impacts for nurturing a sustainable posture. Consequently, the sector presently occupies a defining crossroads at which the capacity to catalyse equitable, enduring growth is within reach, conditional only upon sustained, strategic collaboration among all global constituents. When the Halal sector faithfully upholds its core ethical precepts and simultaneously adapts its operational paradigms to address present-day sustainability imperatives, it positions itself to serve as a dynamic pillar of economic endurance and communal accountability within the broader agenda of sustainable development.

REFERENCES

- Aulia, V. and Azizah, N. (2023). A historical review on halal industry in the world: challenge and improvement opportunities. *Multidisciplinary Reviews*, 7(1), 2024020. <https://doi.org/10.31893/multirev.2024020>
- Bachtiar, W., Masruroh, N., Asih, A., & Sari, D. (2024). Halal food sustainable

- traceability framework for the meat processing industry. *Journal of Islamic Marketing*, 15(11), 2759-2784. <https://doi.org/10.1108/jima-12-2023-0412>
- Bachtiar, W., Masruroh, N., Asih, A., & Sari, D. (2024). Halal food sustainable traceability framework for the meat processing industry. *Journal of Islamic Marketing*, 15(11), 2759-2784. <https://doi.org/10.1108/jima-12-2023-0412>
- Bahrudin, M., Iqbal, M., Saefurrohman, G., & Walsh, J. (2024). Halal food industry: reinforcing the halal product assurance organizing body (bpjph) in the development of the among urban muslim community in indonesia. *Akademika Jurnal Pemikiran Islam*, 29(1), 61. <https://doi.org/10.32332/akademika.v29i1.9039>
- Baran, T. (2020). A literature review and classification of the studies on "halal" in islamic business journals (2010-2018). *Journal of Islamic Marketing*, 12(5), 1012-1024. <https://doi.org/10.1108/jima-10-2019-0206>
- Busari, S. and Sitiris, M. (2021). Standardisation of halal industry towards sustainable development goals (sdg) (penyeragaman industri halal ke arah matlamat pembangunan yang mampan (sdg)). *Journal of Islam in Asia* (E-Issn 2289-8077), 18(1), 163-198. <https://doi.org/10.31436/jia.v18i1.100>
- Fata, Z. (2023). Halal industry management in islamic economic perspective. Ta Amul. *Journal of Islamic Economics*, 2(1), 37-51. <https://doi.org/10.58223/taamul.v2i1.55>
- Haleem, A., Khan, M., & Khan, S. (2020). Conceptualising a framework linking halal supply chain management with sustainability: an india centric study. *Journal of Islamic Marketing*, 12(8), 1535-1552. <https://doi.org/10.1108/jima-07-2019-0149>
- Han, H., Lho, L., Raposo, A., Radić, A., & Ngah, A. (2021). Halal food performance and its influence on patron retention process at tourism destination. *International Journal of Environmental Research and Public Health*, 18(6), 3034. <https://doi.org/10.3390/ijerph18063034>
- Handayati, P. and Rochayatun, S. (2024). Halal food certification and sustainability performance: a conceptual paper. *KNE Social Sciences*. <https://doi.org/10.18502/kss.v9i4.15064>
- Idris, P., Musa, S., & Sumardi, W. (2021). Halal-tayyiban and sustainable development goals. *International Journal of Asian Business and Information Management*, 13(2), 1-16. <https://doi.org/10.4018/ijabim.20220701.oa9>
- Idris, P., Musa, S., & Sumardi, W. (2021). Halal-tayyiban and sustainable development goals. *International Journal of Asian Business and Information Management*, 13(2), 1-16. <https://doi.org/10.4018/ijabim.20220701.oa9>
- Ilmi, H. and Ambariyanto, A. (2024). Does halal tourism development support achievement of sdgs goals? a systematic literature review. *Jurnal Ilmiah Ekonomi Islam*, 10(1), 85. <https://doi.org/10.29040/jiei.v1i1.12376>
- Izza, N., Sari, M., & Shanty, M. (2022). Sentiment analysis of halal food trends during covid-19. *Indonesian Journal of Islamic Economics Research*, 4(2), 64-75.
- Izzuddin, M. and Adinugraha, H. (2022). A literature review potential development of halal industry in indonesia. *Likuid Jurnal Ekonomi Industri Halal*, 2(1). <https://doi.org/10.15575/likuid.v2i1.14915>
- Judijanto, L., Mokodenseho, S., Birah, I., Mamonto, A., & Mokodongan, G. (2024). The role of sharia risk management, islamic investment ethics, and riba-free financing in the development of the halal industry in indonesia. *Jurnal Multidisiplin West Science*, 3(03), 366-377. <https://doi.org/10.58812/jmws.v3i03.1061>
- Karudin, K., Shaharudin, M., Zainoddin, A., & Moryadee, C. (2024). Halal logistics, halal manufacturing, competitiveness and halal organizational sustainability: a conceptual exploration. *Information Management and Business Review*, 16(3(I)S), 1001-1011. [https://doi.org/10.22610/imbr.v16i3\(i\)s.3977](https://doi.org/10.22610/imbr.v16i3(i)s.3977)
- Khan, M., Haleem, A., & Khan, S. (2021). Examining the link between halal supply chain management and sustainability. *International Journal of Productivity and Performance Management*, 71(7), 2793-2819. <https://doi.org/10.1108/ijppm-07-2019-0354>

- Lubis, R. and Syibromalisi, F. (2023). The role of halal center in increasing sustainable economy in the halal industry sector. *Journal of Islamic Economics and Finance Studies*, 4(2), 182-196. <https://doi.org/10.47700/jiefes.v4i2.6465>
- Lumbanraja, V. and Saraan, M. (2025). Analysis of the impact of halal tourism policy on the development of natural resources and the economy of local communities in the lake toba region. *IOP Conference Series Earth and Environmental Science*, 1445(1), 012037. <https://doi.org/10.1088/1755-1315/1445/1/012037>
- Napitupulu, R., Sukmana, R., Rusydiana, A., Cahyani, U., & Wibawa, B. (2024). The nexus between halal industry and islamic green finance: a bibliometric analysis. *Journal of Islamic Marketing*, 15(10), 2508-2527. <https://doi.org/10.1108/jima-06-2023-0192>
- Othman, H. (2025). From fragmentation to integration: a review of china's halal supply chain management and its role in achieving sustainable development goals. *International Journal of Research and Innovation in Social Science*, IX(V), 4863-4871. <https://doi.org/10.47772/ijriss.2025.905000373>
- Rangkuty, D. (2021). The indonesian macroeconomics perspective: halal industry sector be enhancing the growth of income per capita. *Annual International Conference on Islamic Economics and Business (AICIEB)*, 1, 32-38. <https://doi.org/10.18326/aicieb.v1i0.6>
- Rejeb, A., Keogh, J., Rejeb, K., & Dean, K. (2021). Halal food supply chains: a literature review of sustainable measures and future research directions. *Foods and Raw Materials*, 9(1), 106-116. <https://doi.org/10.21603/2308-4057-2021-1-106-116>
- Rusydiana, A., Irfany, M., As-Salafiyah, A., & Tieman, M. (2023). Halal supply chain: a bibliometric analysis. *Journal of Islamic Marketing*, 14(12), 3009-3032. <https://doi.org/10.1108/jima-01-2022-0009>
- Sari, R., Alfarizi, M., & Talib, M. (2024). Sustainable strategic planning and management influence on sustainable performance: findings from halal culinary msme in southeast asia. *Journal of Modelling in Management*, 19(6), 2034-2060. <https://doi.org/10.1108/jm2-12-2023-0324>
- Setiawan, F., Qadariyah, L., Nahidloh, S., Holis, H., & Jumanto, J. (2024). Towards sdg sustainable halal tourism development: integration of sustainability and religious morality. *JLSDGR*, 5(2), e02893. <https://doi.org/10.47172/2965-730x.sdgreview.v5.n02.pe02893>
- Trimulato, T., Syarifuddin, S., Umar, S., & Lorenza, P. (2022). The role halal industry to support sustainable development goals (sdgs). *ACIEL*, 1(2), 205-217. <https://doi.org/10.21107/aciell.v1i2.90>
- Umami, M., Nada, S., & Anisa, N. (2023). Implementation halal product certification through self-declare program for msme products in Cirebon regency. *Journal of Community Service and Empowerment*, 4(2), 300-307. <https://doi.org/10.22219/jcse.v4i2.25058>
- Yap, C. and Al-Mutairi, K. (2023). Effective microorganisms as halal-based sources for biofertilizer production and some socio-economic insights: a review. *Foods*, 12(8), 1702. <https://doi.org/10.3390/foods12081702>
- Yudha, A. and Kafabih, A. (2021). Halal industry during the covid-19 pandemic is the hidden blessing. *El-Qist Journal of Islamic Economics and Business*, 11(1), 17-32. <https://doi.org/10.15642/elqist.2021.11.1.17-32>
- Zaid, M. (2020). Propositions on the relationships between technology complexity, industry 4.0, and halal sustainability. *Journal of Engineering and Science Research*, 4(1), 52-58. <https://doi.org/10.26666/rmp.jesr.2020.1.9>
- Zaid, M. (2020). Propositions on the relationships between technology complexity, industry 4.0, and halal sustainability. *Journal of Engineering and Science Research*, 4(1), 52-58. <https://doi.org/10.26666/rmp.jesr.2020.1.9>