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Research Article



From Edo Period to Present: Tracing the Development of Japanese Graphic Design in Posters

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ABSTRACT

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Over the course of centuries, Japanese poster design has evolved to reflect the country's cultural, social, and technological advancements. However, a comprehensive study that traces the evolution of Japanese poster design from the Edo Period to the present, from an interdisciplinary perspective, is required. The purpose of this study was to look into the technological, sociopolitical, cultural, historical, and artistic aspects of Japanese poster design. The study used interdisciplinary methodologies to detect changes in design styles, thematic issues, and visual communication tactics throughout time. Content analysis was the main research method employed in this study, which had a qualitative research design. Both primary and secondary data, such as old posters and archival documents, were gathered and analyzed. Comparative analysis and visual analysis tools were used to identify patterns, motifs, and shifts in Japanese poster design. The study discovered that historical, cultural, sociopolitical, technological, and aesthetic factors all had a significant impact on Japanese poster design. The impact of socio-political factors at different periods, the distinctive characteristics and features of poster design during the Edo Period, the entry of Western influences during the Meiji Period, and current trends and styles in contemporary Japanese poster design were all exposed. Through the presentation of an extensive analysis from multidisciplinary perspectives, this work advanced our comprehension of the development of Japanese poster design. The results enhanced knowledge and awareness of Japanese visual culture and provided educators, cultural institutions, and designers with relevant data. The study also underlined how crucial it is to look at design history and cultural evolution utilizing interdisciplinary techniques.

Keywords: Japanese Poster Design; Evolution; Interdisciplinary Perspectives; Content Analysis; Visual Analysis; Socio-political Factors.

INTRODUCTION

The intriguing material of Japanese art and design history, which spans many centuries, is characterized by a wide variety of artistic styles and cultural influences. The distinctive aesthetics and methods of Japan have had a significant influence on the international art landscape (Sugimoto, Wijesundara, Mihara, & Nagamori, 2022). Understanding Japanese art and design history is critical for tracing the growth of Japanese poster design from the Edo period to the present. One of the most well-known eras in Japanese art history is the Edo period (1603-1868), which was characterized by a shogunate-governed period of relative peace and stability (Hayes, 2019). Painting, porcelain, calligraphy, textiles, lacquerware, and other art forms all flourished throughout this time (Chang, 2023). During this period, notable art trends such as Rinpa, which stressed strong and decorative designs inspired by traditional Japanese motifs, and Maruyama-Shijo, which emphasized realistic and naturalistic depictions, developed (Hayes, 2019). During the Edo period, ukiyo-e, a popular type of woodblock prints depicting images from the "floating world" of entertainment, such as Kabuki players, geisha, landscapes, and historical narratives, flourished (Forrer, 2018). Ukiyo-e prints featured brilliant colors, dynamic compositions,

and exquisite details, laying the groundwork for subsequent advances in Japanese visual arts. The Meiji period (1868-1912) saw Japan undergo dramatic transformations as the country quickly modernized and opened up to Western influences. There was a significant shift in artistic techniques, styles, and subject matter during this period (Nagaoka & Nakayama, 2021). Western-fashion oil painting, watercolor, and pastel approaches had been introduced, in addition to new views on angle and composition. Artists and architects have been inspired with the aid of Western artwork forms like Impressionism, Art Nouveau, and Realism, whilst incorporating traditional Japanese elements into their works (Spadijer, 2022). This East-West fusion ended in a distinct visual language that conveyed Japan's desire to seize up with the developed world.

Taisho (1912-1926) became a period of inventive and cultural experimentation. Additionally, new creative strategies like college and pictures were added at some stage in this time. These international traits had an impact on Japanese designers and artists, who commenced experimenting with unconventional strategies of visual expression (Prischman, 2022). Japan quickly industrialized all through the Showa length (1926-1989), which became observed via the destruction of World War II and the following publish-battle reconstruction. A considerable spectrum of artistic responses emerged at some point during this time, starting from conventional and conservative representations to the emergence of modernist and summary art moves (Sandler, 2003). Posters play a critical position in picture layout, serving as effective tools for visual-verbal exchange. The awareness of simplicity, calligraphy, nature, and cultural iconography distinguishes Japanese graphic layouts. Japanese photograph design has evolved over the years, from traditional woodblock prints of the Edo duration to adopting Western principles at some stage in the Meiji generation. It now mixes conventional and current factors, establishing Japanese photograph design as a colorful and influential force. Japanese designers were instrumental in defining the nation's visible culture, in particular in the fields of image design, product layout, and architecture (Nagaoka & Nakayama, 2021). The concept of "good design" (or "Miyabi") has grown in importance, with an emphasis on functionality, simplicity, and elegance. Japanese art and design continue to evolve in the modern day, driven by worldwide trends and cultural exchanges. Today, the synthesis of traditional techniques and aesthetics with modern technology and concepts is a defining feature of Japanese art and design (Hosking, 2019). Japanese artists and designers have achieved international acclaim in a variety of sectors such as modern art, fashion, animation, and graphic design (Rampazzi et al., 2020).

While Japanese poster design has a long and rich cultural history, there is a study vacuum in comprehending its progression from the Edo period to the present. Existing literature on Japanese poster design frequently concentrates on certain historical periods, individual artists, or thematic issues, resulting in a fragmented knowledge of its overall trajectory (Yokoyama et al., 2022). There is a scarcity of interdisciplinary studies that take into account the larger socio-cultural, aesthetic, and technological variables that have influenced the evolution of Japanese poster design over time (Itaba & Shiota, 2020). This study gap necessitates a more in-depth investigation that fills current knowledge gaps and provides a comprehensive picture of the evolution of Japanese poster design. As a result, the following research questions and research objectives are addressed in this study, as indicated in Table 1.

Table 1. Research Questions and Objectives			
Research Questions	Objectives		
1. How has Japanese poster design evolved from the Edo period to the present, considering changes in artistic styles, thematic concerns, and visual communication strategies?	1. To trace and analyze the evolution of Japanese poster design from the Edo period to the present, considering changes in artistic styles, thematic concerns, and visual communication strategies.		
2. What are the key socio-cultural, technological, and artistic factors that have influenced the development of Japanese poster design over time?	2. To identify and examine the socio-cultural, technological, and artistic factors that have influenced the development of Japanese poster design over time.		
3. How have traditional Japanese aesthetics and Western art movements influenced the visual language and design principles of Japanese posters?	3. To explore the interplay between traditional Japanese aesthetics and the influences of Western art movements in shaping the visual language and design principles of Japanese posters.		
4. What is the impact of Japanese poster design on consumer behavior, advertising practices, and visual communication strategies in Japan?	4. To investigate the impact of Japanese poster design on consumer behavior, advertising practices, and visual communication strategies in Japan.		
5. How has Japanese poster design contributed to the global design scene and influenced designers worldwide?	5. To examine the global significance of Japanese poster design, its influence on designers worldwide, and its contributions to the broader field of graphic design and visual culture.		

For many reasons, it is essential to comprehend the development of Japanese poster design. For starters, Japanese posters reflect the cultural, social, and political circumstances of various historical times. We can acquire insights into the transitions of Japanese society and its visual culture by evaluating the changes in artistic styles, thematic issues, and visual communication tactics used in Japanese posters (Schimkowsky, 2022). The posters serve as historical artifacts, capturing the essence of their era and representing the Japanese people's ideals, goals, and worries. Second, researching the evolution of Japanese poster design allows for an investigation of the interaction between traditional Japanese aesthetics and the impacts of Western art movements and worldwide design trends. The incorporation of traditional and modern features in Japanese posters demonstrates adaptability and creative synthesis of aesthetic influences (Tamaki, 2021). This approach offers a unique viewpoint on the dynamics of cultural exchange and adaptation in the visual arts, revealing how Japanese designers navigated and assimilated external influences while retaining their distinct visual language (Suzuki, 2017).

LITERATURE REVIEW

Overview of Japanese Poster Design in the Edo Period

The Edo period (1603-1868) in Japan was distinguished by a distinct sociopolitical system ruled by the Tokugawa shogunate, Japan maintained relative peace and stability during this period, resulting in the creation of a lively and prosperous society (Kim et al., 2023). Power shifted from the samurai to the merchant classes during the Edo period, resulting in the emergence of a new urban culture centered on thriving cities, especially Edo (Khales & Meier, 2013). During this period, numerous fields, including the arts, theater, literature, and visual culture, made significant progress. Posters were important in visual communication and information distribution throughout the Edo period. It is crucial to remember, however, that the concept of posters as we know them now did not exist at the time. Instead, ukiyo-e woodblock prints were a key medium for visual communication (Nguyen, 2020). Landscapes, historical events, scenes from daily life, kabuki players, and beautiful women (bijin-ga) were among the subjects featured in Ukiyo-e prints. These prints were developed collaboratively by artists, publishers, carvers, and printers (Shiratori et al., 2022). The prints were mass-produced and reasonably priced, allowing them to reach a wide audience. Ukiyo-e prints were not only treasured as works of art, but also as a method of entertainment and communication. Ukiyo-e prints from the Edo period had brilliant colors, strong compositions, and exquisite details that captivated spectators' imaginations (Schimkowsky, 2022).

Figure 1 (a) represents The Hōgen Rebellion was a significant historical event in Japan. It marked a power struggle for control of the Imperial Court. Figure 1 (b) represents the main streets in Suruga-cho and Hihonbashi were very popular among the ukiyo-e artists, who repeatedly included them in their Meisho-e (pictures of famous places) series for the clear view of Mount Fuji seen from there. Figure 1 (c) represents the Japanese woodblock prints produced during the Edo period.





(b)



(c)

Figure 1. Japanese Poster in the Edo Period

Evolution of Japanese Poster Design during the Meiji Era

The Meiji era (1868-1912) in Japan was a watershed moment in the country's history, as the country underwent rapid modernization and opened up to Western influences (Shogaki et al., 2019). This time period saw significant developments in many elements of Japanese civilization, including art, design, and visual culture (Sasaki et al., 2022). The Meiji era was marked by a great desire to catch up with and adopt Western ideas and technologies (Watanabe, 2001). This modernization drive had a tremendous influence on Japanese art and design, particularly poster design as shown in Figure 2. The advent of Western-style printing techniques, particularly lithography, transformed the printing industry and had a significant impact on the manufacturing and aesthetics of Japanese posters (Itaba & Shiota, 2020). Japanese designers and artists aggressively sought influence from

Western art movements and design concepts during the Meiji era (Kikuchi, 2004). They studied and absorbed Western graphic design approaches and styles such as Art Nouveau, Realism, and Impressionism. The blending of Western and Japanese artistic elements produced a distinct visual language that defined Meiji-era poster design.

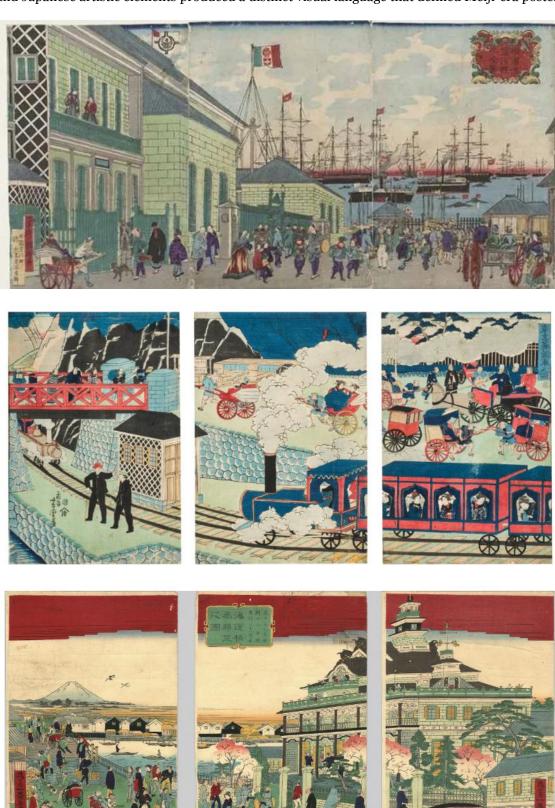


Figure 2. Japanese Posters in Meiji Era

Modernization and Western Influences on Japanese Poster Design

The process of modernization in Japan during the Meiji era (1868-1912) had a significant impact on many sectors of society, including art and design. Rapid modernization efforts aimed at aligning Japan with the Western developed nations resulted in substantial changes in Japanese poster design as is in Figure 3. Modernization resulted in developments in technology, communication, and transportation, all of which altered poster creation and dissemination (Biron et al., 2020). The advent of Western-style printing techniques, particularly lithography, transformed the printing industry and had a profound impact on Japanese poster design. Lithography enabled designers to experiment with new colors, gradients, and details, resulting in more complicated and visually attractive posters (Farhan et al., 2019).



Figure 3. Modernization and Western Influences on Japanese Poster

In addition, the Meiji period saw a rise in urbanization, mass media, and a vibrant consumer culture, all of which contributed to a need for promotional products and advertising. The popularity of posters as a means of public and commercial communication was facilitated by this need as well as developments in printing technology (Zorin et al., 2022). As Japanese society and visual culture changed, posters became a crucial tool for promoting goods, occasions, and public awareness campaigns (Hruby & Goswami, 2018). Interaction between cultures and the assimilation of Western influences into Japanese art and design defined the Meiji period. Japanese designers aggressively sought inspiration from Western art movements and design concepts, even as they preserved their traditional creative history (Young et al., 2019). Table 2 displays the many poster designs created in Japan over time.

Table 2. Design Styles in Japanese Poster Design Across Time Periods

Time Period	Design Style 1	Design Style 2	Design Style 3	Design Style 4
Edo Period	Traditional	Woodblock	Ukiyo-e	Symbolism
Meiji Era	Western	Realism	Art Nouveau	Fusion
Post-war	Modernist	Constructivism	Social realism	Cultural revival
Contemporary	Minimalist	Digital	Pop Art	Eclectic

Contemporary Japanese Poster Design Trends

Contemporary Japanese poster design exhibits a diverse spectrum of trends and styles that reflect the field's ever-changing personality. Designers are inspired by traditional Japanese art, manga and anime, popular culture, and global design trends (Iwabuchi, 2018). This fusion of ideas has resulted in a vibrant and innovative world of Japanese poster design. Brilliant colors and dynamic, eye-catching designs are popular in contemporary Japanese poster design (Cheng et al., 2023). Designers employ color palettes to create visual impact and grab attention. As Figure 4(a) and (b) show, bright colors add vibrancy and excitement to the designs while also representing the expressive and whimsical nature of Japanese popular culture (Urakami et al., 2021). The usage of emotive typography is another prevalent trend. Designers create visually appealing compositions by combining a variety of typefaces, letterforms, and typographic layouts (Figure 5). Typography is important in conveying the message as well as developing the overall look of the poster (Terton & Greenaway, 2015). Traditional Japanese calligraphy

techniques are frequently combined with modern and experimental approaches by designers, resulting in visually dynamic and expressive typography (Anderson et al., 2019). Furthermore, minimalist aesthetics are becoming fashionable in current Japanese poster design. To produce visually attractive and compelling compositions, designers seek simplicity, clean lines, and negative space (Holston, 2018).



(b) Figure 4. Traditional Japanese Art



Figure 5. Manga and Anime

Interdisciplinary Perspectives on Poster Design

The use of multidisciplinary viewpoints in the study of poster design benefits considerably, as it provides for a

thorough understanding of the varied character of this art form. Using ideas and methodologies from other disciplines provides useful insights into various aspects of poster design, such as aesthetics, cultural relevance, communication strategies, and socio-political situations (Lee, 2022). From an art historical standpoint, theories and frameworks employed in the study of visual arts can guide the examination of poster design. Formalism, which investigates the formal aspects and visual composition of posters, is one approach that can give information on the artistic processes used by designers (Liu et al., 2019). Art historical methodologies can also be used to identify and investigate artistic movements, styles, and influences in the history of poster design (Brogaard-Clausen & Ringsmose, 2017). Another essential lens through which to explore poster design is design theory and practice. Balance, hierarchy, typography, and color theory are design elements that can help you grasp the visual language and communication methods used in posters (Sprenger-Charolles & Gentaz, 2022). Human-centered design methods can reveal how posters engage and elicit responses from viewers (Norman, 2020).

METHODOLOGY

The study used content analysis, a qualitative research design, to evaluate the development of Japanese poster design in-depth. According to Krippendorff (2018), content analysis was used as a methodical way to examine and evaluate the linguistic and visual components of Japanese posters. This strategy was chosen in order to obtain a thorough comprehension of the design components and messages that are expressed in Japanese posters, providing an analysis of their influences on history, culture, and the arts. Japanese posters from the Edo period to the present were acquired from archives, museums, libraries, and Digital collections. Secondary sources, such as academic literature and historical documents, gave context. Color, composition, typography, and imagery, as well as linguistic substance (messages, slogans), were painstakingly examined. Researchers compared posters to detect patterns and changes in design across time, as well as to investigate the cultural influences inscribed within them. Data availability dictated the sample size, guaranteeing the representation of many eras, styles, and themes. In order to provide a representative and varied sample, six posters that satisfied the inclusion criteria were chosen. The goal of this methodology is to give readers a succinct and understandable overview of the analytical procedure used in the investigation of the evolution of Japanese poster design. The flow of research methodology can be seen in Table 3.

Table 3. Research Methodology

Methodology	Description		
Research Design	Qualitative research design using content analysis		
Data Collection Methods	Identification of primary data sources (Japanese posters) and secondary data sources (literature, academic publications, historical documents)		
Data Collection Techniques	Visual analysis of the posters, including examination of visual elements and textual content		
Data Analysis Techniques	Comparative analysis of the posters to identify patterns, trends, and changes in design styles and thematic concerns		
Sample Size and Composition	Determined based on the availability and relevance of posters representing different periods, styles, and themes		

RESULTS

Edo Period

Under the administration of the Tokugawa shogunate, Japan experienced relative peace and stability during the Edo Period (1603-1868). During this time, the country underwent tremendous political, social, and cultural transformations. Edo (modern-day Tokyo) became the center of political authority as well as an economic and cultural metropolis. During the Edo Period, posters in the form of woodblock prints known as ukiyo-e played an important role in visual communication (Hayes, 2019). Ukiyo-e prints were used for entertainment, advertising, and information sharing, among other purposes. They were mass-produced and accessible to all social classes, including commoners and samurai. Posters from the Edo Period, also referred to as ukiyo-e prints, have unique design features. Ozaki (2023) employed intricate details, strong compositions, and vivid colors. The print subjects included landscapes, historical events, scenes from everyday life, kabuki performers, and lovely women (bijin-ga). Vibrant colors and complex patterns were used to provide visual appeal and grab the attention of the audience. Creating ukiyo-e prints was mostly done using woodblock printing. Printers, carvers, publishers, and artists collaborated to create the final prints (Rampazzi et al., 2020).

Meiji Era

Meiji (1868-1912) was a period of profound change for Japan. The country started a path of political, social, and cultural transformations during this time of rapid industrialization and Westernization (Shogaki et al., 2019). By implementing new institutions, technologies, and ideologies, the Meiji government aimed to catch up to the Western industrialized countries (Hane, 2001). Throughout the Meiji period, Western art and design had a big impact on Japanese poster design. The exchange of ideas, expertise, and artistic influences was made possible by Japan's openness to the rest of the world (Ueda, 2022). Japanese artists and designers were passionately drawn to Western art traditions like Impressionism, Realism, and Art Nouveau. The introduction of Western-style printing methods, especially lithography, during the Meiji period completely changed the process of creating posters. Lithography allowed Japanese designers to create high-quality prints and try out new creative strategies, which resulted in more intricate and eye-catching designs (Zorin et al., 2022). During the Meiji period, Japanese posters saw significant changes in both appearance and content. The posters conveyed the modernization objectives and cultural shifts that came along with the process of Westernization (Farhan et al., 2019).

Influence of Socio-Political Factors on Poster Design

Posters were employed as effective instruments for conveying messages, eliciting emotions, and shaping public opinion (Carter, 2021). The inquiry focuses on analyzing the visual and literary features of war propaganda posters, as well as their topics and societal impact. After WWII, Japan had the difficulty of physically and mentally rebuilding the country. During this time, posters portrayed the country's united struggle to rebuild and remake itself. They represented Japan's commitment to rebuilding and reclaiming its cultural identity (Hall, 2021). The investigation entails studying the visual images, motifs, and topics in post-war posters to determine how they reflected societal changes and ambitions of the period. Posters were major instruments for advertising and promoting products, services, and events during Japan's rapid economic growth and rise of consumerism in the postwar period (Nakayama, 2021). The influence of socio-political factors in different time periods, Edo to contemporary, on Japanese poster design is shown in Table 4.

Table 4. Influence of Socio-Political Factors on Japanese Poster Design

Time Period	Socio-Political Factor 1	Socio-Political Factor 2	Socio-Political Factor 3
Edo Period	Isolationist policies	Shogunate's authority	Kabuki culture
Meiji Era	Westernization	Meiji Restoration	Industrialization
Post-war	Post-war reconstruction	Democracy and pacifism	Economic growth
Contemporary	Globalization	Environmental sustainability	Technological advancements

Technological Advancements and Contemporary Trends

Modern poster layout procedures have been substantially motivated by virtual technology. They have a look at specializes in how digital equipment and software programs have altered the layout method, allowing designers to experiment with various visible consequences, virtual instance strategies, and image manipulation (Ishikawa, 2020). The printing technique has also been altered by using virtual generation, allowing for quicker manufacturing, extra flexibility, and higher print fines (Iwabuchi, 2017). The research on digital era's effect offers light on the moving nature of poster layout inside the virtual era. Modern Japanese poster design well-known shows an extensive range of topics, motifs, and aesthetics that reflect the dynamic nature of the enterprise. Modern Japanese posters address a whole lot of subjects, which include generation, social problems, cultural expressions, and environmental sustainability (Iwabuchi, 2017). By inspecting these styles, topics, and styles, researchers can benefit an information on the modern-day visible language, layout strategies, and aesthetic expressions in Japanese poster design as shown in Table 5.

Table 5. Themes and Motifs in Japanese Poster Design

Time Period	Theme 1	Theme 2	Theme 3
Edo Period	Kabuki Theater	Nature	Daily Life Scenes
Meiji Era	Industrialization	Modernization	National Identity
Post-war	Rebuilding	Social Issues	Cultural Identity
Contemporary	Technology	Environmental	Pop Culture

Interdisciplinary Perspectives on Japanese Poster Design

Semiotics is needed to understand the use of symbols and signs in Japanese poster design. To determine the symbols signs and symptoms present, the studies will study the visual components of the posters, along with imagery, hues, and typeface, in addition to the literary content material. Semiotic analysis decodes the symbols'

meanings and implications, exposing how they convey messages and elicit particular responses from viewers. Cultural studies can assist in interpreting Japanese poster layouts from a unique perspective. The research will look at how cultural values, ideals, and behaviors affect poster design and reception. It considers the social, historical, and ideological settings in which posters are produced and eaten up. By studying cultural interpretations and meanings, researchers can gain insights into how posters reflect and shape cultural identities, narratives, and values. Understanding how human beings view and react to visible messages in posters can be gained from psychology. The study looks into how viewers' emotional and cognitive responses are influenced by visual elements like colors, composition, and imagery.

Findings

Some significant findings on the evolution of Japanese poster design have been derived from the information evaluation. The findings cover patterns, discrepancies, and continuity in design strategies, thematic issues, and visible communique tactics throughout time. The study additionally highlighted the approaches in which sociopolitical elements, cultural values, technological trends, and monetary issues impact poster layout. The comparative examination of the outcomes offers more expertise on the evolution of Japanese poster design. It consists of drawing comparisons and contrasts among findings made all through various historical eras, which include the Edo, Meiji, publish-conflict, and cutting-edge periods. Researchers can spot patterns, effects, and continuities in Japanese poster layouts over time using contrasting and evaluating design patterns, topics, and visible procedures. The evaluation also compares other factors of view, inclusive of cultural, creative, and sociopolitical critiques. Researchers can benefit perception of the numerous degrees of interpretation and significance hidden in Japanese poster design through contrasting one-of-a-kind factors of view. The comparative observation offers an intensive grasp of the problematic relationships between several factors that affect poster design. The consequences are interpreted by way of searching at the actions, developments, and inspirations in Japanese poster design that have been observed and their wider relevance and meaning.

DISCUSSION

We performed an intensive examination of Japanese poster design, charting its evolution from the Edo Period to the existing. Using interdisciplinary views, we explored the historical, cultural, social, technological, and aesthetic elements that have influenced Japanese poster layout through the years. The study aimed to higher recognize layout fashion changes, thematic problems, and visual conversation techniques, as well as their significance in Japanese visible tradition. We observed during our Edo Period studies that posters, within the shape of ukiyo-e prints, were a widespread source of visual communication in a society undergoing superb cultural and social changes. Visitors were intrigued by these prints' vibrant colours, bold compositions, and firstrate craftsmanship. They depicted landscapes, historical events, everyday life scenarios, kabuki players, and gorgeous women (bijin-ga). The woodblock printing method made it possible to produce several copies, which made the prints more widely available and circulating in society. Japanese poster design began to incorporate more and more Western ideas during the Meiji period. Japanese design techniques were impacted by Art Nouveau, Impressionism, and Realism, three Western creative styles. Lithography altered the production process and made it possible to create designs that were more intricate and aesthetically beautiful. A unique stylistic fusion was produced by fusing Western artistic methods with traditional Japanese aesthetics. Japan's postwar posters reflected the nation's attempts to reconstruct and forge a new sense of cultural identity. The nation's resolve to rebuild after the devastation of war was reflected in the posters' messages of strength, solidarity, and optimism. Important government programs, social issues, and calls to action were all widely disseminated via posters. They represented the tenacity and resolve of the Japanese people as they worked to restore their country.

CONCLUSION

In this study, the researchers embarked on an expedition to trace the development of Japanese poster design from the Edo Period to the present. They looked into the influences of history, culture, politics, technology, and aesthetics on Japanese poster design over time using an interdisciplinary approach. The study's conclusions demonstrated notable changes, influences, and consistency in design philosophies, topical concerns, and strategies for visual communication. Through an analysis of the visual and textual components, semiotics, cultural interpretations, and symbolism, the study revealed the many levels of meaning concealed in these posters. Each historical period and its sociological setting, from propaganda operations during World Wars I and II to post-war reconstruction and the advent of digital technology, have permanently impacted Japanese poster design. Beyond academia, the practical ramifications of this research are significant. Designers can draw inspiration from

Japanese poster design's historical and cultural underpinnings, infusing their work with a heightened grasp of aesthetic sensitivities and design methods across history. These findings can be implemented into design education, increasing students' learning experiences and cultivating a thorough awareness of design history. This knowledge can be used by cultural institutions to conserve and exhibit historical posters, resulting in a greater appreciation for Japanese visual culture.

IMPLICATIONS

The nation's resolve to rebuild after the devastation of war was reflected in the posters' messages of strength, solidarity, and optimism. Important government programs, social issues, and calls to action were all widely disseminated via posters. They represented the tenacity and resolve of the Japanese people as they worked to restore their country. Studying Japanese poster design in educational programs can help students gain a greater understanding of the cultural and historical aspects of design as well as inspiration from the many historical approaches. Cultural organizations can use the results to preserve historical posters, organize exhibitions, and raise awareness of Japanese visual culture. Cultural institutions can help the general public have a better understanding and appreciation of Japanese poster design by showcasing the evolution of the genre and offering crucial insights into the historical and cultural context of the posters.

RECOMMENDATIONS

While this study shed light on the evolution of Japanese poster design, there is always a need for further research to enhance our understanding of the subject. One of the study's weaknesses is its focus on specific historical periods and perspectives. Future research should include more historical periods, such as the Taisho and Showa eras, to provide a comprehensive overview of poster design in Japan. By investigating these extra historical periods, researchers can acquire a more complete picture of the history and impacts on Japanese poster design. Furthermore, studying certain subject elements of Japanese poster design could reveal deeper insights into the socio-cultural dynamics of the art form. An in-depth comprehension of the socio-cultural milieu and its visual communication could be achieved by concentrating the study on the portrayal of gender, social movements, or cultural symbols in posters. Future studies may examine how international design movements have influenced Japanese poster design. By examining how Japanese designers have interacted with and responded to global design trends and movements, scholars can get insights into the dynamics of cross-cultural interactions as well as the development of Japanese design aesthetics.

REFERENCES

Anderson, A. J., Binder, J. R., Fernandino, L., Humphries, C. J., Conant, L. L., Raizada, R. D. S., . . . Lalor, E. C. (2019). An integrated neural decoder of linguistic and experiential meaning. *Journal of Neuroscience*, 39(45).

Babu, T., Roopa, H., Shukla, A. K., Stalin David, D., Jayadatta, S., & Rajesh, A. S. (2022). Internet of things-based automation design and organizational innovation of manufacturing enterprises. *Materials Today: Proceedings*, 56, 1769-1775.

Biron, C., Mounier, A., Arantegui, J. P., Le Bourdon, G., Servant, L., Chapoulie, R., . . . Daniel, F. (2020). Colours of the « images of the floating world ». Non-invasive analyses of Japanese ukiyo-e woodblock prints (18th and 19th centuries) and new contributions to the insight of oriental materials. *Microchemical Journal*, 152, 104374.

Brogaard-Clausen, S., & Ringsmose, C. (2017). The professional identity of the Danish pedagogue: Historical root in an education with focus on democracy, creativity, dannelse and a 'childhood logic'. In *International Perspectives on Early Childhood Education and Development* (Vol. 15, pp. 237-252). Cham, Switzerland: Springer.

Carter, M. (2021). 23 - The composition of a scientific poster. In *Designing science presentations* (pp.303-318). Cambridge, UK: Academic Press.

Chang, Y. W. E. (2023). Distinguished aesthetics achievements and heritage in the space-age paintings inspired by space exploration. *Acta Astronautica*, *209*, 43-47.

Cheng, S., Sheng, D., Yao, J., & Shen, Z. (2023). Poster graphic design with your eyes: An approach to automatic textual layout design based on visual perception. *Displays*, 79, 102458.

Farhan, A., Saccone, M., Petersen, C. F., Dhuey, S., Chopdekar, R. V., Huang, Y. L., . . . Van Dijken, S. (2019). Emergent magnetic monopole dynamics in macroscopically degenerate artificial spin ice. *Science Advances*, 5(2).

Fondo, M., & Gómez-Rey, P. (2021). Integrating game-based learning for intercultural skills development in higher education. In *ECGBL 2021 15th European Conference on Game-Based Learning* (p. 213). London, UK: Academic Conferences Limited.

Gu, C., Chen, J., Lin, S., Wu, W., Jiang, Q., . . . Wei, W. (2022). The impact of eye-tracking games as a training case on students' learning interest and continuous learning intention in game design courses: Taking Flappy Bird as an example. *Learning and Motivation*, 78, 101808.

Haqpana, S., & Tsouroufli, M. (2023). 'Powerless, poor and needy?': Reproducing colonial discourses of gender and Muslim women through educational interventions by I-NGOs in Afghanistan. *Women's Studies International Forum*, 98, 102714.

Hayes, C. (2019). Sashiko needlework reborn: From functional technology to decorative art. *Japanese Studies*, 39(2), 263-280.

Hruby, G. G., & Goswami, U. (2018). Educational neuroscience for reading researchers. In *Theoretical Models and Processes of Literacy, Seventh Edition* (pp. 252-277). Abingdon, UK: Taylor and Francis.

Itaba, N., & Shiota, G. (2020). A report of the 18th Congress of the Japanese Society for Regenerative Medicine. *Regenerative Therapy*, 14, 43-47.

Khales, B., & Meier, D. (2013). Toward a new way of learning — Promoting inquiry and reflection in Palestinian early childhood teacher education. *New Educator*, 9(4), 287-303.

Kim, J., Lee, H., Hong, J. H., Kenig, A., Zaitseva, E., Slepchenko, S., . . . Shin, D. H. (2023). Cross-analysis of carbon and nitrogen stable isotopes in hairs retrieved from crania of Korean Joseon Dynasty Mummies and Russian Settlers in Siberia. *Journal of Archaeological Science: Reports*, 47, 103732.

Lee, S. (2022). AI as an explanation agent and user-centered explanation interfaces for trust in AI-based systems. In *Human-Centered Artificial Intelligence* (pp. 91-102). Cambridge, UK: Academic Press.

Liu, G., te Brömmelstroet, M., Krishnamurthy, S., & van Wesemael, P. (2019). Practitioners' perspective on user experience and design of cycle highways. *Transportation Research Interdisciplinary Perspectives*, 1, 100010.

Makita, S., Kusumoto, S., Tamaru, J. I., Hashimoto, H., Maeshima, A. M., Uchida, T., . . . Nagai, H. (2022). Copy number alterations of chromosome 9p24.1 in elderly patients with advanced-stage classic Hodgkin Lymphoma who received ABVD: An ancillary analysis of multi-center retrospective study in Japan (HORIZON study). *Blood*, 140, 11890-11892.

Masahiro, S. (2021). "East Asia as a Method of Research," Illustrated by an interpretation of Japanese Edo-Period Haiku by a Western Art Historian. *International Journal of Buddhist Thought and Culture*, *31*(2), 15-27.

Matwick, K., & Matwick, K. (2022). Comics and humor as a mode of government communication on public hygiene posters in Singapore. *Discourse, Context & Media*, 46, 100590.

Nagaoka, T., & Nakayama, N. (2021). Influences of industrial development and urbanization on human lives in premodern Japan: Views from paleodemography. *International Journal of Paleopathology*, 33, 103-112.

Nakayama, N. (2021). Secular trend in skeletal growth among urban Japanese during the Edo period (1603-1867). *International Journal of Paleopathology*, *35*, 29-39.

Nguyen, H. K. (2020). Anything goes with wit and ambiguity: Playfulness in Japanese visual culture. *Design Issues*, 36(2), 72-86.

Nicolopoulou, A., Cortina, K. S., Ilgaz, H., Cates, C. B., & de Sá, A. B. (2015). Using a narrative- and play-based activity to promote low-income preschoolers' oral language, emergent literacy, and social competence. *Early Childhood Research Quarterly*, 31, 147-162.

Ono, T., Hino, M., Matsumura, I., Fujisawa, S., Ishizawa, K., Sakaida, E., . . . Takahashi, N. (2022). Bosutinib in Japanese patients with newly diagnosed chronic-phase chronic myeloid leukemia: Final 3-year follow-up results of a phase 2 study. *International Journal of Hematology*, 116(6), 871-882.

Ozaki, T. (2023). Quest for science, spirit, and skills. Journal of Orthopaedic Science, 28(2), 299-301.

Perri, S., Levin, S., Hedin, L. O., Wunderling, N., & Porporato, A. (2023). Socio-political feedback on the path to net zero. *One Earth*, 6(6), 725-737.

Popat, A., Gupta, L., Meedinti, G. N., & Perumal, B. (2023). Movie poster classification using federated learning. *Procedia Computer Science*, 218, 2007-2017.

Prischmann-Voldseth, D. A. (2022). Fireflies in Art: Emphasis on Japanese Woodblock Prints from the Edo, Meiji, and Taishō Periods. *Insects*, 13(9), 775.

Rampazzi, L., Brunello, V., Campione, F. P., Corti, C., Geminiani, L., Recchia, S., & Luraschi, M. (2020). Non-invasive identification of pigments in Japanese coloured photographs. *Microchemical Journal*, *157*, 105017.

Rodríguez-Fuentes, R. A., & Swatek, A. M. (2022). Exploring the effect of corpus-informed and conventional homework materials on fostering EFL students' grammatical construction learning. *System*, *104*, 102676.

Sasaki, K., Motoyama, M., Watanabe, G., & Nakajima, I. (2022). Meat consumption and consumer attitudes in Japan: An overview. *Meat Science*, 192, 108879.

Scharinger, C., Prislan, L., Bernecker, K., & Ninaus, M. (2023). Gamification of an n-back working memory task - Is it worth the effort? An EEG and eye-tracking study. *Biological Psychology*, 179, 108545.

Schimkowsky, C. (2022). Managing passenger etiquette in Tokyo: Between social control and customer service. *Mobilities*, 17(6), 932-950.

Shiratori, Y., Ogawa, T., Ota, M., Sodeyama, N., Sakamoto, T., Arai, T., & Tachikawa, H. (2022). A longitudinal comparison of college student mental health under the COVID-19 self-restraint policy in Japan. *Journal of Affective Disorders Reports*, 8, 100314.

Shogaki, T., Fujii, Y., & Nakagawara, Y. (2019). Deformation of the foundation and structure of Tomioka Silk Mill's East Cocoon Warehouse. *Soils and Foundations*, *59*(4), 789-800.

Shrivastava, U., Misra, A., Gupta, R., & Viswanathan, V. (2016). Socioeconomic factors relating to diabetes and its management in India. *Journal of Diabetes*, 8(1), 12-23.

Spadijer, S. (2022). La domesticité, phénomène socioculturel, représentée dans les œuvres Zoune chez sa ninnaine de Justin Lhérisson et Rêves amers de Maryse Condé. *French Cultural Studies*, 33(1), 3-18.

Sprenger-Charolles, L., & Gentaz, É. (2022). Literacy acquisition by young students and assessment of methods of reading instruction. *Approche Neuropsychologique des Apprentissages chez l'Enfant*, 34(176), 53-68.

Sugimoto, S., Wijesundara, C., Mihara, T., & Nagamori, M. (2022). A generalized data model for digital archiving in cultural and historical domains. In *Boosting the knowledge economy* (pp. 121-139). Oxford, UK: Chandos Publishing.

Tamaki, S. (2021). Likes on image posts in social networking services: Impact of travel episode. *Journal of Destination Marketing & Management*, 20, 100615.

Terton, U., & Greenaway, R. (2015, May). Ready, set, jump—An interactive eBook designed to awaken the aspirations of primary school students. In *International Conference on Computer Supported Education* (Vol. 2, pp. 185-192). Setúbal, Portugal: SciTePress.

Ueda, H. (2022). The norms and practices of eating well: In conflict with contemporary food discourses in Japan. *Appetite*, *175*, 106086.

Urakami, J., Qie, N., Kang, X., & Rau, P. L. P. (2021). Cultural adaptation of "kawaii" in short mobile video applications: How the perception of "kawaii" is shaped by the cultural background of the viewer and the gender of the performer. *Computers in Human Behavior Reports*, 4, 100109.

Vélez Ortiz, D., Horner, P. S., Sato, M., Nelson, A., & Lamas, D. (2023). Separate but not divided: Art-based inquiry on attachment and resiliency among displaced Puerto Rican families in Central Florida post Hurricane Maria. *International Journal of Disaster Risk Reduction*, 85, 103467.

Yizengaw, S. S. (2021). Early childhood care and education scenario in preschools. *Ethiopian Renaissance Journal of Social Sciences and Humanities*, 8(2), 1-26.

Yokoyama, N., Azuma, N., & Kim, W. (2022). Moderating effect of customer's retail format perception on customer satisfaction formation: An empirical study of mini-supermarkets in an urban retail market setting. *Journal of Retailing and Consumer Services*, 66, 102935.

Young, J., Bridgeman, M. B., & Hermes-DeSantis, E. R. (2019). Presentation of scientific poster information: Lessons learned from evaluating the impact of content arrangement and use of infographics. *Currents in Pharmacy Teaching and Learning*, 11(2), 204-210.

Zhao, J., He, H., Zhao, X., & Lin, J. (2022). Modeling and simulation of microblog-based public health emergency-associated public opinion communication. *Information Processing & Management*, 59(2), 102846.

Zheng, H., Liu, D., & Liu, Y. (2021). Design and research on automatic recognition system of sports dance movement based on computer vision and parallel computing. *Microprocessors and Microsystems*, 80, 103648.

Zorin, I., Brouczek, D., Geier, S., Nohut, S., Eichelseder, J., Huss, G., . . . Heise, B. (2022). Mid-infrared optical coherence tomography as a method for inspection and quality assurance in ceramics additive manufacturing. *Open Ceramics*, 12, 100311.

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