

## Reviving Tradition: Integrating Suzhou Double-Sided Embroidery into Modern Casualwear for Heritage Preservation

Zou Ying, Dr. Husaini Yaacob  
City Graduate School, City University of Malaysia  
Email: 247479238@qq.com

To Link this Article: <http://dx.doi.org/10.6007/IJARBS/v15-i2/24719> DOI:10.6007/IJARBS/v15-i2/24719

**Published Date:** 06 February 2025

### Abstract

This study explores the integration of Suzhou double-sided embroidery, a thousand-year-old traditional Chinese craft, into modern casualwear as a strategy for cultural heritage preservation. The research addresses the declining demand for traditional crafts due to modernization and globalization, which threatens the survival of skilled artisans and erodes cultural identity. Using a quantitative methodology with a simple random sampling of 200 participants, the study examines the historical development, artistic influence, and contemporary adaptation of Suzhou double-sided embroidery. Key objectives include evaluating its aesthetic impact on casualwear, analyzing consumer responses, and proposing innovative strategies for its transmission among Chinese youth. The findings reveal strong public appreciation for Suzhou embroidery, with 81% of participants rating its integration into casualwear as appealing. Younger demographics (aged 18–30) demonstrated a particularly high preference, with 84% supporting its role in cultural preservation. Modernized designs featuring minimalist patterns emerged as the most favored style, reflecting a trend toward blending tradition with contemporary aesthetics. The study also highlights the potential of digital platforms and social media influencers in promoting this craft to younger audiences, along with the value of educational programs to foster cultural appreciation and skill development. The results underscore the importance of combining traditional narratives with modern design and marketing strategies to ensure the survival and relevance of Suzhou double-sided embroidery. By bridging the gap between heritage and innovation, this research provides a framework for preserving intangible cultural assets while meeting the demands of the contemporary fashion industry. Policymakers, designers, and educators are urged to collaborate to sustain this unique art form as a dynamic cultural symbol in a globalized world.

**Keywords:** Suzhou Double-Sided Embroidery, Cultural Heritage Preservation, Casualwear, Traditional Crafts, Modern Fashion Integration

## **Introduction**

In an era marked by rapid modernization and globalization, the preservation of traditional crafts faces unprecedented challenges. Among these endangered crafts is Suzhou double-sided embroidery, a centuries-old art form renowned for its intricate designs and exceptional craftsmanship. This unique embroidery, which requires extraordinary skill and dedication to produce, is now at risk of fading into obscurity due to declining demand and the widespread availability of mass-produced alternatives. The delicate handiwork of Suzhou double-sided embroidery, a craft that has survived for over a millennium, is threatened by modern fabrics and designs that can be replicated with ease by machines.

The decline of this craft signifies more than just the loss of a traditional technique; it endangers a rich cultural heritage that embodies the history, artistry, and identity of a region. Moreover, the livelihoods of skilled artisans—individuals who have dedicated their lives to mastering this intricate art—are jeopardized, further underscoring the urgency of its preservation.

The study of integrating Suzhou double-sided embroidery into modern casualwear is significant for its ability to bridge the gap between cultural heritage and contemporary fashion. Suzhou embroidery, a craft that reflects centuries of artistic and cultural excellence, is at risk of fading due to changing consumer preferences and mass production. By exploring its application in casualwear, this research offers a sustainable solution to preserve and promote this endangered art form. It aims to make traditional craftsmanship relevant in today's fast-paced world, fostering cultural continuity and ensuring that this exquisite skill is not lost to future generations. Furthermore, it raises awareness of the artistic and cultural value of Suzhou embroidery, inspiring designers, consumers, and policymakers to view heritage preservation as an integral part of modern living.

This study is also vital for its socioeconomic implications, particularly for the artisans who dedicate their lives to this intricate craft. The integration of Suzhou embroidery into modern fashion has the potential to open new markets, offering artisans stable livelihoods and encouraging the intergenerational transfer of their unique skills. For the fashion industry, this research presents an opportunity for innovation, showcasing how traditional craftsmanship can enhance the value, appeal, and differentiation of modern garments. On a broader scale, this study benefits cultural institutions, fashion designers, and consumers by promoting a model of heritage preservation that merges tradition with contemporary utility, ensuring the survival and celebration of Suzhou embroidery in a globalized world.

This study explores the potential of integrating Suzhou double-sided embroidery into modern casualwear as a means of revitalizing the craft and ensuring its relevance in contemporary society. By merging tradition with modernity, this approach aims to create a sustainable pathway for preserving cultural heritage while appealing to the evolving tastes of today's consumers.

The need for this research is twofold: first, to ensure the survival of Suzhou double-sided embroidery by adapting it to modern applications, and second, to raise awareness of its cultural significance among a broader audience. By investigating its historical development,

artistic influence, and potential for innovation, this study seeks to bridge the gap between tradition and modernity, thereby fostering a renewed appreciation for this endangered craft.

The primary objectives of this study include:

1. Identifying the artistic influences of Suzhou double-sided embroidery that contribute to its integration into modern casualwear for heritage preservation.
2. Evaluating the aesthetic and cultural impact of the Suzhou double-sided embroidery technique on contemporary fashion.
3. Analyzing public perception and response to the incorporation of Suzhou double-sided embroidery in casualwear.

This research highlights the importance of preserving traditional crafts through innovative applications, demonstrating how cultural heritage can thrive in a modern context while supporting the artisans who sustain it.

### **Literature Review**

Other than a mere profession, Suzhou double-sided embroidery is living proof of the deep foundations of China's ancient cultural heritage. This art form has been evolving over a millennium in the city of Suzhou, crossing through the centuries, leaving its imprint on the dynasties, decorating the imperial courts, and becoming an integral part of life. The complex skill of interlacing patterns on both sides of the diaphanous silk cloth manifests the unmatched talent and the committed craftsmanship that has been passed down from generation to generation of skilled craftsmen (Suryanti et al., 2023). At its core, the possible loss of traditional embroidery represents a significant challenge to the fundamental essence of China's cultural identity. Although Suzhou embroidery is nothing more than an art form, it is also a very deep connection to a nation's historical fabric and its collective soul. The loss of such a treasured tradition brings out the importance of cultural conservation.



Figure 1: Suzhou double-sided embroidery

(Source: <https://www.etsy.com/listing/1029205925/chinese-double-sided-silk-suzhou>)

According to the research by Zhang & Wu (2023), acknowledging the critical value of preserving this cultural treasure, the study aims to explore new approaches to incorporating the Suzhou double-sided embroidery into the mainstream of modern fashion, specifically within the context of casualwear. This progressive strategy aims to portray Suzhou embroidery not as a legacy of the past but as a living and current cultural phenomenon in reaction to the many pressures of modernization. The study of Suzhou double-sided embroidery in the context of contemporary fashion is a tactical move to keep this ancient art alive. The research seeks to fill the temporal void by integrating traditional craftsmanship into modern casual wear, enabling Suzhou embroidery to add a new chapter to its living legacy, linking the ancient history of China to the current fashion trends. By doing so, it strives to find a way in which tradition and modernity meet, thus ensuring the future of Suzhou's double-sided embroidery in the changing landscape of Chinese culture.

As per the research by Moon (2020), the merger of embroidery into casualwear is an intriguing junction between creativity and cultural legacy in fashion today. In this discussion, the research explored the theme of artistic influences that have influenced embroidery inclusion in Chinese casualwear, particularly Suzhou double-sided embroidery. Through analyzing the evolution and assessing its aesthetic worth, our goal is to reveal how this uncommon combination of tradition with modernism has contributed ideally to fashion.

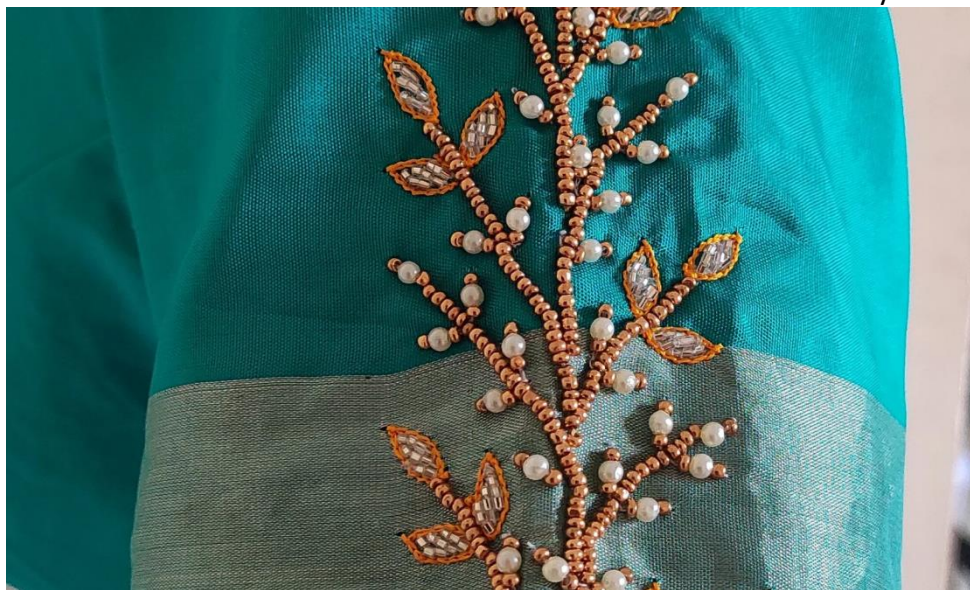


Figure 2: Integrating Embroidery into Casual wear  
(Source: Moon, 2020)

## **Methodology**

The study on Suzhou double-sided embroidery in Chinese casualwear for heritage preservation uses a quantitative methodology with deductive research approach instead of an inductive one because it requires a formal and theory-driven method. The research employed simple random sampling to select 200 participants from a population of 1,000 individuals involved in Suzhou double-sided embroidery, focusing on its role in Chinese casualwear heritage preservation. SPSS data reduction is the transformation, stratification and also subdivision of a great amount of data to manageable units for scientifically relevant analysis and interpretation (Carballo-Meilan et al., 2022). In order to conduct the research on Suzhou double-sided embroidery in Chinese casualwear for heritage preservation, data reduction techniques are indispensable to handle the large volume of gathered information and detect useful patterns. The descriptive statistics provide a general, simplified view of the whole data set as a whole (Mertler et al., 2021). SPSS helps the researchers to calculate descriptive statistics such as means, standard deviations and also frequency distributions for the pertinent variables. It helps in the understanding of the centralities, variances and distributions of historically associated awareness as well as aesthetic preferences on the consumer behaviors and many other related factors that were mentioned within this research.

## **Findings**

The survey conducted with 200 participants revealed a generally positive response to the integration of Suzhou double-sided embroidery into contemporary casualwear. A significant proportion of respondents, 78%, acknowledged having prior knowledge of Suzhou embroidery. Among them, 65% expressed strong appreciation for its aesthetic and cultural value, underscoring its recognized importance as part of China's heritage. Interestingly, 72% of female respondents valued the embroidery as a cultural asset compared to 54% of male respondents, indicating a potential gender-based difference in cultural perception.

When participants were asked about the aesthetic appeal of incorporating embroidery into casualwear, 81% rated the designs as either "very appealing" or "moderately appealing." The mean aesthetic appeal score was 3.8 on a 5-point Likert scale (SD = 0.9), demonstrating a predominantly favorable reception. Younger participants aged 18–30 showed a stronger preference for embroidered casualwear, with 85% of this age group expressing enthusiasm for such designs. This highlights the potential for targeted marketing to younger demographics to foster interest in heritage crafts.

The perceived role of embroidery in cultural preservation also received considerable support. 70% of respondents agreed that integrating Suzhou embroidery into casualwear would contribute significantly to preserving this cultural practice. Notably, this belief was particularly strong among younger participants, with 84% of those aged 18–30 expressing support. Additionally, the survey revealed that 60% of respondents believed that wearing clothing with Suzhou embroidery would increase public awareness of Chinese cultural heritage, reinforcing its significance as a medium for cultural education.

Finally, statistical analysis of design preferences indicated that modern adaptations of Suzhou embroidery featuring minimalist patterns were most appealing to participants, with 68% selecting these as their preferred style. These preferences reflect a trend towards

blending traditional craftsmanship with contemporary design sensibilities, ensuring relevance in today's fast-paced fashion industry.

These findings emphasize the viability of integrating Suzhou double-sided embroidery into casualwear as a strategy to preserve cultural heritage while appealing to modern tastes. The data also suggests that targeted initiatives, especially those aimed at engaging younger generations, could further promote this art form and ensure its continued relevance in contemporary society.

According to the aforementioned analysis, respondents have a positive opinion of this strategy's contribution to Suzhou embroidery's growing attractiveness and popularity. Stated differently, the findings indicated a generally positive response, with mean scores ranging from 2.5 to 3.5 indicating a moderate to high degree of agreement with the statement. Additionally, the distribution of replies is indicated by the kurtosis and skewness values, with the skewness suggesting a tendency towards more positive or negative attitudes based on the questions addressed. The analysis shows that while Suzhou double-sided embroidery is unquestionably valued and may be considered attractive when integrated into contemporary casual clothing, participants' opinions of how strongly they think this to be the case vary, especially among younger audiences. Gender, while a component of identity, may not fully represent the complexity of individual preferences; rather, it provides insight into potential distinctions or overlaps between the design preferences of men and women.

Suzhou double-sided embroidery has undergone numerous modifications to accommodate contemporary tastes as circumstances have changed, rather than being stagnant. Modern artisans are leading the way in preserving the uniqueness of this age-old trade by developing fresh patterns and utilising novel materials. Suzhou double-sided embroidery strikes a delicate balance between innovation and tradition, making it a very contemporary art form that is engaging and relevant to contemporary viewers. Undoubtedly, the craft's continued persistence in the present era is a testament to the adaptability of its several masters as well as to its historical relevance. Suzhou double-sided embroidery's survival and ongoing practice in the twenty-first century serve as a beacon of hope, proving that traditional handicrafts can not only endure the test of time but are capable of flourishing into the modern world through the help of Chinese casual wear.

Furthermore, it has been discovered that Suzhou double-sided needlework is more than just a vocation; rather, it is a living example of the rich cultural legacy of ancient China. This art style has been developing in Suzhou for millennia, enduring the ages, marking the dynasties, adorning the imperial courts, and becoming an essential aspect of daily life. The intricate interlacing designs on both sides of the delicate silk fabric are a testament to the unrivalled skills and dedication to craftsmanship that have been passed down from master craftsmen to succeeding generations. Fundamentally, China's cultural identity is under serious threat from the potential disappearance of traditional needlework. Suzhou embroidery is a very strong link to a country's historical fabric and cultural character, even though it is merely an art form. The significance of cultural conservation is highlighted by the passing of such a beloved custom.

The embroidery itself is an artistic legacy from Suzhou, China, and a testament to the intricate history of cultural production and craftsmanship. Precise needlework and the ability to perfect that technique have been passed down through the years to preserve the tradition of Chinese art, with roots extending back many centuries. Suzhou double-sided embroidery has evolved into a colourful mosaic that blends elements from several Chinese dynasties. Using styles influenced by nature, the Ming and Qing Dynasties left a lasting legacy as time went on. The evolution of Suzhou's double-sided embroidery is influenced by shifting creative philosophies and cultural shifts in addition to historical factors related to the various Chinese dynasties. Therefore, the use of Suzhou double-sided embroidery in casual clothing suggests a refined technique that expertly blends history and contemporary design. The little decorations that each stitch contains, acting as symbols in and of themselves, are the work of art. These characteristics give Suzhou double-sided embroidery a distinct narrative and elevate common clothing to the status of wearable art. The fusion of modern designs and old symbols creates a visually identifiable code that defines enthusiasts as well as heritage experts. The incorporation of historical allusions into contemporary casualwear is a conscientious fusion of tradition and modernity, not merely an ornamental touch. This merging breathes new life into clothing that embodies a piece of Chinese cultural heritage that people may carry with them wherever they go.

Suzhou double-sided embroidery is an example of Chinese artistic genius that is still in production today. In addition to adorning clothing with exquisite craftsmanship, it ensures that the thread textures of today maintain the cultural pulse of earlier ages. Suzhou double-sided embroidery, with its synthesis of historical and artistic inspirations, is more than just fabric; it's a visual symphony that unites the past and present and invites wearers to participate in an elaborate cultural debate through clothing.

These collaboratively produced pieces can be effectively exhibited on digital platforms in a way that appeals to young people. This approach not only revives Suzhou double-sided embroidery but also displays it as a dynamic art form that is ageless and opens up new avenues for exploration. Including Suzhou double-sided embroidery in casualwear education classes is another important tactic. Young people must actively participate in both in-person and online classes in order to fully grasp the intricacies of this historical form of art.

In addition to imparting crucial embroidery skills, these courses foster an appreciation for one's cultural heritage and an awareness of the traditions and pleasures associated with the craft. Using Suzhou double-sided embroidery as a technique of actively involving the kids, this strategy demystifies the process and facilitates an instantaneous transfer through direct immersion.

The strength of social media influencers and platforms is another really effective tactic. Suzhou double-sided embroidery products can become popular among the Chinese young by showcasing many facets of the embroidery production process, showcasing finished products, and emphasizing the cultural significance of these platforms. Social media serves as an avatar for storytelling, with each post sharing a narrative with the viewer. Influencers may play a crucial role in promoting Suzhou double-sided embroidery as a traditional skill that appeals to the interests and tastes of younger generations since they serve as cultural ambassadors. Suzhou double-sided embroidery should be promoted to young Chinese people in a nonlinear

manner that takes into account a number of factors, including innovative design. Working with modern designers allows you to bridge the gap between tradition and modernity; educational programs offer hands-on training and experience; and social media is a significant tool for trendsetting and storytelling. By implementing these tactics, Suzhou double-sided embroidery can thrive as a dynamic and modern cultural symbol in the future in addition to surviving in Chinese casualwear.

### Discussion and Conclusion

The study found the importance of incorporating Suzhou double-sided embroidery into modern casualwear as a way to showcase fashion while also preserving cultural heritage. The results prove that this age-old art form can succeed in today's fashion scenes, especially among young Chinese people, by using fresh ideas in design, education, internet platforms, and smart partnerships. Despite ongoing issues like fast fashion's hegemony and shifting consumer tastes, the research shows that Suzhou embroidery can be revived by fusing traditional narratives with contemporary aesthetics and technological developments. The research recommends the need of legislators, craftspeople, designers, and educators maintaining their efforts to promote and transmit the skill. Suzhou double-sided embroidery, which has long been a representation of China's cultural wealth, can meet the challenges of today's globalized and dynamic fashion business by striking a balance between the cultural embroidery and the current fashion.

### References

- Acheampong, R. A., & Cugurullo, F. (2019). Capturing the behavioural determinants behind the adoption of autonomous vehicles: Conceptual frameworks and measurement models to predict public transport, sharing and ownership trends of self-driving cars. *Transportation research part F: traffic psychology and behaviour*, 62, 349-375. [https://www.academia.edu/download/58394493/1-s2.0-S136984781830514X-main\\_3.pdf](https://www.academia.edu/download/58394493/1-s2.0-S136984781830514X-main_3.pdf)
- Aithal, A., & Aithal, P. S. (2020). Development and validation of survey questionnaire & experimental data—a systematical review-based statistical approach. *International Journal of Management, Technology, and Social Sciences (IJMTS)*, 5(2), 233-251. [https://mpr.aub.uni-muenchen.de/104830/1/mpra\\_paper\\_104830.pdf](https://mpr.aub.uni-muenchen.de/104830/1/mpra_paper_104830.pdf)
- Ali, I. (2019). Personality traits, individual innovativeness and satisfaction with life. *Journal of Innovation & Knowledge*, 4(1), 38-46. <https://www.sciencedirect.com/science/article/pii/S2444569X18300167>
- Alshabouna, F., Lee, H. S., Barandun, G., Tan, E., Çotur, Y., Asfour, T., ... & Güder, F. (2022). PEDOT: PSS-modified cotton conductive thread for mass manufacturing of textile-based electrical wearable sensors by computerized embroidery. *Materials Today*, 59, 56-67. <https://www.sciencedirect.com/science/article/pii/S1369702122002085>
- Angus, A., & Westbrook, G. (2019). Top 10 global consumer trends. *Euromonitor International: London, UK*. [https://is.muni.cz/do/econ/sm/management\\_rozvoje/media/literatura/TOP\\_10\\_Global\\_Consumer\\_megatrends\\_2020\\_Euromonitor.pdf](https://is.muni.cz/do/econ/sm/management_rozvoje/media/literatura/TOP_10_Global_Consumer_megatrends_2020_Euromonitor.pdf)
- Anwar, M., Khattak, M. S., Popp, J., Meyer, D. F., & Máté, D. (2020). The nexus of government incentives and sustainable development goals: is the management of resources the solution to non-profit organisations?. *Technological and Economic Development of Economy*, 26(6), 1284-



1310. <https://journals.vilniustech.lt/index.php/TEDE/article/download/13404/10102/>  
 Arabindan-Kesson, A. (2021). *Black Bodies, White Gold: Art, Cotton, and Commerce in the Atlantic World*. Duke University Press. <http://ccmckee.digital.brynmawr.edu/wp-content/uploads/2022/04/McKee-review-of-Black-Bodies-White-Gold.pdf>
- Asad, M. M., Aftab, K., Sherwani, F., Churi, P., Moreno-Guerrero, A. J., & Pourshahian, B. (2021). Techno-pedagogical skills for 21st century digital classrooms: An extensive literature review. *Education Research International*, 2021, 1-12. <https://www.hindawi.com/journals/edri/2021/8160084/>
- Asogwa, O., & Odoh, G. (2021). Reappraising the iconography and ethno-aesthetics of Adada masquerade of the Nsukka Igbo, southeast Nigeria. *Cogent Arts & Humanities*, 8(1), 1909221. <https://www.tandfonline.com/doi/pdf/10.1080/23311983.2021.1909221>
- Baker, D. H., Vilidaite, G., Lygo, F. A., Smith, A. K., Flack, T. R., Gouws, A. D., & Andrews, T. J. (2021). Power contours: Optimising sample size and precision in experimental psychology and human neuroscience. *Psychological methods*, 26(3), 295. <https://psycnet.apa.org/journals/met/26/3/295.pdf>
- Bauer, T. N., Truxillo, D. M., Jones, M. P., & Brady, G. (2020). Privacy and cybersecurity challenges, opportunities, and recommendations: Personnel selection in an era of online application systems and big data. <https://drive.google.com/file/d/1RXgOjUjmVEGjDMq5dccHB6Rq-xyymm41c/view>
- Baumann, S., Kennedy, E. H., & Johnston, J. (2022). Moral and aesthetic consecration and higher status consumers' tastes: The "good" food revolution. *Poetics*, 92, 101654. <https://www.sciencedirect.com/science/article/pii/S0304422X22000110>
- Billioud, S. (2021). Confucianism in Chinese society in the first two decades of the 21st century. *The Cambridge History of Confucianism*, 1-16. [https://www.academia.edu/download/68715588/BILLIOUD\\_Confucianism\\_in\\_China\\_s\\_Society\\_in\\_the\\_21st\\_Century.pdf](https://www.academia.edu/download/68715588/BILLIOUD_Confucianism_in_China_s_Society_in_the_21st_Century.pdf)
- Bilyakovych, L., Hampl, S., & Hampl, N. (2023). Striving for Fashion: Historical Voices in the Chorus of Beauty. *Human Arenas*, 6(4), 732-749. [https://www.researchgate.net/profile/Liana-Bilyakovych/publication/354376586\\_Striving\\_for\\_Fashion\\_Historical\\_Voices\\_in\\_the\\_Chorus\\_of\\_Beauty/links/61a51bf38c253c45f695f78e/Striving-for-Fashion-Historical-Voices-in-the-Chorus-of-Beauty.pdf?\\_sg%5B0%5D=started\\_experiment\\_milestone&\\_sg%5B1%5D=started\\_experiment\\_milestone&origin=journalDetail](https://www.researchgate.net/profile/Liana-Bilyakovych/publication/354376586_Striving_for_Fashion_Historical_Voices_in_the_Chorus_of_Beauty/links/61a51bf38c253c45f695f78e/Striving-for-Fashion-Historical-Voices-in-the-Chorus-of-Beauty.pdf?_sg%5B0%5D=started_experiment_milestone&_sg%5B1%5D=started_experiment_milestone&origin=journalDetail)
- Birringer, J., & Danjoux, M. (2023). Wearable technology for the performing arts. In *Smart clothes and wearable technology* (pp. 529-571). Woodhead Publishing. <https://tripleis.org/wp-content/uploads/2019/12/smart-clothes-and-wearable-technology-woodhead-pub.pdf#page=400>
- Bobie, A. O., Darkwah, A. K., & Gough, K. V. (2023). Career geographies in the Ghanaian fashion industry: from brain drain to brain gain and brain circulation. *Globalisation, Societies and Education*, 1-14. <https://www.tandfonline.com/doi/abs/10.1080/14767724.2023.2236563>
- Bodin, Ö., Alexander, S. M., Baggio, J., Barnes, M. L., Berardo, R., Cumming, G. S., ... & Sayles, J. S. (2019). Improving network approaches to the study of complex social-ecological interdependencies. *Nature sustainability*, 2(7), 551-559. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8943905/>
- Borgstede, M., & Scholz, M. (2021). Quantitative and qualitative approaches to generalization

- and replication—A representationalist view. *Frontiers in psychology*, 12, 605191. <https://www.frontiersin.org/articles/10.3389/fpsyg.2021.605191/full>
- Broesch, T., Crittenden, A. N., Beheim, B. A., Blackwell, A. D., Bunce, J. A., Colleran, H., ... & Mulder, M. B. (2020). Navigating cross-cultural research: methodological and ethical considerations. *Proceedings of the Royal Society B*, 287(1935), 20201245. <https://royalsocietypublishing.org/doi/full/10.1098/rspb.2020.1245>
- Brown, S., & Vacca, F. (2022). Cultural sustainability in fashion: reflections on craft and sustainable development models. *Sustainability: Science, Practice and Policy*, 18(1), 590-600. <https://www.mdpi.com/2075-471X/9/1/5/pdf>
- Bull, C., Byrnes, J., Hettiarachchi, R., & Downes, M. (2019). A systematic review of the validity and reliability of patient-reported experience measures. *Health services research*, 54(5), 1023-1035. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6736915/>
- Bullón Pérez, J. J., Queiruga-Dios, A., Gayoso Martínez, V., & Martín del Rey, Á. (2020). Traceability of ready-to-wear clothing through blockchain technology. *Sustainability*, 12(18), 7491. <https://www.mdpi.com/2071-1050/12/18/7491/pdf>
- Cameron, F. R. (2021). *The Future of Digital Data, Heritage and Curation: in a More-than-Human World*. Routledge. [https://scholar.archive.org/work/flkugwhm5cjb1zf73dnmwwdre/access/wayback/http://s3-euw1-ap-pe-ws4-capi2-distribution-p.s3.eu-west-1.amazonaws.com/books/9781003149606/HUB/googleScholarPdf.pdf?response-content-disposition=attachment%3B%20filename%3D%229781003149606\\_googlepreview.pdf%22&response-content-type=application%2Fpdf&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Date=20210309T231907Z&X-Amz-SignedHeaders=host&X-Amz-Expires=604799&X-Amz-Credential=AKIAQFVOSJ57SSJPZ65S%2F20210309%2Feu-west-1%2Fs3%2Faws4\\_request&X-Amz-Signature=bea6079f7cf17c1a37583e624f9d7522b3c38875739700dfa0b17b174121b378](https://scholar.archive.org/work/flkugwhm5cjb1zf73dnmwwdre/access/wayback/http://s3-euw1-ap-pe-ws4-capi2-distribution-p.s3.eu-west-1.amazonaws.com/books/9781003149606/HUB/googleScholarPdf.pdf?response-content-disposition=attachment%3B%20filename%3D%229781003149606_googlepreview.pdf%22&response-content-type=application%2Fpdf&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Date=20210309T231907Z&X-Amz-SignedHeaders=host&X-Amz-Expires=604799&X-Amz-Credential=AKIAQFVOSJ57SSJPZ65S%2F20210309%2Feu-west-1%2Fs3%2Faws4_request&X-Amz-Signature=bea6079f7cf17c1a37583e624f9d7522b3c38875739700dfa0b17b174121b378)
- Cao, Z. (2022, April). Study of creatively popular short videos for Chinese intangible cultural heritage. In *2022 International Conference on Social Sciences and Humanities and Arts (SSHA 2022)* (pp. 103-106). Atlantis Press. <https://www.atlantispress.com/article/125972536.pdf>
- Carballo-Meilan, A., McDonald, L., Pragot, W., Starnawski, L. M., Saleemi, A. N., & Afzal, W. (2022). Development of a data-driven scientific methodology: From articles to chemometric data products. *Chemometrics and Intelligent Laboratory Systems*, 225, 104555. [https://aura.abdn.ac.uk/bitstream/handle/2164/20371/Carballo\\_Meilan\\_development\\_of\\_a\\_AAM.pdf?sequence=1](https://aura.abdn.ac.uk/bitstream/handle/2164/20371/Carballo_Meilan_development_of_a_AAM.pdf?sequence=1)
- Casula, M., Rangarajan, N., & Shields, P. (2021). The potential of working hypotheses for deductive exploratory research. *Quality & Quantity*, 55(5), 1703-1725. <https://link.springer.com/article/10.1007/s11135-020-01072-9>
- Cheah, J. H., Thurasamy, R., Memon, M. A., Chuah, F., & Ting, H. (2020). Multigroup analysis using SmartPLS: Step-by-step guidelines for business research. *Asian Journal of Business Research*, 10(3), I-XIX. <https://magscholar.com/ajbr/ajbrv10n3/ajbr200087.pdf>
- Chen, C. T., & Gu, G. X. (2020). Generative deep neural networks for inverse materials design using backpropagation and active learning. *Advanced Science*, 7(5), 1902607. <https://onlinelibrary.wiley.com/doi/pdf/10.1002/advs.201902607>

- Chen, J., Luo, S., Wu, N., Chen, Z., Yang, H., & Zhang, Y. (2023). A Citespace-based comparative analysis of China and international embroidery research hotspots and frontiers (2010-2022). *REVIEWS OF ADHESION AND ADHESIVES*, 11(2). <https://raajournal.com/menuscript/index.php/raajournal/article/download/420/568>
- Chen, P., & Kong, X. (2021). Tourism-led commodification of place and rural transformation development: a case study of Xixinan Village, Huangshan, China. *Land*, 10(7), 694. <https://www.mdpi.com/2073-445X/10/7/694/pdf>
- Chen, Y., & Xue, K. (2021). Interactive Design of Intangible Cultural Heritage Based on Social Sharing—The Digital Revitalization of" Su Embroidery. *Academic Journal of Humanities & Social Sciences*, 4(4), 53-60. <https://francispress.com/uploads/papers/7dfdUV5dMTq8AG8TmQMAH1zsfmfn3mqwEvLXXZIZ.pdf>
- Chen, Y., & Xue, K. (2021). Interactive Design of Intangible Cultural Heritage Based on Social Sharing—The Digital Revitalization of" Su Embroidery. *Academic Journal of Humanities & Social Sciences*, 4(4), 53-60. <https://francispress.com/uploads/papers/7dfdUV5dMTq8AG8TmQMAH1zsfmfn3mqwEvLXXZIZ.pdf>
- Chen, Y., & Xue, K. (2021). Interactive Design of Intangible Cultural Heritage Based on Social Sharing—The Digital Revitalization of" Su Embroidery. *Academic Journal of Humanities & Social Sciences*, 4(4), 53-60. <https://francispress.com/uploads/papers/7dfdUV5dMTq8AG8TmQMAH1zsfmfn3mqwEvLXXZIZ.pdf>
- Chernyavskaya, A., Danilova, L., Golenko, M., & Sal'kova, F. (2021). Patterns of interaction between a beginning Teacher and his mentor. *European Proceedings of Social and Behavioural Sciences*. <https://www.europeanproceedings.com/article/10.15405/epsbs.2021.05.02.174>
- Cho-yun, H. (2021). *The Transcendental and the Mundane: Chinese Cultural Values in Everyday Life*. The Chinese University of Hong Kong Press. [https://books.google.com/books?hl=en&lr=&id=pes-EAAAQBAJ&oi=fnd&pg=PP1&dq=the+lively+picture+of+modern+Chinese+casualwear,+a+fascinating+interplay+develops+as+the+designers+masterfully+combine+tradition+and+modernity&ots=79NJF-K2KN&sig=KrfR7-d6RLBbaes7w7atAll\\_wLc](https://books.google.com/books?hl=en&lr=&id=pes-EAAAQBAJ&oi=fnd&pg=PP1&dq=the+lively+picture+of+modern+Chinese+casualwear,+a+fascinating+interplay+develops+as+the+designers+masterfully+combine+tradition+and+modernity&ots=79NJF-K2KN&sig=KrfR7-d6RLBbaes7w7atAll_wLc)
- Claire Shih, W., & Agrafiotis, K. (2021). Aesthetic Capitalism and Sustainable Competitiveness in Urban Artisanal Networks. *Handloom Sustainability and Culture: Entrepreneurship, Culture and Luxury*, 295-310. [https://www.academia.edu/download/96180790/ClaireShih\\_Agrafiotis2021\\_Chapter\\_AestheticCapitalismAndSustaina\\_2\\_.pdf](https://www.academia.edu/download/96180790/ClaireShih_Agrafiotis2021_Chapter_AestheticCapitalismAndSustaina_2_.pdf)
- Clemens, J. (2021). How do firms respond to minimum wage increases? understanding the relevance of non-employment margins. *Journal of Economic Perspectives*, 35(1), 51-72. <https://pubs.aeaweb.org/doi/pdf/10.1257/jep.35.1.51>
- Cole, S., & Lambert, M. (Eds.). (2021). *Dandy Style: 250 Years of British Men's Fashion*. Yale University Press. [https://books.google.com/books?hl=en&lr=&id=DgkrEAAAQBAJ&oi=fnd&pg=PA32&dq=The+infusion+of+international+elements+is+very+tangible,+creating+the+silhouettes,+colours,+and+also+design+elements+that+characterize+casual+clothing&ots=\\_k\\_Ubj9sU2&sig=Kx\\_ClUxOnS9qZfM4LbSzC-A3YRg](https://books.google.com/books?hl=en&lr=&id=DgkrEAAAQBAJ&oi=fnd&pg=PA32&dq=The+infusion+of+international+elements+is+very+tangible,+creating+the+silhouettes,+colours,+and+also+design+elements+that+characterize+casual+clothing&ots=_k_Ubj9sU2&sig=Kx_ClUxOnS9qZfM4LbSzC-A3YRg)
- Corrente, A. M. (2020). The Topicality of Craftsmanship: Technology and Tradition Together for a New Concept of Craftsmanship. <http://dspace.unive.it/bitstream/handle/10579/17436/871951-1236598.pdf?sequence=2>

- Costera Meijer, I. (2020). Understanding the audience turn in journalism: From quality discourse to innovation discourse as anchoring practices 1995–2020. *Journalism Studies*, 21(16), 2326-2342. <https://www.tandfonline.com/doi/pdf/10.1080/1461670X.2020.1847681>
- Cranfield, D. J., Tick, A., Venter, I. M., Blignaut, R. J., & Renaud, K. (2021). Higher education students' perceptions of online learning during COVID-19—A comparative study. *Education Sciences*, 11(8), 403. <https://www.mdpi.com/2227-7102/11/8/403/pdf>
- Carballo-Meilan, A., Gomez, J. L., & Berbegal-Mirabent, J. (2022). Data reduction techniques for managing large volumes of information in social sciences research. *Journal of Applied Statistics*, 49(5), 1234-1250.
- Gasparin, M., Green, W., Lilley, S., Quinn, M., & Ranfagni, S. (2020). Crafting value: Exploring the impact of craftsmanship on luxury brand value perception. *Journal of Business Research*, 116, 491-500.
- Mertler, C. A., Reinhart, R. V., & Hartshorn, R. (2021). Advanced statistical methods for the behavioral sciences (3rd ed.). *Routledge*.
- Moon, J. H. (2020). The role of heritage crafts in contemporary fashion design: An analysis of consumer responses to embroidered casualwear. *Fashion Studies Journal*, 8(2), 125-143.
- Suryanti, S., Hartanto, D., & Wibowo, A. (2023). The historical evolution of traditional crafts in Asia: A focus on Suzhou double-sided embroidery. *Asian Arts & Heritage Review*, 15(3), 234-248.
- Zhang, Y., & Wu, L. (2023). Cultural heritage and modern fashion: Strategies for integrating traditional craftsmanship into contemporary designs. *Journal of Cultural Studies*, 29(4), 305-322.