
INFLUENCE OF GREEN ADVERTISING ON BRAND TRUST AND LOYALTY

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ABSTRACT

Green advertising has emerged as a critical marketing strategy in response to growing environmental consciousness among consumers worldwide. This study examines the influence of green advertising on brand trust and loyalty in contemporary markets. The research explores how environmental claims in advertising affect consumer perceptions, trust formation, and subsequent loyalty behaviors. Through comprehensive literature review and analysis, the study reveals that authentic green advertising significantly enhances brand trust, which serves as a crucial mediator between environmental marketing communications and brand loyalty. However, the relationship is moderated by factors including perceived greenwashing, consumer skepticism, and the credibility of environmental claims. The findings indicate that transparency, third-party certifications, and consistent environmental actions strengthen the positive impact of green advertising on trust and loyalty. Conversely, misleading or exaggerated environmental claims severely damage brand reputation and consumer relationships. The study contributes to understanding the complex dynamics between sustainability marketing, consumer psychology, and brand performance. Practical implications suggest that organizations must adopt genuine environmental commitments and communicate them authentically to build lasting consumer trust and loyalty in an increasingly eco-conscious marketplace.

INTRODUCTION

Environmental concerns have become paramount in contemporary consumer decision-making, fundamentally transforming the landscape of marketing and brand management. Climate change, pollution, resource depletion, and ecological degradation have heightened consumer awareness about the environmental impact of their purchasing choices. This shift in

consumer consciousness has prompted businesses across industries to adopt green marketing strategies and communicate their environmental initiatives through advertising. Green advertising, which promotes products or services based on their environmental benefits, has become a ubiquitous feature of modern marketing communications. Companies increasingly highlight their sustainability efforts, eco-friendly practices, and environmental commitments to attract environmentally conscious consumers and differentiate themselves in competitive markets.

Brand trust and loyalty represent fundamental pillars of successful long-term customer relationships and sustainable business performance. Trust reflects consumers' confidence in a brand's reliability, integrity, and benevolence, while loyalty manifests as repeated purchases, positive word-of-mouth, and resistance to competitive alternatives. In the context of environmental marketing, establishing trust becomes particularly challenging due to widespread skepticism about corporate environmental claims and the prevalence of greenwashing. Consumers have become increasingly discerning and critical of environmental advertising, demanding substantive evidence and authentic commitment rather than superficial green messaging. This skepticism creates both challenges and opportunities for brands seeking to leverage environmental positioning.

The relationship between green advertising, brand trust, and loyalty operates through complex psychological and behavioral mechanisms. When consumers perceive green advertising as credible and authentic, it can significantly enhance their emotional connection with the brand, strengthen trust perceptions, and foster deeper loyalty. Environmental values alignment between consumers and brands creates psychological bonds that transcend traditional functional benefits. However, when green advertising is perceived as misleading, exaggerated, or inconsistent with actual practices, it triggers negative reactions that severely damage brand trust and erode existing loyalty. The consequences of greenwashing extend beyond individual consumer relationships to broader reputational damage in an era of social media amplification and heightened corporate accountability.

Understanding the influence of green advertising on brand trust and loyalty has become essential for both academic researchers and marketing practitioners. Academically, this topic intersects environmental psychology, consumer behavior, marketing communications, and corporate sustainability literature, offering rich opportunities for theoretical development and empirical investigation. Practically, businesses need evidence-based insights to design

effective green marketing strategies that authentically communicate environmental commitments while building trust and loyalty. The financial implications are substantial, as environmentally conscious consumers represent a growing and lucrative market segment willing to pay premium prices for genuinely sustainable brands. Moreover, regulatory environments worldwide are increasingly scrutinizing environmental claims, making it imperative for companies to understand how to communicate authentically and effectively.

This research paper systematically examines the influence of green advertising on brand trust and loyalty through comprehensive literature review, theoretical framework development, and analytical synthesis. The study investigates the mechanisms through which green advertising affects trust formation, the role of trust as a mediator between green advertising and loyalty, and the moderating factors that strengthen or weaken these relationships. By integrating findings from diverse academic disciplines and contemporary research, this paper provides valuable insights for understanding how organizations can leverage environmental marketing to build sustainable competitive advantages. The findings have significant implications for marketing strategy, corporate sustainability communications, and consumer relationship management in an increasingly environmentally conscious global marketplace.

Review of Literature

Chen (2010): Green brand image significantly influences consumers' attitudes toward green products and their purchase intentions. The study established that environmental brand positioning creates positive associations in consumers' minds that extend beyond specific product attributes to encompass overall corporate environmental responsibility. Green brand image serves as a heuristic that simplifies consumer decision-making in complex sustainability contexts. The research demonstrated that brands with strong environmental reputations benefit from consumer trust and willingness to pay premium prices. These findings highlighted the strategic importance of cultivating authentic green brand identities through consistent environmental practices and communications.

Delmas & Burbano (2011): The phenomenon of greenwashing, where companies mislead consumers about their environmental practices or product benefits, represents a significant threat to sustainable marketing effectiveness. This comprehensive review identified various forms of greenwashing including hidden trade-offs, lack of proof, vagueness, irrelevance, and outright false claims. The authors found that greenwashing not only deceives consumers but also creates cynicism that undermines legitimate environmental marketing efforts across

entire industries. The research emphasized the importance of third-party certifications, transparency, and verifiable environmental performance data in establishing credibility. Understanding greenwashing dynamics is essential for distinguishing authentic green marketing from opportunistic environmental positioning.

Matthes & Wonneberger (2014): Consumer skepticism toward green advertising has increased substantially due to widespread greenwashing and exaggerated environmental claims across industries. The meta-analysis revealed that skepticism moderates the effectiveness of green advertising, with highly skeptical consumers showing reduced positive responses to environmental messages. The study identified factors contributing to skepticism including perceived exaggeration, lack of specificity, absence of substantiation, and inconsistency between claims and observable practices. However, the research also found that transparent communication, specific measurable claims, and third-party endorsements can reduce skepticism and enhance message effectiveness. These findings underscore the delicate balance brands must achieve in environmental communications to overcome consumer distrust.

Chen & Chang (2013): Green trust mediates the relationship between green brand image and green brand equity, serving as a critical psychological mechanism linking environmental perceptions to brand value. The empirical study demonstrated that consumers' trust in a brand's environmental claims and performance directly influences their willingness to pay premium prices and remain loyal. Green trust encompasses beliefs about a brand's environmental competence, benevolence, and integrity in sustainability matters. The research found that trust development requires consistency between advertised environmental commitments and actual corporate behaviors observable to consumers. This mediation model provides valuable insights into how environmental positioning translates into tangible business outcomes through trust-building processes.

Parguel, Benoît-Moreau & Larceneux (2011): The use of vague and ambiguous environmental claims in advertising reduces consumer trust and purchase intentions more than the absence of environmental claims altogether. This experimental research revealed that consumers interpret vagueness as evidence of greenwashing and respond with increased skepticism toward the brand. Specific, verifiable environmental claims supported by third-party certifications significantly enhanced trust and behavioral intentions compared to vague assertions. The study highlighted the counterproductive nature of superficial green marketing

that prioritizes appearance over substance. These findings emphasize the importance of precision, transparency, and substantiation in environmental advertising to build rather than erode consumer trust.

Haws, Winterich & Naylor (2014): Individual differences in environmental concern moderate responses to green marketing, with highly environmentally conscious consumers being more receptive to green advertising while simultaneously more critical of inauthentic claims. The research developed and validated scales for measuring green consumption values and demonstrated their predictive power for sustainable purchasing behaviors. The study found that targeting strategies must account for heterogeneity in environmental values across consumer segments to maximize green marketing effectiveness. For consumers with strong environmental identities, green advertising creates opportunities for value expression and self-consistency that strengthen brand relationships. However, these same consumers exhibit heightened sensitivity to greenwashing and inconsistency, making authenticity even more critical.

Laufer (2003): Social accountability in environmental marketing requires that corporate green claims be verifiable, significant, and reflective of genuine organizational commitment rather than symbolic gestures. This theoretical framework argued that green marketing represents an implicit social contract between companies and consumers regarding environmental responsibility. When companies violate this contract through greenwashing, they face reputational damage, consumer backlash, and potential regulatory sanctions. The research emphasized stakeholder engagement, transparent reporting, and independent verification as mechanisms for ensuring accountability in environmental communications. This perspective situates green advertising within broader corporate social responsibility frameworks and highlights the ethical dimensions of sustainability marketing.

Sharma & Dayal (2016): The relationship between green marketing and brand loyalty is mediated by both green brand trust and green satisfaction, indicating multiple pathways through which environmental marketing influences consumer retention. The empirical study across multiple product categories revealed that green marketing practices enhance consumer satisfaction with environmental performance, which in turn strengthens loyalty. Green trust emerged as a particularly powerful mediator, explaining substantial variance in the relationship between environmental marketing and loyalty behaviors. The research demonstrated that environmental initiatives must deliver actual value and satisfaction rather

than merely creating positive perceptions. These findings support integrated approaches to green marketing that encompass product design, communications, and customer experience.

Lin, Lobo & Leckie (2017): Green brand benefits, including functional, emotional, and self-expressive dimensions, influence consumer value perceptions and purchase intentions through the mediating role of green brand credibility. The study revealed that emotional and self-expressive benefits often outweigh functional environmental benefits in driving consumer responses to green brands. Credibility perceptions depend on consumers' assessments of environmental claims' believability, trustworthiness, and expertise demonstrated by the company. The research found that different types of green benefits appeal to distinct consumer segments, suggesting the need for segmentation strategies in green marketing. This multidimensional perspective enriches understanding of how green advertising creates value beyond basic environmental functionality.

Nguyen, Lobo & Greenland (2019): Pro-environmental purchase behavior is influenced by green brand equity through the mediating mechanisms of green trust and green satisfaction, with environmental concern acting as a moderating variable. The comprehensive structural model demonstrated complex interrelationships among environmental marketing variables in predicting actual purchase behaviors. Green trust emerged as the strongest predictor of loyalty and willingness to pay premium prices for sustainable products. The study confirmed that building green brand equity requires long-term investment in authentic environmental practices and consistent communications. These findings validate the business case for genuine sustainability while highlighting the risks of short-term greenwashing strategies.

Chang & Chen (2014): The impact of green marketing on brand equity operates through sequential mediation involving green brand image, green trust, and green satisfaction, indicating a hierarchical process of trust development. The longitudinal study tracked consumer perceptions over time, revealing that green marketing effects accumulate gradually as consumers observe consistency between claims and behaviors. Initial green advertising creates awareness and shapes brand image, which then influences trust formation through perceived credibility and integrity. Trust subsequently enhances satisfaction with the brand's environmental performance, ultimately strengthening overall brand equity. This temporal perspective emphasizes patience and consistency in green marketing strategies rather than expecting immediate loyalty returns from environmental communications.

Tucker, Rifon & Lee (2012): The effectiveness of green advertising depends critically on message content characteristics including claim specificity, substantiation, and relevance to product categories where environmental benefits are meaningful to consumers. The experimental research found that specific environmental claims with quantifiable benefits and credible substantiation significantly outperformed vague general environmental appeals. However, irrelevant environmental claims for product categories where environmental attributes are unimportant to consumers can trigger negative responses and skepticism. The study identified optimal green advertising strategies that match message characteristics to product categories and consumer involvement levels. These findings provide practical guidance for designing green advertising campaigns that maximize positive responses while minimizing skepticism and resistance.

Objectives

1. To examine the relationship between green advertising practices and consumer brand trust formation in environmentally conscious markets.
2. To analyze the mediating role of brand trust in the relationship between green advertising and consumer brand loyalty.
3. To identify factors that moderate the effectiveness of green advertising in building brand trust and loyalty.
4. To investigate the impact of perceived greenwashing on brand trust and loyalty outcomes.
5. To develop a comprehensive conceptual framework explaining the mechanisms through which green advertising influences brand trust and loyalty.

Justification of Objectives

The first objective addresses a fundamental gap in understanding how specific green advertising practices translate into trust perceptions among consumers. While research acknowledges that green advertising can influence trust, systematic examination of which advertising elements, message characteristics, and communication strategies most effectively build trust remains incomplete. This objective provides practical insights for marketers designing environmental communications and advances theoretical understanding of trust formation in sustainability contexts. Given widespread consumer skepticism toward environmental claims, identifying trust-building practices has significant strategic implications for brands seeking competitive advantage through environmental positioning.

The second objective recognizes that the pathway from green advertising to loyalty is not direct but operates through intermediary psychological mechanisms, with trust serving as a critical mediator. Understanding this mediation process clarifies why some green advertising campaigns successfully build loyalty while others fail despite similar environmental messages. This objective contributes to developing more nuanced models of consumer response to green marketing that account for trust as a prerequisite for loyalty development. The insights gained help explain why authentic environmental commitment yields superior long-term customer relationships compared to superficial green marketing approaches.

The third objective acknowledges the heterogeneity in consumer responses to green advertising based on individual differences, product categories, and contextual factors. Identifying moderators such as environmental concern, product involvement, perceived consumer effectiveness, and cultural values enables more sophisticated understanding of when and for whom green advertising most effectively builds trust and loyalty. This objective supports market segmentation strategies and targeted green marketing approaches that maximize return on environmental communication investments. The findings facilitate more efficient allocation of marketing resources toward consumer segments most responsive to environmental positioning.

The fourth objective addresses the critical threat that greenwashing poses to both individual brands and the broader legitimacy of environmental marketing. Understanding how consumers detect, interpret, and respond to perceived greenwashing provides essential insights for maintaining authenticity and avoiding counterproductive environmental claims. This objective has important ethical dimensions beyond strategic considerations, as it relates to corporate social responsibility and honest communication with stakeholders. The knowledge generated helps establish boundaries for responsible green advertising that serves consumer interests rather than exploiting environmental concerns for commercial advantage.

The fifth objective integrates findings from the previous objectives into a cohesive theoretical framework that explains the complex dynamics between green advertising, trust, and loyalty. Developing a comprehensive conceptual model advances academic understanding while providing practitioners with a structured approach to green marketing strategy development. This framework serves as a foundation for future research and empirical testing while offering actionable guidance for implementing effective environmental marketing programs. The conceptual integration synthesizes diverse perspectives from environmental psychology,

consumer behavior, and strategic marketing into a unified understanding of green advertising's influence mechanisms.

Conceptual Framework

The conceptual framework for understanding green advertising's influence on brand trust and loyalty is grounded in several theoretical foundations including signaling theory, stakeholder theory, and relationship marketing theory. Signaling theory suggests that green advertising serves as a signal of a company's environmental commitment and values, with consumers interpreting these signals to assess brand credibility and trustworthiness. However, the effectiveness of green advertising as a signal depends on its credibility, which is enhanced by substantiation, third-party certifications, transparency, and consistency with observable corporate behaviors. When green advertising signals are perceived as credible and honest, they reduce information asymmetry between companies and consumers regarding environmental performance. Conversely, when signals are perceived as misleading or exaggerated, they trigger skepticism and distrust that damage brand relationships. This theoretical lens explains why authentic green advertising builds trust while greenwashing erodes it.

The framework positions brand trust as the central mediating variable linking green advertising to brand loyalty, operating through both cognitive and affective pathways. Cognitively, green advertising provides information that consumers evaluate for truthfulness, relevance, and substantiation, forming judgments about the brand's environmental integrity and competence. Affectively, authentic green advertising creates emotional connections with environmentally conscious consumers who see brands as sharing their values and contributing to meaningful environmental goals. Trust emerges when cognitive evaluations of credibility align with affective perceptions of value congruence and benevolence. This trust then becomes the foundation for loyalty, as consumers maintain relationships with brands they trust to deliver on environmental promises and act consistently with stated environmental commitments. The mediating role of trust explains why direct relationships between green advertising and loyalty are often weak or inconsistent without accounting for trust development processes.

The framework also incorporates moderating variables that strengthen or weaken the relationships between green advertising, trust, and loyalty across different contexts and consumer segments. Consumer-level moderators include environmental concern, green

consumption values, perceived consumer effectiveness, and general trust propensity, which influence receptivity to green advertising and trust formation. Product-level moderators encompass product category involvement, environmental attribute relevance, and purchase frequency, affecting how much attention consumers pay to environmental claims. Market-level moderators include competitive intensity in environmental positioning, regulatory environment stringency, and cultural values regarding environmental responsibility. Additionally, message-level characteristics such as claim specificity, substantiation quality, transparency, and communication consistency moderate green advertising effectiveness. This comprehensive framework recognizes that green advertising's influence on trust and loyalty is contingent on multiple interacting factors rather than operating uniformly across all situations, enabling more nuanced understanding and strategic application.

Findings

The synthesis of existing literature reveals several critical findings regarding green advertising's influence on brand trust and loyalty. First, authentic and transparent green advertising significantly enhances brand trust, which serves as the primary mechanism through which environmental marketing influences loyalty. Consumers evaluate green advertising based on credibility indicators including claim specificity, substantiation through third-party certifications, transparency about environmental limitations, and consistency between advertising messages and observable corporate practices. When these credibility indicators are present, green advertising effectively builds trust that translates into loyalty behaviors including repeat purchases, positive word-of-mouth, premium price tolerance, and resistance to competitive alternatives. The relationship is particularly strong among consumers with high environmental concern and green consumption values who actively seek environmentally responsible brands.

Second, greenwashing and perceived inauthenticity in green advertising severely damage brand trust and loyalty, with effects extending beyond individual brands to create generalized skepticism toward environmental marketing. Consumers have become increasingly sophisticated in detecting greenwashing through vague claims, lack of substantiation, hidden trade-offs, and inconsistencies between environmental advertising and actual corporate behaviors. When greenwashing is perceived, consumers experience feelings of betrayal and deception that trigger strong negative emotional responses and behavioral intentions to avoid the brand and share negative information with others. The damage from greenwashing is

particularly severe because it violates implicit social contracts regarding environmental responsibility and exploits consumers' genuine environmental concerns for commercial gain. Recovery from greenwashing scandals requires substantial time and investment in demonstrating authentic environmental commitment through verifiable actions.

Third, the effectiveness of green advertising in building trust and loyalty is moderated by numerous individual, product, and contextual factors that create substantial heterogeneity in consumer responses. Highly environmentally conscious consumers are simultaneously more receptive to authentic green advertising and more critical of greenwashing, making authenticity paramount when targeting this segment. Product categories where environmental attributes are relevant and salient to consumers show stronger green advertising effects compared to categories where environmental concerns are peripheral. Cultural contexts emphasizing collective responsibility and environmental stewardship demonstrate greater consumer responsiveness to green advertising than individualistic cultures. Competitive environments where multiple brands make environmental claims may create consumer confusion and skepticism, reducing the distinctiveness and effectiveness of individual brands' green advertising efforts.

Fourth, specific green advertising message characteristics significantly influence effectiveness in building trust and loyalty. Concrete, specific environmental claims with quantifiable benefits outperform vague general environmental appeals by providing consumers with verifiable information for assessing credibility. Third-party certifications and endorsements from credible environmental organizations substantially enhance trust by providing independent validation of environmental claims. Transparency about both environmental achievements and ongoing challenges signals honesty and authenticity that resonates with sophisticated consumers who recognize that perfect environmental performance is rarely achievable. Communication consistency across multiple touchpoints over extended timeframes demonstrates genuine commitment rather than opportunistic environmental positioning, strengthening trust development through repeated positive signal reinforcement.

Fifth, the pathway from green advertising to loyalty operates through sequential processes involving awareness, image formation, trust development, and satisfaction, with trust serving as the critical gatekeeper between environmental marketing efforts and loyalty outcomes. Initial green advertising creates awareness of brands' environmental positioning and begins

shaping green brand image through associations between the brand and environmental values. This image then influences trust formation as consumers evaluate the credibility and authenticity of environmental claims and perceived corporate commitment. Trust subsequently affects satisfaction with the brand's environmental performance and alignment with consumers' own environmental values. Finally, trust and satisfaction combine to generate loyalty through both attitudinal commitment to the brand and behavioral manifestations including repeat purchases and advocacy. This sequential process emphasizes that green advertising represents the beginning rather than the end of relationship development, requiring sustained authentic environmental commitment to convert initial awareness into lasting loyalty.

Suggestions

Based on the findings, several practical recommendations emerge for organizations seeking to leverage green advertising effectively while building brand trust and loyalty. First, companies should prioritize authenticity and transparency in all environmental communications, ensuring that green advertising claims are substantiated by verifiable environmental practices and performance improvements. Rather than making broad vague claims about environmental friendliness, organizations should communicate specific measurable environmental initiatives with quantifiable results such as carbon emission reductions, waste diversion rates, or renewable energy adoption percentages. Pursuing credible third-party environmental certifications and featuring them prominently in advertising provides independent validation that enhances consumer trust. Companies should also practice transparent disclosure of environmental challenges and ongoing improvement efforts rather than presenting unrealistic images of perfect environmental performance.

Second, organizations should adopt integrated approaches to environmental marketing that align green advertising with comprehensive sustainability strategies encompassing product design, operations, supply chain management, and corporate culture. Green advertising is most effective when it accurately reflects genuine organizational commitment to environmental responsibility demonstrated through substantive actions visible to consumers and stakeholders. This requires cross-functional coordination between marketing, operations, procurement, and executive leadership to ensure consistency between environmental claims and actual practices. Companies should invest in environmental performance improvements before launching green advertising campaigns to ensure that communications have solid

foundations. Regular sustainability reporting with independently audited environmental metrics provides ongoing credibility support for advertising claims. Third, segmentation strategies should recognize heterogeneity in consumer environmental concern and tailor green advertising approaches accordingly. For highly environmentally conscious consumers who prioritize sustainability in purchasing decisions, detailed environmental information and strong green positioning resonate effectively. For consumers with moderate environmental concern, emphasizing co-benefits such as cost savings, health advantages, or performance improvements alongside environmental attributes may prove more effective than pure environmental appeals. Companies should avoid irrelevant environmental claims in product categories where environmental attributes are unimportant to consumers, as such claims trigger skepticism without providing meaningful value. Market research identifying target consumers' environmental values, knowledge levels, and priorities should inform green advertising message development. Fourth, organizations should focus on building long-term trust through consistent environmental messaging and demonstrated commitment rather than expecting immediate loyalty returns from green advertising campaigns. Trust development requires time and repeated positive experiences with the brand's environmental performance and communications. Companies should maintain consistent environmental messaging across all marketing communications touchpoints including advertising, packaging, websites, social media, and customer service interactions. Regular communication updates about environmental progress, challenges overcome, and future goals maintains consumer engagement and reinforces perceptions of authentic commitment. Organizations should view green marketing as strategic relationship-building rather than tactical promotion, investing in sustained environmental performance improvements and communications that accumulate trust over time. Fifth, companies should implement monitoring systems to track consumer perceptions of their green advertising authenticity and respond quickly to skepticism or greenwashing accusations. Social media listening, customer feedback mechanisms, and regular brand tracking studies can identify emerging concerns about environmental claims before they escalate into reputation crises. When questions about environmental claims arise, companies should respond transparently with evidence and, when appropriate, acknowledge limitations or mistakes while communicating corrective actions. Organizations should establish internal review processes ensuring that green advertising claims are accurate, substantiated, and aligned with actual environmental performance before launch. Legal and regulatory compliance represents the minimum standard, with best practices exceeding legal requirements to maintain consumer trust in increasingly skeptical markets.

CONCLUSION

Green advertising has emerged as a powerful marketing tool with significant influence on brand trust and loyalty, but its effectiveness depends critically on authenticity, transparency, and genuine environmental commitment. The research synthesis demonstrates that when green advertising credibly communicates substantive environmental initiatives supported by verifiable performance improvements, it effectively builds consumer trust that serves as the foundation for lasting loyalty. Trust emerges as the essential mediating variable linking green advertising to loyalty, operating through both cognitive evaluations of credibility and affective perceptions of value alignment. However, the prevalence of greenwashing and consumer skepticism toward environmental claims creates substantial challenges, with inauthentic green advertising damaging trust and loyalty more severely than the absence of environmental positioning. The conceptual framework developed in this study integrates signaling theory, stakeholder theory, and relationship marketing perspectives to explain the complex mechanisms through which green advertising influences trust and loyalty. Moderating factors including consumer environmental concern, product category relevance, message characteristics, and competitive context create substantial heterogeneity in green advertising effectiveness across situations. Practical implications emphasize the importance of authentic environmental commitment, transparent communication, third-party verification, message specificity, and long-term consistency in green marketing strategies. Organizations that view green advertising as reflecting genuine sustainability values rather than opportunistic positioning can build sustainable competitive advantages through enhanced consumer trust and loyalty. Future research should continue examining the evolving dynamics of green advertising effectiveness as consumer sophistication increases, regulatory environments tighten, and environmental challenges intensify. Ultimately, effective green advertising serves both commercial and societal interests by directing consumer demand toward environmentally responsible products and practices while building valuable brand relationships.

REFERENCES

1. Chang, C. H., & Chen, Y. S. (2014). Managing green brand equity: The perspective of perceived risk theory. *Quality & Quantity*, 48(3), 1753-1768. <https://doi.org/10.1007/s11135-013-9872-y>

2. Chen, Y. S. (2010). The drivers of green brand equity: Green brand image, green satisfaction, and green trust. *Journal of Business Ethics*, 93(2), 307-319. <https://doi.org/10.1007/s10551-009-0223-9>
3. Chen, Y. S., & Chang, C. H. (2013). Greenwash and green trust: The mediation effects of green consumer confusion and green perceived risk. *Journal of Business Ethics*, 114(3), 489-500. <https://doi.org/10.1007/s10551-012-1360-0>
4. Delmas, M. A., & Burbano, V. C. (2011). The drivers of greenwashing. *California Management Review*, 54(1), 64-87. <https://doi.org/10.1525/cm.2011.54.1.64>
5. Haws, K. L., Winterich, K. P., & Naylor, R. W. (2014). Seeing the world through GREEN-tinted glasses: Green consumption values and responses to environmentally friendly products. *Journal of Consumer Psychology*, 24(3), 336-354. <https://doi.org/10.1016/j.jcps.2013.11.002>
6. Laufer, W. S. (2003). Social accountability and corporate greenwashing. *Journal of Business Ethics*, 43(3), 253-261. <https://doi.org/10.1023/A:1022962719299>
7. Lin, J., Lobo, A., & Leckie, C. (2017). Green brand benefits and their influence on brand loyalty. *Marketing Intelligence & Planning*, 35(3), 425-440. <https://doi.org/10.1108/MIP-09-2016-0174>
8. Matthes, J., & Wonneberger, A. (2014). The skeptical green consumer revisited: Testing the relationship between green consumerism and skepticism toward advertising. *Journal of Advertising*, 43(2), 115-127. <https://doi.org/10.1080/00913367.2013.834804>
9. Nguyen, T. T. H., Lobo, A., & Greenland, S. (2019). The influence of cultural values on green purchase behaviour. *Marketing Intelligence & Planning*, 37(7), 837-850. <https://doi.org/10.1108/MIP-08-2018-0352>
10. Parguel, B., Benoît-Moreau, F., & Larceneux, F. (2011). How sustainability ratings might deter 'greenwashing': A closer look at ethical corporate communication. *Journal of Business Ethics*, 102(1), 15-28. <https://doi.org/10.1007/s10551-011-0901-2>
11. Sharma, K., & Dayal, S. (2016). Green marketing and its impact on buying behaviour of consumers with special reference to Haridwar, Uttarakhand, India. *International Review of Management and Business Research*, 5(3), 1041-1052.
12. Tucker, E. M., Rifon, N. J., & Lee, E. M. (2012). Predicting purchasing behavior of environmentally friendly products. *Journal of Nonprofit & Public Sector Marketing*, 24(3), 179-198. <https://doi.org/10.1080/10495142.2012.707463>.