

References

- Adhiguna, A., Junus HM, J., Isnaeni, R. F., Limbong, S. V., & Handoko, I. (2025). Understanding Indonesians' Intentions to Adopt Electric Vehicles: A Combination of Social Factors and Knowledge in the Theory of Planned Behavior and Technology Acceptance Model. *Eduvest - Journal of Universal Studies*, 5(11), 13408–13423. <https://doi.org/10.59188/eduvest.v5i11.52314>
- Ali Memon, M., Thurasamy, R., Ting, H., & Cheah, J.-H. (2025). PURPOSIVE SAMPLING: A REVIEW AND GUIDELINES FOR QUANTITATIVE RESEARCH. *Journal of Applied Structural Equation Modeling*, 9(1), 1–23. https://jasemjournal.com/wp-content/uploads/2024/12/JASEM90101_Memonetal2025.pdf
- Boonchunone, S., Nami, M., Krommuang, A., Phonsena, A., & Suwunnamek, O. (2023). Exploring the effects of perceived values on consumer usage intention for electric vehicle in Thailand: the mediating effect of satisfaction. *Acta Logistica*, 10(2), 151–164. <https://doi.org/10.22306/al.v10i2.363>
- Cahyadi, D. M., & Tjhin, V. U. (2025). Barriers to the Extensive Adoption of Electric Vehicles in Indonesia: A Systematic Literature Review. *IOP Conference Series: Earth and Environmental Science*, 1529(1), 012038. <https://doi.org/10.1088/1755-1315/1529/1/012038>
- Chang, T.-W. (2023). An indispensable role in promoting the electric vehicle Industry: An empirical test to explore the integration framework of electric vehicle charger and electric vehicle purchase behavior. *Transportation Research Part A-Policy and Practice*, 176, 103824–103824. <https://doi.org/10.1016/j.tra.2023.103824>
- Clarita, A., & Chalid, D. A. (2024, October 19). *Analysis Of Factors Influencing Consumer Purchase Intention For Electric Cars: A Case Study In Greater Jakarta*. EKOMBIS REVIEW: Jurnal Ilmiah Ekonomi Dan Bisnis. <https://doi.org/10.37676/ekombis.v12i4>
- Davis, F. D. (1989). Perceived usefulness, perceived ease of use, and user acceptance of information technology. *MIS Quarterly*, 13(3), 319–340. <https://doi.org/10.2307/249008>

- Dinas Perhubungan Provinsi DKI Jakarta. (2021, Oktober 23). Pembatasan lalu lintas dengan sistem ganjil-genap pada 13 ruas jalan dan 3 lokasi wisata diperpanjang. Pemprov DKI Jakarta. <https://www.jakarta.go.id/ganjil-genap>
- Ghani, A. A., Abdullah, N., B, K., Saidur, R., & Pandey, A. K. (2025). Assessing Technological-Driven Challenges and Policies Associated with Electric Vehicle (EV) Adoption. *Transport Policy*. <https://doi.org/10.1016/j.tranpol.2025.04.030>
- Guo, X. (2025). Consumer Purchasing Behaviour Pattern Recognition with Application of Meta-Analysis and Structural Equation Modelling as a Guide to Marketing Strategies for New Energy Vehicles. *Journal of Combinatorial Mathematics and Combinatorial Computing*, 127a. <https://doi.org/10.61091/jcmcc127a-477>
- Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2010). *Multivariate Data Analysis*. Prentice Hall.
- Hair, J. F., Risher, J., Sarstedt, M., & Ringle, C. M. (2018). (PDF) *When to use and how to report the results of PLS-SEM*. ResearchGate. https://www.researchgate.net/publication/329443894_When_to_use_and_how_to_report_the_results_of_PLS-SEM
- He, Z., Zhou, Y., Wang, J., Shen, W., Li, W., & Lu, W. (2022). Influence of emotion on purchase intention of electric vehicles: a comparative study of consumers with different income levels. *Current Psychology*, 42, 21704–21719. <https://doi.org/10.1007/s12144-022-03253-1>
- Hoang, T. T., Pham, T. H., & Vu, T. M. H. (2022). Examining customer purchase decision towards battery electric vehicles in Vietnam market: A combination of self-interested and pro-environmental approach. *Cogent Business & Management*, 9(1). <https://doi.org/10.1080/23311975.2022.2141671>
- Hussain, S., & Qureshi, I. M. (2024). Electric Vehicle Adoption: The Nexus of Knowledge, Perceived Usefulness, and Ease of Use. *Qlantic Journal of Social Sciences and Humanities*, 5(2), 154–161. <https://doi.org/10.55737/qjssh.591349398>

- IEA. (2025). *Executive summary – Global EV Outlook 2025 – Analysis* - IEA. IEA.
<https://www.iea.org/reports/global-ev-outlook-2025/executive-summary>
- Iqbal, M., Bowo Susilo, & Hizbaron, D. R. (2024). How Local Pollution and Transboundary Air Pollution Impact Air Quality in Jakarta? *Papers in Applied Geography*, 1–14.
<https://doi.org/10.1080/23754931.2024.2399626>
- Jiang, F., Yuan, X., Hu, L., Xie, G., Zhang, Z., Li, X., Hu, J., Wang, C., & Wang, H. (2024). A comprehensive review of energy storage technology development and application for pure electric vehicles. *Journal of Energy Storage*, 86, 111159–111159.
<https://doi.org/10.1016/j.est.2024.111159>
- Ju, N., & Kim, S. H. (2022, June 20). *Will Millennials Be a Major Market for Evs?* Papers.ssrn.com.
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4141287
- Jumlah Penduduk Menurut Kelompok Umur dan Jenis Kelamin (ribu jiwa) di Provinsi DKI Jakarta, 2025.* (2025). Badan Pusat Statistik Provinsi DKI Jakarta.
- Kaiser, H. F. (1974). An Index of Factorial Simplicity. *Psychometrika*, 39(1), 31–36.
<https://doi.org/10.1007/bf02291575>
- Kottala, S. Y., Chanagala, S., Balaji, C., Reddy, N., & Babu, V. (2025). Exploring electric vehicle consumer behavior: impact of digital innovation, environmental concern, perceived value, and social influence on purchase intentions. *Frontiers in Sustainable Cities*, 7.
<https://doi.org/10.3389/frsc.2025.1655074>
- Kresnanto, N. C., & Putri, W. H. (2024). Subsidies for electric vehicles as a form of green transportation: Evidence from Indonesia. *Transportation Research Interdisciplinary Perspectives*, 27, 101230. <https://doi.org/10.1016/j.trip.2024.101230>
- Kusworo, N. C. (2025, December 23). *Consumption is picking up, stability is yet to follow.* The Jakarta Post.
<https://www.thejakartapost.com/business/2025/12/23/consumption-is-picking-up-stability-is-yet-to-follow.html>

- Lampo, A., Costa, S., & Duarte, P. (2023). The role of environmental concern and technology show-off on electric vehicles adoption: the case of Macau. *International Journal of Emerging Markets*. <https://doi.org/10.1108/ijoem-10-2021-1637>
- Lestari, P., Arrohman, M. K., Damayanti, S., & Klimont, Z. (2022). Emissions and spatial distribution of air pollutants from anthropogenic sources in Jakarta. *Atmospheric Pollution Research*, 13(9), 101521. <https://doi.org/10.1016/j.apr.2022.101521>
- Liangliang, J., Barus, L. S., Safira, F., & Luis, L. Y. (2025). Bridging the Gap: The Need for More Public Electric Vehicle Charging Stations (PEVCS) in Jakarta, Indonesia. *Atlantis Highlights in Social Sciences, Education and Humanities*, 449–458. https://doi.org/10.2991/978-94-6463-646-8_27
- Liu, K., Liu, F., & Guo, C. (2025). Carbon Reduction Potential of Private Electric Vehicles: Synergistic Effects of Grid Carbon Intensity, Driving Intensity, and Vehicle Efficiency. *Processes*, 13(6), 1740–1740. <https://doi.org/10.3390/pr13061740>
- Ma, H., Lou, X., Gu, S., Siswanto, I., & Asmara, A. (2026). Examining consumer innovativeness and environmental concern in electric vehicle adoption: Evidence from the Yangtze River Delta region of China. *Transportation Research Interdisciplinary Perspectives*, 36, 101814. <https://doi.org/10.1016/j.trip.2025.101814>
- Marikyan, D., Papagiannidis, S., & Stewart, G. (2023). Technology Acceptance Research: Meta-analysis. *Journal of Information Science*. <https://doi.org/10.1177/01655515231191177>
- Pamidimukkala, A., Kermanshachi, S., Rosenberger, J. M., & Hladik, G. (2024). Adoption of electric vehicles: An empirical study of consumers' intentions. *Transport Economics and Management*, 2, 359–366. <https://doi.org/10.1016/j.team.2024.11.001>
- Pramono, J. S., Nuraini, Djamaluddin, J., Hijriyati, Y., & Yusriati. (2025). The Effect of Air Pollution on the Health of Urban Residents (Case Study in Jakarta). *Miracle Get Journal*, 2(2), 34–43. <https://doi.org/10.69855/mgj.v2i2.125>

- Rejali, S., Aghabayk, K., Esmaeli, S., & Shiwakoti, N. (2023). Comparison of technology acceptance model, theory of planned behavior, and unified theory of acceptance and use of technology to assess a priori acceptance of fully automated vehicles. *Transportation Research Part A: Policy and Practice*, 168, 103565. <https://doi.org/10.1016/j.tra.2022.103565>
- Rokeman, N. R. M. (2024). Likert measurement scale in education and social sciences: Explored and explained. *EDUCATUM Journal of Social Sciences*, 10(1), 77–88. <https://doi.org/10.37134/ejoss.vol10.1.7.2024>
- Roustaei, N. (2024). Application and interpretation of linear-regression analysis. *Medical Hypothesis Discovery & Innovation in Ophthalmology*, 13(3), 151–159. <https://pmc.ncbi.nlm.nih.gov/articles/PMC11537238/>
- Rozenkowska, K. (2023). Theory of Planned Behavior in Consumer Behavior research: a Systematic Literature Review. *International Journal of Consumer Studies*, 47(6), 2670–2700. <https://doi.org/10.1111/ijcs.12970>
- Sahoo, D., Harichandan, S., Kar, S. K., & S, S. (2022). An empirical study on consumer motives and attitude towards adoption of electric vehicles in India: Policy implications for stakeholders. *Energy Policy*, 165, 112941. <https://doi.org/10.1016/j.enpol.2022.112941>
- Saleh, H. N. (2025). Factors Affecting the Intention to Buy Electric Vehicles Through the Integration of Technology Acceptance Model and Prior Experience. *Journal of Applied Data Sciences*, 6(2), 1392–1412. <https://doi.org/10.47738/jads.v6i2.730>
- Solekah, Aslamatis, N., Ratnasari, K., Hirmawan, & Prasetyo, A. (2023). Prediction of green purchase intention for electric vehicles: a theory of planned behavior approach - Repository of Maulana Malik Ibrahim State Islamic University of Malang. *Uin-Malang.ac.id*. <http://repository.uin-malang.ac.id/17879/2/17879.pdf>
- Toha, M., & Supriyanto, S. (2023). Factors Influencing The Consumer Research Process: Market Target, Purchasing Behavior and Market Demand (Literature Review Of Consumer Behavior).

- Danadyaksa: Post Modern Economy Journal*, 1(1), 1–17.
<https://e-journal.bustanul-ulum.id/index.php/danadyaksa/article/view/5>
- Tunçel, N. (2021). Intention to purchase electric vehicles: Evidence from an emerging market. *Research in Transportation Business & Management*, 43, 100764.
<https://doi.org/10.1016/j.rtbm.2021.100764>
- United Nations. (2022). *Causes and Effects of Climate Change*. United Nations.
<https://www.un.org/en/climatechange/science/causes-effects-climate-change>
- Usman, M., & Balsalobre-Lorente, D. (2022). Environmental concern in the era of industrialization: Can financial development, renewable energy and natural resources alleviate some load? *Energy Policy*, 162, 112780. <https://doi.org/10.1016/j.enpol.2022.112780>
- Wang, L., Zhang, Q., & Wong, P. P. W. (2022). Purchase Intention for Green Cars Among Chinese Millennials: Merging the Value–Attitude–Behavior Theory and Theory of Planned Behavior. *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.786292>
- Wang, M. D., & Hau, K.-T. (2024). In Likert Scale, Is Ticking Options Consecutively at Two Ends Equally Problematic as Ticking in the Middle? *Journal of Official Statistics*.
<https://doi.org/10.1177/0282423x241273455>
- Wong, G.-Z., Wong, K.-H., Lau, T.-C., Lee, J.-H., & Kok, Y.-H. (2024). Study of intention to use renewable energy technology in Malaysia using TAM and TPB. *Renewable Energy*, 221, 119787.
<https://doi.org/10.1016/j.renene.2023.119787>
- Wu, J., Sayed Fayaz Ahmad, None Jaweria, Ali, Y. A., Muna Al-Razgan, Emad Mahrous Awwad, & Y.A, A. (2024). Investigating the Role of Green Behavior and Perceived Benefits in Shaping Green Car Buying Behavior with Environmental Awareness as a Moderator. *Heliyon*, 10(9), e30098–e30098. <https://doi.org/10.1016/j.heliyon.2024.e30098>
- Xiao, J., & Goulias, K. G. (2022). Perceived usefulness and intentions to adopt autonomous vehicles. *Transportation Research Part A: Policy and Practice*, 161, 170–185.
<https://doi.org/10.1016/j.tra.2022.05.007>

- Yildiz, B., Çiğdem, Ş., & Meidutė-Kavaliauskienė, I. (2024). Sustainable mobility and electric vehicle adoption: a study on the impact of perceived benefits and risks. *Transport*, 39(2), 129–145.
<https://doi.org/10.3846/transport.2024.22413>
- Zulfana, D. (2026). Analysis of Factors Influencing Electric Vehicle Adoption with Age, Gender, and Experience as Moderating Variables Across Metropolitan, Mountainous, and Small City Regions in Indonesia. *Journal of Social Research*, 5(2), 434–450.
<https://doi.org/10.55324/josr.v5i2.3002>
- Zulkarnain, D. Y. (2025, December 22). *15+ Millennials Social Media Statistics with Graphs In 2026*. AWISSEE.com - Link Building Agency.
<https://awisee.com/blog/millennials-social-media-statistics/>