

DAFTAR PUSTAKA

- Abbate, S., Centobelli, P., Cerchione, R., Giardino, G. and Passaro, R. (2023), “Coming out the egg: Assessing the benefits of circular economy strategies in agri-food industry”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 385, doi: 10.1016/j.jclepro.2022.135665.
- Abdulai, S.F., Nani, G., Taiwo, R., Antwi-Afari, P., Zayed, T. and Sojobi, A.O. (2024), “Modelling the relationship between circular economy barriers and drivers for sustainable construction industry”, *Building and Environment*, Elsevier Ltd, Vol. 254, doi: 10.1016/j.buildenv.2024.111388.
- Ackermann, L. (2018), “Design for Product Care: Enhancing Consumers’ Repair and Maintenance Activities”, *Design Journal*, Taylor and Francis Ltd., Vol. 21 No. 4, pp. 543–551, doi: 10.1080/14606925.2018.1469331.
- Adabre, M.A., Chan, A.P.C., Darko, A. and Hosseini, M.R. (2023), “Facilitating a transition to a circular economy in construction projects: intermediate theoretical models based on the theory of planned behaviour”, *Building Research and Information*, Routledge, Vol. 51 No. 1, pp. 85–104, doi: 10.1080/09613218.2022.2067111.
- Adisorn, T., Tholen, L. and Götz, T. (2021), “Towards a digital product passport fit for contributing to a circular economy”, *Energies*, MDPI AG, Vol. 14 No. 8, doi: 10.3390/en14082289.
- Aguiar, M.F. and Jugend, D. (2022), “Circular product design maturity matrix: A guideline to evaluate new product development in light of the circular economy transition”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 365, doi: 10.1016/j.jclepro.2022.132732.
- Aiken, L.R. (1985), “Three Coefficients for Analyzing The Reliability and Validity of Ratings”, *Educational and Psychological Measurement*, pp. 131–142.
- Ajzen, I. (2019), “Theory of Planned Behavior With Background Factors”, available at: <https://people.umass.edu/aizen/tpb.background.html> (accessed 21 August 2023).

- Ajzen, I. and Schmidt, P. (2020), “Changing Behavior Using the Theory of Planned Behavior”, *The Handbook of Behavior Change*, Vol. 1, Cambridge University Press, pp. 17–31, doi: 10.1017/97811086773180.002.
- Albæk, J.K., Shahbazi, S., McAloone, T.C. and Pigosso, D.C.A. (2020), “Circularity evaluation of alternative concepts during early product design and development”, *Sustainability (Switzerland)*, MDPI, Vol. 12 No. 22, pp. 1–25, doi: 10.3390/su12229353.
- Al-Nafjan, A. (2022), “Feature selection of EEG signals in neuromarketing”, *PeerJ Computer Science*, PeerJ Inc., Vol. 8, doi: 10.7717/peerj-cs.944.
- Alsharif, A.H., Salleh, N.Z.M., Alrawad, M. and Lutfi, A. (2024), “Exploring global trends and future directions in advertising research: A focus on consumer behavior”, *Current Psychology*, Springer, Vol. 43 No. 7, pp. 6193–6216, doi: 10.1007/s12144-023-04812-w.
- Alvino, L., van der Lubbe, R., Joosten, R.A.M. and Constantinides, E. (2020), “Which wine do you prefer? An analysis on consumer behaviour and brain activity during a wine tasting experience”, *Asia Pacific Journal of Marketing and Logistics*, Emerald Group Holdings Ltd., Vol. 32 No. 5, pp. 1149–1170, doi: 10.1108/APJML-04-2019-0240.
- Amelia, N. and Saragih, H.S. (2023), “Factors predicting pro-environmental behavior: the case of baby diapers”, *Journal of Social Marketing*, Emerald Publishing, Vol. 13 No. 2, pp. 241–257, doi: 10.1108/JSOCM-03-2022-0062.
- Amend, C., Revellio, F., Tenner, I. and Schaltegger, S. (2022), “The potential of modular product design on repair behavior and user experience – Evidence from the smartphone industry”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 367, doi: 10.1016/j.jclepro.2022.132770.
- Amir, T. (2017), *Merancang Kuesioner*, Kencana, Jakarta.
- Arıkan, E., Şimşit-Kalender, Z.T. and Vayvay, Ö. (2017), “Solid waste disposal methodology selection using multi-criteria decision making methods and an application in Turkey”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 142, pp. 403–412, doi: 10.1016/j.jclepro.2015.10.054.

- Arshad, M., Qadir, A., Ahmad, W. and Rafique, M. (2024), “Enhancing organizational sustainable innovation performance through organizational readiness for big data analytics”, *Humanities and Social Sciences Communications*, Springer Nature, 1 December, doi: 10.1057/s41599-024-03424-4.
- Asif, F.M.A., Roci, M., Lieder, M., Rashid, A., Mihelič, A. and Kotnik, S. (2021), “A methodological approach to design products for multiple lifecycles in the context of circular manufacturing systems”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 296, doi: 10.1016/j.jclepro.2021.126534.
- Aydin, G. (2014), “Modeling of energy consumption based on economic and demographic factors: The case of Turkey with projections”, *Renewable and Sustainable Energy Reviews*, Elsevier Ltd, doi: 10.1016/j.rser.2014.04.004.
- Bakış, S. and Kitapçı, H. (2023), “Why do consumers purchase green clothing? Investigating symbolic meanings beyond social status and the role of consumer mindset”, *Journal of Fashion Marketing and Management*, Emerald Publishing, Vol. 27 No. 4, pp. 710–738, doi: 10.1108/JFMM-02-2022-0032.
- Bal, A. and Badurdeen, F. (2022), “A simulation-based optimization approach for network design: The circular economy perspective”, *Sustainable Production and Consumption*, Elsevier B.V., Vol. 30, pp. 761–775, doi: 10.1016/j.spc.2021.12.033.
- Battesini Teixeira, T.G., de Medeiros, J.F., Kolling, C., Duarte Ribeiro, J.L. and Morea, D. (2023), “Redesign in the textile industry: Proposal of a methodology for the insertion of circular thinking in product development processes”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 397, doi: 10.1016/j.jclepro.2023.136588.
- Bazeley, P. and Jackson, K. (2013), *Qualitative Data Analysis With NVivo*, 2nd ed., SAGE Publications Ltd, London.
- Bazzani, A., Ravaioli, S., Trieste, L., Faraguna, U. and Turchetti, G. (2020), “Is EEG Suitable for Marketing Research? A Systematic Review”, *Frontiers in Neuroscience*, Frontiers Media S.A., 21 December, doi: 10.3389/fnins.2020.594566.

- Bhale, U.A. and Bedi, H.S. (2023), *SEM Model Fit Indices Meaning and Acceptance of Model Fit Literature Support*, Kindly.
- Bhamra, T. and Hernandez, R.J. (2021), “Thirty years of design for sustainability: an evolution of research, policy and practice”, *Design Science*, Cambridge University Press, Vol. 7, doi: 10.1017/dsj.2021.2.
- Bocken, N.M.P., de Pauw, I., Bakker, C. and van der Grinten, B. (2016), “Product design and business model strategies for a circular economy”, *Journal of Industrial and Production Engineering*, Taylor and Francis Ltd., Vol. 33 No. 5, pp. 308–320, doi: 10.1080/21681015.2016.1172124.
- Bocken, N.M.P. and Short, S.W. (2016), “Towards a sufficiency-driven business model: Experiences and opportunities”, *Environmental Innovation and Societal Transitions*, Elsevier B.V., Vol. 18, pp. 41–61, doi: 10.1016/j.eist.2015.07.010.
- Boorsma, N., Polat, E., Bakker, C., Peck, D. and Balkenende, R. (2022), “Development of the Circular Product Readiness Method in Circular Design”, *Sustainability (Switzerland)*, MDPI, Vol. 14 No. 15, doi: 10.3390/su14159288.
- Bosnjak, M., Ajzen, I. and Schmidt, P. (2020), “The theory of planned behavior: Selected recent advances and applications”, *Europe’s Journal of Psychology*, PsychOpen, 1 August, doi: 10.5964/ejop.v16i3.3107.
- Bovea, M.D., Quemades-Beltrán, P., Pérez-Belis, V., Juan, P., Braulio-Gonzalo, M. and Ibáñez-Forés, V. (2018), “Options for labelling circular products: Icon design and consumer preferences”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 202, pp. 1253–1263, doi: 10.1016/j.jclepro.2018.08.180.
- Box, G.E.P., Hunter, J.S. and Hunter, W.G. (2005), *Statistics for Experimenters*, Second., John Wiley & Sons Inc., New Jersey.
- Boyer, R.H.W., Hunka, A.D. and Whalen, K.A. (2021), “Consumer demand for circular products: Identifying customer segments in the circular economy”, *Sustainability (Switzerland)*, MDPI, Vol. 13 No. 22, doi: 10.3390/su132212348.

- BPS. (2025), “Jumlah Penduduk Menurut Kelompok Umur dan Jenis Kelamin”,
<https://www.bps.go.id/id/statistics-table/3/WVc0MGEyMXBkVFUxY25KeE9HdDZkbTQzWkVkb1p6MDkjMw==/Jumlah-Penduduk-Menurut-Kelompok-Umur-Dan-Jenis-Kelamin.Html?Year=2025>, 9 May.
- Brouwer, A.M. (2021), “Challenges and Opportunities in Consumer Neuroergonomics”, *Frontiers in Neuroergonomics*, Frontiers Media SA, Vol. 2, doi: 10.3389/fnrgo.2021.606646.
- Brown, P., Baldassarre, B., Konietzko, J., Bocken, N. and Balkenende, R. (2021), “A tool for collaborative circular proposition design”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 297, doi: 10.1016/j.jclepro.2021.126354.
- Budijati, S.M., Subagyo, Wibisono, M.A. and Masruroh, N.A. (2016), “Influence of government and economic drivers on consumers’ intentions to participate in a take back program”, *International Journal of Logistics Systems and Management*, Inderscience Publishers, Vol. 23 No. 3, pp. 343–362, doi: 10.1504/IJLSM.2016.074716.
- Byrne, A., Bonfiglio, E., Rigby, C. and Edelstyn, N. (2022), “A systematic review of the prediction of consumer preference using EEG measures and machine-learning in neuromarketing research”, *Brain Informatics*, Springer Science and Business Media Deutschland GmbH, 1 December, doi: 10.1186/s40708-022-00175-3.
- Byrne, B.M.. (2016), *Structural Equation Modeling with AMOS : Basic Concepts, Applications, and Programming*, Routledge/Taylor & Francis Group.
- Camilleri, M.A., Cricelli, L., Mauriello, R. and Strazzullo, S. (2023), “Consumer Perceptions of Sustainable Products: A Systematic Literature Review”, *Sustainability (Switzerland)*, MDPI, 1 June, doi: 10.3390/su15118923.
- Campbell-Johnston, K., Calisto Friant, M., Thapa, K., Lakerveld, D. and Vermeulen, W.J.V. (2020), “How circular is your tyre: Experiences with extended producer responsibility from a circular economy perspective”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 270, doi: 10.1016/j.jclepro.2020.122042.

- Cannard, C., Wahbeh, H. and Delorme, A. (2021), “Electroencephalography Correlates of Well-Being Using a Low-Cost Wearable System”, *Frontiers in Human Neuroscience*, Frontiers Media S.A., Vol. 15, doi: 10.3389/fnhum.2021.745135.
- Cappelletti, F., Rossi, M. and Germani, M. (2022), “How de-manufacturing supports circular economy linking design and EoL - a literature review”, *Journal of Manufacturing Systems*, Elsevier B.V., Vol. 63, pp. 118–133, doi: 10.1016/j.jmsy.2022.03.007.
- Cardoso, L., Chen, M.-M., Araújo, A., Feijó De Almeida, G.G., Dias, F. and Moutinho, L. (2022), “Accessing Neuromarketing Scientific Performance: Research Gaps and Emerging Topics”, doi: 10.3390/bs.
- Cassidy, R., Singh, N.S., Schiratti, P.R., Semwanga, A., Binyaruka, P., Sachingongu, N., Chama-Chiliba, C.M., *et al.* (2019), “Mathematical modelling for health systems research: A systematic review of system dynamics and agent-based models”, *BMC Health Services Research*, BioMed Central Ltd., 19 November, doi: 10.1186/s12913-019-4627-7.
- Castro-López, A., Iglesias, V. and Puente, J. (2021), “Slow fashion trends: Are consumers willing to change their shopping behavior to become more sustainable?”, *Sustainability (Switzerland)*, MDPI, Vol. 13 No. 24, doi: 10.3390/su132413858.
- Cattaneo, C., Lavelli, V., Proserpio, C., Laureati, M. and Pagliarini, E. (2019), “Consumers’ attitude towards food by-products: the influence of food technology neophobia, education and information”, *International Journal of Food Science and Technology*, Blackwell Publishing Ltd, Vol. 54 No. 3, pp. 679–687, doi: 10.1111/ijfs.13978.
- Ceschin, F. and Gaziulusoy, I. (2016), “Evolution of design for sustainability: From product design to design for system innovations and transitions”, *Design Studies*, Elsevier Ltd, Vol. 47, pp. 118–163, doi: 10.1016/j.destud.2016.09.002.

- Chahal, K. and Eldabi, T. (2010), *A Multi-Perspective Comparison for Selection between System Dynamics and Discrete Event Simulation A Multi-Perspective Comparison for Selection 5*, *Int. J. Business Information Systems*, Vol. 6.
- Chen, C.C., Sujanto, R.Y., Tseng, M.L., Fujii, M. and Lim, M.K. (2021), “Sustainable consumption transition model: Social concerns and waste minimization under willingness-to-pay in Indonesian food industry”, *Resources, Conservation and Recycling*, Elsevier B.V., Vol. 170, doi: 10.1016/j.resconrec.2021.105590.
- Chen, W.C. and Rau, H. (2023), “A product evaluation and innovation process based on the circular design degree and patents evolution”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 405, doi: 10.1016/j.jclepro.2023.136888.
- Chiang, M.C., Yen, C. and Chen, H.L. (2022), “Does Age Matter? Using Neuroscience Approaches to Understand Consumers’ Behavior towards Purchasing the Sustainable Product Online”, *Sustainability (Switzerland)*, MDPI, Vol. 14 No. 18, doi: 10.3390/su141811352.
- Chowdhury, R.B. and Wijayasundara, M. (2021), “Phosphorus circular economy of disposable baby nappy waste: Quantification, assessment of recycling technologies and plan for sustainability”, *Science of the Total Environment*, Elsevier B.V., Vol. 799, doi: 10.1016/j.scitotenv.2021.149339.
- Coloma-Jiménez, M., Akizu-Gardoki, O. and Lizundia, E. (2022), “Beyond ecodesign, internationalized markets enhance the global warming potential in the wood furniture sector”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 379, doi: 10.1016/j.jclepro.2022.134795.
- Cong, L., Zhao, F. and Sutherland, J.W. (2019), “A Design Method to Improve End-of-Use Product Value Recovery for Circular Economy”, *Journal of Mechanical Design, Transactions of the ASME*, American Society of Mechanical Engineers (ASME), Vol. 141 No. 4, doi: 10.1115/1.4041574.
- Cordeiro, M. de M., Oliveira, M. and Sanchez-Segura, M.I. (2022), “The influence of the knowledge management processes on results in basic education schools”, *Journal of Knowledge Management*, Emerald Publishing, Vol. 26 No. 10, pp. 2699–2717, doi: 10.1108/JKM-07-2021-0579.

- Cordella, M., Alfieri, F., Clemm, C. and Berwald, A. (2021), “Durability of smartphones: A technical analysis of reliability and repairability aspects”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 286, doi: 10.1016/j.jclepro.2020.125388.
- Cotropia, C.A., Cotropia, C. and Rozema, K. (2018), “UR Scholarship Repository Who Benefits from Repealing Tampon Taxes? Empirical Evidence from New Jersey”, *Journal of Empirical Legal Studies*, Vol. 15, pp. 620–647.
- Czarnecka, E., Walczak, M., Kumar, G., Piechota, G. and Nowaczyk, J. (2022), “Degradation of biodegradable diapers as an element circular economy in waste containing various plastics”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 377, doi: 10.1016/j.jclepro.2022.134426.
- Dahmani, N., Benhida, K., Belhadi, A., Kamble, S., Elfezazi, S. and Jauhar, S.K. (2021), “Smart circular product design strategies towards eco-effective production systems: A lean eco-design industry 4.0 framework”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 320, doi: 10.1016/j.jclepro.2021.128847.
- Damanhuri, E. and Padmi, T. (2019), *Pengelolaan Sampah Terpadu*, ITB Press.
- Danner, U.N., Aarts, H. and De Vries, N.K. (2008), “Habit vs. intention in the prediction of future behaviour: The role of frequency, context stability and mental accessibility of past behaviour”, *British Journal of Social Psychology*, Vol. 47 No. 2, pp. 245–265, doi: 10.1348/014466607X230876.
- Databoks. (2019), “Proyeksi Jumlah Kelahiran dan Kemarian 2015-2045”, <https://Databoks.Katadata.Co.Id/Demografi/Statistik/1f33c7c5c4f5e4c/2015-2045-Angka-Kematian-Terus-Naik-Angka-Kelahiran-Relatif-Stabil>, 18 July.
- Databoks. (2022), “Penjualan Popok Bayi di RI Tembus Triliunan Rupiah per Tahun”, <https://Databoks.Katadata.Co.Id/Energi/Statistik/Fec16d4b7000e99/Penjualan-Popok-Bayi-Di-Ri-Tembus-Triliunan-Rupiah-per-Tahun>, 22 December.
- Deo, K. and Prasad, A. (2024), “Factors influencing green energy consumer behaviour in Australia”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 460, doi: 10.1016/j.jclepro.2024.142609.

- Desai, A. and Mital, A. (2020), *Sustainable Product Design and Development*, *Sustainable Product Design and Development*, CRC Press, doi: 10.4324/9780429327803.
- Diaz, A., Schöggl, J.P., Reyes, T. and Baumgartner, R.J. (2021), “Sustainable product development in a circular economy: Implications for products, actors, decision-making support and lifecycle information management”, *Sustainable Production and Consumption*, Elsevier B.V., Vol. 26, pp. 1031–1045, doi: 10.1016/j.spc.2020.12.044.
- Dlamini, S. and Mahowa, V. (2024), “Investigating factors that influence the purchase behaviour of green cosmetic products”, *Cleaner and Responsible Consumption*, Elsevier Ltd, Vol. 13, doi: 10.1016/j.clrc.2024.100190.
- Dokter, G., Thuvander, L. and Rahe, U. (2021), “How circular is current design practice? Investigating perspectives across industrial design and architecture in the transition towards a circular economy”, *Sustainable Production and Consumption*, Elsevier B.V., Vol. 26, pp. 692–708, doi: 10.1016/j.spc.2020.12.032.
- D’Urzo, M. and Campagnaro, C. (2023), “Design-led repair & reuse: An approach for an equitable, bottom-up, innovation-driven circular economy”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 387, doi: 10.1016/j.jclepro.2022.135724.
- DYCLE. (2021), “The Diaper Cycle”, Berlin, available at: <https://dycle.org/en> (accessed 26 April 2024).
- Faradisa, Z.H. and Subagyo. (2025), *Evaluasi Strategi Pengolahan Sampah Popok Bayi Sekali Pakai Studi Kasus Provinsi Yogyakarta*, Universitas Gadjah Mada, Yogyakarta, 14 February.
- Ford, P. and Fisher, J. (2019), “Designing consumer electronic products for the circular economy using recycled Acrylonitrile Butadiene Styrene (ABS): A case study”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 236, doi: 10.1016/j.jclepro.2019.06.321.
- Formentini, G. and Ramanujan, D. (2023), “Design for circular disassembly: Evaluating the impacts of product end-of-life status on circularity through the

- parent-action-child model”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 405, doi: 10.1016/j.jclepro.2023.137009.
- Franco, M.A. (2019), “A system dynamics approach to product design and business model strategies for the circular economy”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 241, doi: 10.1016/j.jclepro.2019.118327.
- Fuchs, M. and Hovemann, G. (2022), “Consumer preferences for circular outdoor sporting goods: An Adaptive Choice-Based Conjoint analysis among residents of European outdoor markets”, *Cleaner Engineering and Technology*, Elsevier Ltd, Vol. 11, doi: 10.1016/j.clet.2022.100556.
- Gagnon, B., Tanguay, X., Amor, B. and Imbrogno, A.F. (2022), “Forest Products and Circular Economy Strategies: A Canadian Perspective”, *Energies*, MDPI, Vol. 15 No. 3, doi: 10.3390/en15030673.
- Gall, M., Steinbichler, G. and Lang, R.W. (2021), “Learnings about design from recycling by using post-consumer polypropylene as a core layer in a co-injection molded sandwich structure product”, *Materials and Design*, Elsevier Ltd, Vol. 202, doi: 10.1016/j.matdes.2021.109576.
- Gan, Q. and Chen, S. (2020), “Assessing consumers’ motivations for purchasing remanufactured products: Using single valued neutrosophic sets and prospect theory”, *Kybernetes*, Emerald Group Holdings Ltd., Vol. 49 No. 9, pp. 2221–2240, doi: 10.1108/K-03-2019-0206.
- Gandhi, A.V. (2020), “Studying green consumer behavior through multiple lenses in a developing country”, *Smart and Sustainable Built Environment*, Emerald Publishing, Vol. 10 No. 2, pp. 274–292, doi: 10.1108/SASBE-01-2019-0011.
- Gee Gallery. (2024), “Menghitung Kebutuhan Clodi”, <https://Geegallery.Com/Faq/>, 12 March.
- Gelman, A. and Hill, J. (2008), *Data Analysis Using Regression and Multilevel/Hierarchical Models*, Vol. 6, Cambridge University Press, New York.
- Ghozali, I. (2017), *Model Persamaan Struktural Konsep Dan Aplikasi Dengan Program AMOS 24*, 7th ed., Vol. 7, Universitas Diponegoro, Semarang.

- Glöser-Chahoud, S., Pfaff, M., Walz, R. and Schultmann, F. (2019), “Simulating the service lifetimes and storage phases of consumer electronics in Europe with a cascade stock and flow model”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 213, pp. 1313–1321, doi: 10.1016/j.jclepro.2018.12.244.
- Gnanapragasam, A., Cole, C., Singh, J. and Cooper, T. (2018), “Consumer Perspectives on longevity and Reliability: A National Study of Purchasing Factors Across Eighteen Product Categories”, *Procedia CIRP*, Vol. 69, Elsevier B.V., pp. 910–915, doi: 10.1016/j.procir.2017.11.151.
- Go, T.F., Wahab, D.A. and Hishamuddin, H. (2015), “Multiple generation life-cycles for product sustainability: The way forward”, *Journal of Cleaner Production*, Elsevier Ltd, 15 May, doi: 10.1016/j.jclepro.2015.02.065.
- Golnar-Nik, P., Farashi, S. and Safari, M.S. (2019), “The application of EEG power for the prediction and interpretation of consumer decision-making: A neuromarketing study”, *Physiology and Behavior*, Elsevier Inc., Vol. 207, pp. 90–98, doi: 10.1016/j.physbeh.2019.04.025.
- Golwala, H., Zhang, X., Iskander, S.M. and Smith, A.L. (2021), “Solid waste: An overlooked source of microplastics to the environment”, *Science of the Total Environment*, Elsevier B.V., 15 May, doi: 10.1016/j.scitotenv.2020.144581.
- Gönül-Sezer, E.D. and Ocak, Z. (2016), “Comparison of system dynamics and discrete event simulation approaches”, *Advances in Intelligent Systems and Computing*, Vol. 442, Springer Verlag, pp. 69–81, doi: 10.1007/978-3-319-31295-8_5.
- Goodstats. (2023), “Suku Dengan Populasi Terbanyak di Indonesia”, available at: <https://goodstats.id/article/10-suku-dengan-populasi-terbanyak-di-indonesia-siapa-saja-CrSl0> (accessed 8 August 2024).
- Gordon, B.R., Goldfarb, A. and Li, Y. (2013), “Does Price Elasticity Vary with Economic Growth? A Cross-Category Analysis”, *Journal of Marketing Research*, Vol. 50 No. 1, pp. 4–23, doi: <https://doi.org/10.1509/jmr.11.0162>.
- Goyal, S., Chauhan, S. and Mishra, P. (2021), “Circular economy research: A bibliometric analysis (2000–2019) and future research insights”, *Journal of*

Cleaner Production, Elsevier Ltd, Vol. 287, doi:
10.1016/j.jclepro.2020.125011.

Di Gruttola, F., Malizia, A.P., D’Arcangelo, S., Lattanzi, N., Ricciardi, E. and Orfei, M.D. (2021), “The Relation Between Consumers’ Frontal Alpha Asymmetry, Attitude, and Investment Decision”, *Frontiers in Neuroscience*, Vol. 14, doi: 10.3389/fnins.2020.577978.

Guo, X., Zhao, W., Hu, H., Li, L., Liu, Y., Wang, J. and Zhang, K. (2021), “A smart knowledge deployment method for the conceptual design of low-carbon products”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 321, doi: 10.1016/j.jclepro.2021.128994.

Haines-Gadd, M., Charnley, F. and Encinas-Oropesa, A. (2021), “Self-healing materials: A pathway to immortal products or a risk to circular economy systems?”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 315, doi: 10.1016/j.jclepro.2021.128193.

Hair, J.F., Black, W.C., Babin, B.J. and Anderson, R.E. (2009), *Multivariate Data Analysis*, 7th ed., Prentice Hall, USA.

Al Handawi, K., Andersson, P., Panarotto, M., Isaksson, O. and Kokkolaras, M. (2021), “Scalable Set-Based Design Optimization and Remanufacturing for Meeting Changing Requirements”, *Journal of Mechanical Design, Transactions of the ASME*, American Society of Mechanical Engineers (ASME), Vol. 143 No. 2, doi: 10.1115/1.4047908.

Hanif, M.W., Hafeez, S. and Afridi, M.A. (2023), “Does wastophobia bring sustainability in consumers’ responsible behavior? A case of electricity waste management”, *International Journal of Energy Sector Management*, Emerald Publishing, Vol. 17 No. 2, pp. 265–287, doi: 10.1108/IJESM-07-2021-0013.

Hapuwatte, B.M., Seevers, K.D. and Jawahir, I.S. (2022), “Metrics-based dynamic product sustainability performance evaluation for advancing the circular economy”, *Journal of Manufacturing Systems*, Elsevier B.V., Vol. 64, pp. 275–287, doi: 10.1016/j.jmsy.2022.06.013.

Harman, H.H. (1960), *Modern Factor Analysis*, The University of Chicago Press, Chicago.

- Haziri, L.L., Sundin, E. and Sakao, T. (2019), “Feedback from remanufacturing: Its unexploited potential to improve future product design”, *Sustainability (Switzerland)*, MDPI, Vol. 11 No. 15, doi: 10.3390/su11154037.
- Hooper, D., Coughlan, J. and Mullen, M.R. (2008), “Structural Equation Modelling: Guidelines for Determining Model Fit”, *Electronic Journal of Business Research Methods*, Vol. 6, pp. 53–60.
- Hsu, M. (2017), “Neuromarketing: Inside the Mind of the Consumer”, *California Management Review*, SAGE Publications Ltd, Vol. 59 No. 4, pp. 5–22, doi: 10.1177/0008125617720208.
- Hunka, A.D., Linder, M. and Habibi, S. (2021), “Determinants of consumer demand for circular economy products. A case for reuse and remanufacturing for sustainable development”, *Business Strategy and the Environment*, John Wiley and Sons Ltd, Vol. 30 No. 1, pp. 535–550, doi: 10.1002/bse.2636.
- Ihsan Khairi, M. and Susanti, D. (2021), “Study on Structural Equation Modeling for Analyzing Data”, *International Journal of Ethno-Sciences and Education Research*, Vol. 1 No. 3.
- Indrawati, S. and Subagyo. (2023), “Circular Product Design: Prinsip dan Capaian Terkini”, *Seminar Nasional Teknik Industri*, Mechanical and Industrial Engineering, Gadjah Mada University, Yogyakarta, pp. 226–233.
- Indrawati, S., Subagyo and Darmawan, A. (2024), “Navigating Circular Diapers Purchasing in a Developing Country: The Critical Roles of Behavioural Control and Intention”, *Cleaner and Responsible Consumption*, p. 100243, doi: 10.1016/j.clrc.2024.100243.
- Indriati, L., Wattimena, R.B.I., Febriyanti, S.R., Rostika, I., Syamsudin, Aini, M.N. and Setiawan, Y. (2023), “The evaluation of the used diapers recycling process in Bank Sampah Bersinar”, *IOP Conference Series: Earth and Environmental Science*, Vol. 1201, Institute of Physics, doi: 10.1088/1755-1315/1201/1/012015.
- Ismail, L.E. and Karwowski, W. (2020), “Applications of EEG indices for the quantification of human cognitive performance: A systematic review and

- bibliometric analysis”, *PLoS ONE*, Public Library of Science, Vol. 15 No. 12 December, doi: 10.1371/journal.pone.0242857.
- Jabareen, Y. (2009), *Building a Conceptual Framework: Philosophy, Definitions, and Procedure*, *International Journal of Qualitative Methods*, Vol. 8.
- Jaeger-Erben, M., Frick, V. and Hipp, T. (2021), “Why do users (not) repair their devices? A study of the predictors of repair practices”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 286, doi: 10.1016/j.jclepro.2020.125382.
- El Jalbout, S. and Keivanpour, S. (2024), “Development of a body of knowledge for design for disassembly and recycling of high-tech products: a case study on lithium-ion batteries”, *Journal of Industrial and Production Engineering*, Taylor and Francis Ltd., Vol. 41 No. 1, pp. 19–39, doi: 10.1080/21681015.2023.2262467.
- Jan, M.T. (2022), “Factors Influencing The Purchase Of Circular Economy Products: A Comparative Analysis Of Malaysia And Turkey”, *International Journal of Business and Society*, Universiti Malaysia Sarawak, Vol. 23 No. 2, pp. 802–819, doi: 10.33736/IJBS.4839.2022.
- Jensen, J.P., Prendeville, S.M., Bocken, N.M.P. and Peck, D. (2019), “Creating sustainable value through remanufacturing: Three industry cases”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 218, pp. 304–314, doi: 10.1016/j.jclepro.2019.01.301.
- Ji, M.F. and Wood, W. (2007), “Purchase and consumption habits: Not necessarily what you intend”, *Journal of Consumer Psychology*, Elsevier Inc., Vol. 17 No. 4, pp. 261–276, doi: 10.1016/S1057-7408(07)70037-2.
- Jiang, P., Dieckmann, E., Han, J. and Childs, P.R.N. (2021), “A bibliometric review of sustainable product design”, *Energies*, MDPI, Vol. 14 No. 21, doi: 10.3390/en14216867.
- Kalurahan Sitimulyo. (2025), “Data Wilayah Sitimulyo”, <https://Sitimulyo.Id/Data-Wilayah>, 15 May.
- KAO. (2023), “Sustainability as the only path”, <https://www.Kao.Com/Global/En/Corporate/Outline/Group-Companies/>, 26 May.

- Karagiannopoulos, P.S., Manousakis, N.M. and Psomopoulos, C.S. (2022), “A novel ilp formulation for pcb maintenance considering electrical measurements and aging factors: A ‘right to repair’ approach”, *Energies*, MDPI, Vol. 15 No. 1, doi: 10.3390/en15010183.
- Kawai, K., Oshita, K. and Kusube, T. (2023), “Model for projecting the generation of used disposable diapers in the era of depopulation and aging in Japan”, *Waste Management and Research*, SAGE Publications Ltd, Vol. 41 No. 6, pp. 1089–1101, doi: 10.1177/0734242X221140031.
- Kaza, S., Yao, L., Bhada-Tata, P. and Van Woerden, F. (2018), *What a Waste 2.0: A Global Snapshot of Solid Waste Management to 2050*, Washington.
- Kementerian Lingkungan Hidup dan Kehutanan. (2023), *Capaian Kinerja Pengelolaan Sampah*, Jakarta.
- Kementrian PPN/ Bapenas. (2021), *The Economic, Social, And Environmental Benefits Of A Circular Economy In Indonesia*, Jakarta.
- Kenny, G. (2005), *Strategic Planning and Performance Management: Develop and Measure a Winning Strategy*, Elsevier Butterworth-Heinemann, Oxford.
- Kerdlap, P., Gheewala, S.H. and Ramakrishna, S. (2021), “To Rent or Not to Rent: A Question of Circular Prams from a Life Cycle Perspective”, *Sustainable Production and Consumption*, Elsevier B.V., Vol. 26, pp. 331–342, doi: 10.1016/j.spc.2020.10.008.
- Kerwin, K., Andrews, D., Whitehead, B., Adibi, N. and Lavandeira, S. (2022), “The significance of product design in the circular economy: A sustainable approach to the design of data centre equipment as demonstrated via the CEDaCI design case study”, *Materials Today: Proceedings*, Elsevier Ltd, Vol. 64, pp. 1283–1289, doi: 10.1016/j.matpr.2022.04.105.
- Khan, O., Bellini, N., Daddi, T. and Iraldo, F. (2023), “Effects of behavioral intention and dynamic capabilities on circular economy adoption and performance of tourism SMEs”, *Journal of Sustainable Tourism*, Routledge, Vol. 31 No. 8, pp. 1777–1796, doi: 10.1080/09669582.2022.2066683.
- Khurana, V., Gahalawat, M., Kumar, P., Roy, P.P., Dogra, D.P., Scheme, E. and Soleymani, M. (2021), “A Survey on Neuromarketing Using EEG Signals”,

- IEEE Transactions on Cognitive and Developmental Systems*, Institute of Electrical and Electronics Engineers Inc., Vol. 13 No. 4, pp. 732–749, doi: 10.1109/TCDS.2021.3065200.
- Kimberly-Clark. (2025), “Sustainability Report”, https://www.kcprofessional.com/en-us/-/media/global/content-hub/documents/204547760_pdf.pdf, 1 June.
- Kimberly-Clark Softex. (2021), “Kimberly-Clark Softex to Increase Its Collection of Used Diapers Through a Partnership With Octopus as It Expands Its Recycling Efforts in Indonesia”, <https://www.softexindonesia.com/news/kimberly-clark-softex-to-increase-its-collection-of-used-diapers-through-a-partnership-with-octopus-as-it-expands-its-recycling-efforts-in-indonesia>, 21 April.
- Kline, R.B. (2023), *Principles and Practice of Structural Equation Modeling*, 5th ed., Vol. 5, The Guilford Press, New York.
- Ko, J., Guedes, G.B., Badurdeen, F., Jawahir, I.S., Morris, K.C., Ferrero, V., Hapuwatte, B., *et al.* (2024), “A critical analysis of circular product attributes and limitations of product circularity assessment methods”, *Resources, Conservation and Recycling Advances*, Elsevier Inc., Vol. 23, doi: 10.1016/j.rcradv.2024.200219.
- Koch, J., Vringer, K., van der Werff, E., Wilting, H. and Steg, L. (2024), “Circular consumption to reduce environmental pressure: Potential of behavioural change in the Netherlands”, *Sustainable Production and Consumption*, Elsevier B.V., Vol. 44, pp. 101–113, doi: 10.1016/j.spc.2023.12.009.
- Kontan. (2018), “KAO Indonesia kuasai 45% pasar pembalut di Indonesia”, https://industri.kontan.co.id/news/kao-indonesia-kuasai-45-pasar-pembalut-di-indonesia#google_vignette, 2 December.
- Koslov, S.R., Kable, J.W. and Foster, B.L. (2024), “Dissociable Contributions of the Medial Parietal Cortex to Recognition Memory”, *The Journal of Neuroscience*, Vol. 44 No. 18, p. e2220232024, doi: 10.1523/JNEUROSCI.2220-23.2024.

- Kristensen, H.S. and Remmen, A. (2019), “A framework for sustainable value propositions in product-service systems”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 223, pp. 25–35, doi: 10.1016/j.jclepro.2019.03.074.
- Lee, Y.K. (2017), “A comparative study of green purchase intention between korean and chinese consumers: The moderating role of collectivism”, *Sustainability (Switzerland)*, MDPI, Vol. 9 No. 10, pp. 1–17, doi: 10.3390/su9101930.
- Lehner, M., Mont, O., Mariani, G. and Mundaca, L. (2020), “Circular economy in home textiles: Motivations of IKEA consumers in Sweden”, *Sustainability (Switzerland)*, MDPI, Vol. 12 No. 12, doi: 10.3390/su12125030.
- Leuthold, R.M. (1975), *On the Use of Theil's Inequality Coefficients*, Source: *American Journal of Agricultural Economics*, Vol. 57.
- Li, Q., Guan, X., Shi, T. and Jiao, W. (2020), “Green product design with competition and fairness concerns in the circular economy era”, *International Journal of Production Research*, Taylor and Francis Ltd., Vol. 58 No. 1, pp. 165–179, doi: 10.1080/00207543.2019.1657249.
- Liang, C.C. and Lin, Y.W. (2023), “Online promotion effects under time limitation - A study of survey and physiological signals”, *Decision Support Systems*, Elsevier B.V., Vol. 170, doi: 10.1016/j.dss.2023.113963.
- Lin, K.Y. (2018), “User experience-based product design for smart production to empower industry 4.0 in the glass recycling circular economy”, *Computers and Industrial Engineering*, Elsevier Ltd, Vol. 125, pp. 729–738, doi: 10.1016/j.cie.2018.06.023.
- Lindkvist Haziri, L. and Sundin, E. (2020), “Supporting design for remanufacturing - A framework for implementing information feedback from remanufacturing to product design”, *Journal of Remanufacturing*, Springer, Vol. 10 No. 1, pp. 57–76, doi: 10.1007/s13243-019-00074-7.
- Liu, Y., Farooque, M., Lee, C.H., Gong, Y. and Zhang, A. (2023), “Antecedents of circular manufacturing and its effect on environmental and financial performance: A practice-based view”, *International Journal of Production Economics*, Elsevier B.V., Vol. 260, doi: 10.1016/j.ijpe.2023.108866.

- Liu, Y., Li, S., Zheng, Z., Zheng, X., Ajmal, M., Zhao, M. and Lu, W. (2023), “Microbial diversity and potential health risks of household municipal solid waste in China: A case study in winter during outbreak of COVID-19”, *Science of the Total Environment*, Elsevier B.V., Vol. 904, doi: 10.1016/j.scitotenv.2023.166672.
- van Loon, P., Diener, D. and Harris, S. (2021), “Circular products and business models and environmental impact reductions: Current knowledge and knowledge gaps”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 288, doi: 10.1016/j.jclepro.2020.125627.
- Lopes, J.M., Gomes, S. and Trancoso, T. (2023), “The Dark Side of Green Marketing: How Greenwashing Affects Circular Consumption?”, *Sustainability (Switzerland)*, Multidisciplinary Digital Publishing Institute (MDPI), Vol. 15 No. 15, doi: 10.3390/su151511649.
- Luthra, S., Kumar, A., Sharma, M., Arturo Garza-Reyes, J. and Kumar, V. (2022), “An analysis of operational behavioural factors and circular economy practices in SMEs: An emerging economy perspective”, *Journal of Business Research*, Elsevier Inc., Vol. 141, pp. 321–336, doi: 10.1016/j.jbusres.2021.12.014.
- Mamani-Benito, O., Zurita, J.M.L., Vásquez, O.L.G., Guerrero, F.S.C., Morales-García, W.C. and Chaparro, J.T. (2023), “Adaptation and validation of the research task distractor scale in Peruvian university students”, *Frontiers in Education*, Frontiers Media SA, Vol. 8, doi: 10.3389/educ.2023.1171938.
- Mangers, J., Amne Elahi, M. and Plapper, P. (2023), “Digital twin of end-of-life process-chains for a circular economy adapted product design – A case study on PET bottles”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 382, doi: 10.1016/j.jclepro.2022.135287.
- Mangla, S.K., Kazancoglu, Y., Sezer, M.D., Top, N. and Sahin, I. (2023), “Optimizing fused deposition modelling parameters based on the design for additive manufacturing to enhance product sustainability”, *Computers in Industry*, Elsevier B.V., Vol. 145, doi: 10.1016/j.compind.2022.103833.
- Martinez-Marquez, D., Florin, N., Hall, W., Majewski, P., Wang, H. and Stewart, R.A. (2022), “State-of-the-art review of product stewardship strategies for

- large composite wind turbine blades”, *Resources, Conservation and Recycling Advances*, Elsevier Inc., Vol. 15, doi: 10.1016/j.rcradv.2022.200109.
- Massey, S. (2022), “Using Emojis and drawings in surveys to measure children’s attitudes to mathematics”, *International Journal of Social Research Methodology*, Routledge, Vol. 25 No. 6, pp. 877–889, doi: 10.1080/13645579.2021.1940774.
- McInnes, A.N., Sung, B. and Hooshmand, R. (2023), “A practical review of electroencephalography’s value to consumer research”, *International Journal of Market Research*, SAGE Publications Ltd, Vol. 65 No. 1, pp. 52–82, doi: 10.1177/14707853221112622.
- Mendoza, J.M.F., D’Aponte, F., Gualtieri, D. and Azapagic, A. (2019), “Disposable baby diapers: Life cycle costs, eco-efficiency and circular economy”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 211, pp. 455–467, doi: 10.1016/j.jclepro.2018.11.146.
- Mesa, J., Esparragoza, I. and Maury, H. (2018), “Developing a set of sustainability indicators for product families based on the circular economy model”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 196, pp. 1429–1442, doi: 10.1016/j.jclepro.2018.06.131.
- Mesa, J., Pierce, J., Zuñiga, J., Esparragoza, I. and Maury, H. (2021), “Sustainable manufacture of scalable product families based on modularity”, *CIRP Journal of Manufacturing Science and Technology*, Elsevier Ltd, Vol. 35, pp. 80–95, doi: 10.1016/j.cirpj.2021.05.011.
- Mesa, J.A., Kwak, M., Shevchenko, T., Esparragoza, I.E. and Bris, J. (2025), “Proposing a carbon reduction engineering framework for product design: a multi-scenario perspective”, *Research in Engineering Design*, Springer Science and Business Media Deutschland GmbH, Vol. 36 No. 4, doi: 10.1007/s00163-025-00458-w.
- Michie, Susan., Atkins, Lou. and West, Robert. (2014), *The Behaviour Change Wheel : A Guide to Designing Interventions*, Silverback.
- Minh, T.C. and Quynh, N.N.T. (2024), “Factors affecting sustainable consumption behavior: Roles of pandemics and perceived consumer effectiveness”, *Cleaner*

- and Responsible Consumption*, Elsevier Ltd, Vol. 12, doi: 10.1016/j.clrc.2023.100158.
- Mistry, P.A., Konar, M.N., Latha, S., Chadha, U., Bhardwaj, P. and Eticha, T.K. (2023), “Chitosan Superabsorbent Biopolymers in Sanitary and Hygiene Applications”, *International Journal of Polymer Science*, Hindawi Limited, doi: 10.1155/2023/4717905.
- Modica, E., Cartocci, G., Rossi, D., Martinez Levy, A.C., Cherubino, P., Maglione, A.G., Di Flumeri, G., *et al.* (2018), “Neurophysiological responses to different product experiences”, *Computational Intelligence and Neuroscience*, Hindawi Limited, Vol. 2018, doi: 10.1155/2018/9616301.
- Morecroft, J. and Robinson, S. (2014), “Explaining puzzling dynamics: A comparison of system dynamics and discrete-event simulation”, *Discrete-Event Simulation and System Dynamics for Management Decision Making*, Vol. 9781118349021, Wiley Blackwell, pp. 165–198, doi: 10.1002/9781118762745.ch09.
- Muafi, M. and Sulistio, J. (2022), “A Nexus Between Green Intellectual Capital, Supply Chain Integration, Digital Supply Chain, Supply Chain Agility, and Business Performance”, *Journal of Industrial Engineering and Management*, OmniaScience, Vol. 15 No. 2, pp. 275–295, doi: 10.3926/jiem.3831.
- Murtiningrum, A.D., Darmawan, A. and Wong, H. (2022), “The adoption of electric motorcycles: A survey of public perception in Indonesia”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 379, doi: 10.1016/j.jclepro.2022.134737.
- Nag, U., Sharma, S.K. and Kumar, V. (2022), “Multiple Life-Cycle Products: A Review of Antecedents, Outcomes, Challenges, and Benefits in a Circular Economy”, *Journal of Engineering Design*, Taylor and Francis Ltd., Vol. 33 No. 3, pp. 173–206, doi: 10.1080/09544828.2021.2020219.
- Nazlı, T. (2021), “Repair motivation and barriers model: Investigating user perspectives related to product repair towards a circular economy”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 289, doi: 10.1016/j.jclepro.2020.125644.

- Neramballi, A., Sakao, T., Willskytt, S. and Tillman, A.M. (2020), “A design navigator to guide the transition towards environmentally benign product/service systems based on LCA results”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 277, doi: 10.1016/j.jclepro.2020.124074.
- Nguyen, A.T., Nguyen, N., Phung, P. and Yên-Khanh, N. (2023), “Residents’ waste management practices in a developing country: A social practice theory analysis”, *Environmental Challenges*, Elsevier B.V., Vol. 13, doi: 10.1016/j.envc.2023.100770.
- Nian, S., Pham, T., Haas, C., Ibrahim, N., Yoon, D. and Bregman, H. (2022), “A functional demonstration of adaptive reuse of waste into modular assemblies for structural applications: The case of bicycle frames”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 348, doi: 10.1016/j.jclepro.2022.131162.
- Nielsen, J., Kaufmann, M., Diego, S., Francisco, S., York, N., London, B. and Tokyo, S. (1993), *Usability Engineering*.
- Niklewicz-Pijaczyńska, M., Stańczyk, E., Gardocka-Jałowiec, A., Gródek-Szostak, Z., Niemczyk, A., Szalonka, K. and Homa, M. (2021), “A strategy for planned product aging in view of sustainable development challenges”, *Energies*, MDPI, Vol. 14 No. 22, doi: 10.3390/en14227793.
- Nishino, N., Kimita, K. and Ito, T. (2022), “Mechanism for matching circular products and customers with top trading cycles”, *CIRP Annals*, Elsevier Inc., Vol. 71 No. 1, pp. 5–8, doi: 10.1016/j.cirp.2022.04.007.
- Okumura, S. (2022), “Reuse-efficiency model for evaluating circularity of end-of-life products”, *Computers and Industrial Engineering*, Elsevier Ltd, Vol. 171, doi: 10.1016/j.cie.2022.108232.
- Ortner, P., Tay, J.Z. and Wortmann, T. (2022), “Computational optimization for circular economy product design”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 362, doi: 10.1016/j.jclepro.2022.132340.
- Osterwalder, A. and Pigneur, Y. (2010), *Business Model Generation*, John Wiley & Sons, Canada.
- Ouzir, M., Chakir Lamrani, H., Bradley, R.L. and El Moudden, I. (2024), “Neuromarketing and decision-making: Classification of consumer

- preferences based on changes analysis in the EEG signal of brain regions”, *Biomedical Signal Processing and Control*, Vol. 87, p. 105469, doi: <https://doi.org/10.1016/j.bspc.2023.105469>.
- Pineda, F., Padilla, J., Granobles-Torres, J.C., Echeverri-Rubio, A., Botero, C.M. and Suarez, A. (2023), “Community preferences for participating in ecotourism: A case study in a coastal lagoon in Colombia”, *Environmental Challenges*, Elsevier B.V., Vol. 11, doi: 10.1016/j.envc.2023.100713.
- Popmama. (2024), “Perkiraan Biaya Popok Bayi Baru Lahir hingga Usia Satu Tahun”, <https://www.popmama.com/Baby/0-6-Months/Perkiraan-Biaya-Popok-Bayi-Baru-Lahir-Hingga-Usia-Satu-Tahun-00-Szlrt-Bf2d0s>, 24 February.
- Porta, D., Milani, S., Lazzarino, A.I., Perucci, C.A. and Forastiere, F. (2009), “Systematic review of epidemiological studies on health effects associated with management of solid waste”, *Environmental Health: A Global Access Science Source*, doi: 10.1186/1476-069X-8-60.
- Pretner, G., Darnall, N., Testa, F. and Iraldo, F. (2021), “Are consumers willing to pay for circular products? The role of recycled and second-hand attributes, messaging, and third-party certification”, *Resources, Conservation and Recycling*, Elsevier B.V., Vol. 175, doi: 10.1016/j.resconrec.2021.105888.
- Priarone, P.C., Campatelli, G., Catalano, A.R. and Baffa, F. (2021), “Life-cycle energy and carbon saving potential of Wire Arc Additive Manufacturing for the repair of mold inserts”, *CIRP Journal of Manufacturing Science and Technology*, Elsevier Ltd, Vol. 35, pp. 943–958, doi: 10.1016/j.cirpj.2021.10.007.
- Puspita Sari, D., Hartini, S., Azzahra, F., Arsiwi, P. and Prayoga, R.G. (2024), “Modular-based multifunctional product design made from furniture waste toward the circular economy: case in Indonesia”, *Management Systems in Production Engineering*, Sciendo, Vol. 32 No. 3, pp. 303–316, doi: 10.2478/mspe-2024-0029.

- Ramsøy, T.Z., Skov, M., Christensen, M.K. and Stahlhut, C. (2018), “Frontal brain asymmetry and willingness to pay”, *Frontiers in Neuroscience*, Frontiers Media S.A., Vol. 12 No. MAR, doi: 10.3389/fnins.2018.00138.
- Ravaja, N., Somervuori, O. and Salminen, M. (2013), “Predicting purchase decision: The role of hemispheric asymmetry over the frontal cortex”, *Journal of Neuroscience, Psychology, and Economics*, American Psychological Association Inc., Vol. 6 No. 1, pp. 1–13, doi: 10.1037/a0029949.
- Roci, M., Salehi, N., Amir, S., Shoaib-ul-Hasan, S., Asif, F.M.A., Mihelič, A. and Rashid, A. (2022), “Towards circular manufacturing systems implementation: A complex adaptive systems perspective using modelling and simulation as a quantitative analysis tool”, *Sustainable Production and Consumption*, Elsevier B.V., Vol. 31, pp. 97–112, doi: 10.1016/j.spc.2022.01.033.
- Roebianto, A., Savitri, S.I., Aulia, I., Suciyan, A. and Mubarakah, L. (2023), “Content Validity: Definition and Procedure of Content Validation in Psychological Research”, *TPM - Testing, Psychometrics, Methodology in Applied Psychology*, Cises srl, Vol. 30 No. 1, pp. 5–18, doi: 10.4473/TPM30.1.1.
- Rogers, M. (2023), “Coding Qualitative Data”, in Okoko, J.M., Tunison, S. and Walker, K.D. (Eds.), *Varieties of Qualitative Research Methods*, Springer International Publishing, Cham, doi: 10.1007/978-3-031-04394-9.
- Roselli, L.R.P. and de Almeida, A.T. (2022), “Use of the Alpha-Theta Diagram as a decision neuroscience tool for analyzing holistic evaluation in decision making”, *Annals of Operations Research*, Springer, Vol. 312 No. 2, pp. 1197–1219, doi: 10.1007/s10479-021-04495-1.
- Rovelli, K., Angioletti, L., Acconito, C. and Balconi, M. (2024), “Neurosciences Tell Us How to Be Adaptable, Creative, and Proactive Agents in Decision Making: A Pilot Study”, *Journal of Neuroscience, Psychology, and Economics*, Vol. 17 No. 1, pp. 30–45, doi: 10.1037/npe0000184.
- Ruiz-Pastor, L. and Mesa, J.A. (2023), “Proposing an integrated indicator to measure product reparability”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 395, doi: 10.1016/j.jclepro.2023.136434.

- Ruiz-Pastor, L., Mulet, E., Chulvi, V. and Royo, M. (2021), “Effect of the application of circularity requirements as guided questions on the creativity and the circularity of the design outcomes”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 281, doi: 10.1016/j.jclepro.2020.124758.
- Saffari, F., Kakaria, S., Bigné, E., Bruni, L.E., Zarei, S. and Ramsøy, T.Z. (2023), “Motivation in the metaverse: A dual-process approach to consumer choices in a virtual reality supermarket”, *Frontiers in Neuroscience*, Frontiers Media S.A., Vol. 17, doi: 10.3389/fnins.2023.1062980.
- Sajjad, A., Zhang, Q., Asmi, F., Anwar, M.A. and Bhatia, M. (2024), “Identifying the motivating factors to promote socially responsible consumption under circular economy: A perspective from norm activation theory”, *Journal of Retailing and Consumer Services*, Elsevier Ltd, Vol. 76, doi: 10.1016/j.jretconser.2023.103544.
- Salary Explorer. (2024), *Average Salary in Indonesia 2024*.
- Sarancic, D., Pigosso, D.C.A., Colli, M. and McAloone, T.C. (2022), “Towards a novel Business, Environmental and Social Screening Tool for Product-Service Systems (BESST PSS) design”, *Sustainable Production and Consumption*, Elsevier B.V., Vol. 33, pp. 454–465, doi: 10.1016/j.spc.2022.07.022.
- Sarokin, S.N. and Bocken, N.M.P. (2024), “Pursuing profitability in slow fashion: Exploring brands’ profit contributors”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 444, doi: 10.1016/j.jclepro.2024.141237.
- Sauerwein, M., Doubrovski, E., Balkenende, R. and Bakker, C. (2019), “Exploring the potential of additive manufacturing for product design in a circular economy”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 226, pp. 1138–1149, doi: 10.1016/j.jclepro.2019.04.108.
- Schermelleh-Engel, K., Moosbrugger, H. and Müller, H. (2003), *Evaluating the Fit of Structural Equation Models: Tests of Significance and Descriptive Goodness-of-Fit Measures*, *Methods of Psychological Research Online*, Vol. 8.
- Schöggel, J.P., Baumgartner, R.J., O’Reilly, C.J., Bouchouireb, H. and Göransson, P. (2024), “Barriers to sustainable and circular product design – A theoretical

- and empirical prioritisation in the European automotive industry”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 434, doi: 10.1016/j.jclepro.2023.140250.
- Selvefors, A., Rexfelt, O., Renström, S. and Strömberg, H. (2019), “Use to use – A user perspective on product circularity”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 223, pp. 1014–1028, doi: 10.1016/j.jclepro.2019.03.117.
- Shen, B., Cao, Y. and Xu, X. (2020), “Product line design and quality differentiation for green and non-green products in a supply chain”, *International Journal of Production Research*, Taylor and Francis Ltd., Vol. 58 No. 1, pp. 148–164, doi: 10.1080/00207543.2019.1656843.
- Shen, B., Liu, S., Zhang, T. and Choi, T.M. (2019), “Optimal advertising and pricing for new green products in the circular economy”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 233, pp. 314–327, doi: 10.1016/j.jclepro.2019.06.022.
- Shevchenko, T., Saidani, M., Ranjbari, M., Kronenberg, J., Danko, Y. and Laitala, K. (2023), “Consumer behavior in the circular economy: Developing a product-centric framework”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 384, doi: 10.1016/j.jclepro.2022.135568.
- Sierra-Pérez, J., Teixeira, J.G., Romero-Piqueras, C. and Patrício, L. (2021), “Designing sustainable services with the ECO-Service design method: Bridging user experience with environmental performance”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 305, doi: 10.1016/j.jclepro.2021.127228.
- Singh, J., Cooper, T., Cole, C., Gnanapragasam, A. and Shapley, M. (2019), “Evaluating approaches to resource management in consumer product sectors - An overview of global practices”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 224, pp. 218–237, doi: 10.1016/j.jclepro.2019.03.203.
- Singh, P., Alhassan, I. and Khoshaim, L. (2023), “What Do You Need to Know? A Systematic Review and Research Agenda on Neuromarketing Discipline”, *Journal of Theoretical and Applied Electronic Commerce Research*,

Multidisciplinary Digital Publishing Institute (MDPI), 1 December, doi:
10.3390/jtaer18040101.

SIPSN. (2023), *Timbulan Sampah Nasional*, Jakarta.

Siwiec, D., Pacana, A. and Gazda, A. (2023), “A New QFD-CE Method for
Considering the Concept of Sustainable Development and Circular Economy”,
Energies, MDPI, Vol. 16 No. 5, doi: 10.3390/en16052474.

Smith, M.E. (2021), *Inspiring Green Consumer Choices*, Kogan Page, London.

Softex. (2024), “News, Sustainability, Environment”, Jakarta, available at:
<https://www.softexindonesia.com/id/news/kimberly-clark-softex-to-increase-its-collection-of-used-diapers-through-a-partnership-with-octopus-as-it-expands-its-recycling-efforts-in-indonesia> (accessed 26 April 2024).

Sourov, I.H., Ahmed, F.A., Opu, Md.T.I., Mutasim, A.K., Bashar, M.R., Tipu, R.S.,
Amin, Md.A., *et al.* (2023), “EEG-Based Preference Classification for
Neuromarketing Application”, *Computational Intelligence and Neuroscience*,
Hindawi Limited, Vol. 2023, pp. 1–13, doi: 10.1155/2023/4994751.

Sousa-Zomer, T.T., Magalhães, L., Zancul, E., Campos, L.M.S. and Cauchick-
Miguel, P.A. (2018), “Cleaner production as an antecedent for circular
economy paradigm shift at the micro-level: Evidence from a home appliance
manufacturer”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 185, pp.
740–748, doi: 10.1016/j.jclepro.2018.03.006.

Srividya, N., Atiq, R. and Volety, N.S. (2024), “Qualitative research on responsible
consumption concerning apparel”, *Cleaner and Responsible Consumption*,
Elsevier Ltd, Vol. 12, doi: 10.1016/j.clrc.2024.100178.

Sterman, John. (2000), *Business Dynamics : Systems Thinking and Modeling for a
Complex World*, Irwin/McGraw-Hill.

Stewart, R. and Niero, M. (2018), “Circular economy in corporate sustainability
strategies: A review of corporate sustainability reports in the fast-moving
consumer goods sector”, *Business Strategy and the Environment*, John Wiley
and Sons Ltd, Vol. 27 No. 7, pp. 1005–1022, doi: 10.1002/bse.2048.

Suhendro, J.M., Wibawa, A.D. and Mas, A. (2023), “Analysis of Attraction
Response on Product Packaging Based on EEG Signal: (A preliminary study

- of Neuromarketing on Packaging)”, *IES 2023 - International Electronics Symposium: Unlocking the Potential of Immersive Technology to Live a Better Life, Proceeding*, Institute of Electrical and Electronics Engineers Inc., pp. 479–485, doi: 10.1109/IES59143.2023.10242535.
- Sulami, A.P.N., Murayama, T. and Nishikizawa, S. (2023), “Promotion of Producer Contribution to Solve Packaging Waste Issues—Viewpoints of Waste Bank Members in the Bandung Area, Indonesia”, *Sustainability (Switzerland)*, MDPI, Vol. 15 No. 7, doi: 10.3390/su15076268.
- Sumter, D., de Koning, J., Bakker, C. and Balkenende, R. (2020), “Circular economy competencies for design”, *Sustainability (Switzerland)*, MDPI, Vol. 12 No. 4, doi: 10.3390/su12041561.
- Sumter, D., de Koning, J., Bakker, C. and Balkenende, R. (2021), “Key competencies for design in a circular economy: Exploring gaps in design knowledge and skills for a circular economy”, *Sustainability (Switzerland)*, MDPI AG, Vol. 13 No. 2, pp. 1–15, doi: 10.3390/su13020776.
- Sutherland, J.W., Skerlos, S.J., Haapala, K.R., Cooper, D., Zhao, F. and Huang, A. (2020), “Industrial Sustainability: Reviewing the Past and Envisioning the Future”, *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, American Society of Mechanical Engineers (ASME), Vol. 142 No. 11, doi: 10.1115/1.4047620.
- Svensson-Hoglund, S., Richter, J.L., Maitre-Ekern, E., Russell, J.D., Pihlajarinne, T. and Dalhammar, C. (2021), “Barriers, enablers and market governance: A review of the policy landscape for repair of consumer electronics in the EU and the U.S.”, *Journal of Cleaner Production*, Elsevier Ltd, Vol. 288, doi: 10.1016/j.jclepro.2020.125488.
- Swete, C. and Lippod, K. (2020), “The Distributional Impacts of Taxes on Health Products: Evidence from Diaper Sales Tax Exemptions”, *The Social Science Research Network*, pp. 1–30, doi: <https://dx.doi.org/10.2139/ssrn.3671021>.
- Szilagyi, A., Cioca, L.I., Bacali, L., Lakatos, E.S. and Birgovan, A.L. (2022), “Consumers in the Circular Economy: A Path Analysis of the Underlying Factors of Purchasing Behaviour”, *International Journal of Environmental*

Research and Public Health, MDPI, Vol. 19 No. 18, doi:
10.3390/ijerph191811333.

Tang, X. and Song, Z. (2019), “Neurological effects of product price and evaluation on online purchases based on event-related potentials”, *Neuroscience Letters*, Elsevier Ireland Ltd, Vol. 704, pp. 176–180, doi:
10.1016/j.neulet.2019.04.019.

The Ellen MacArthur Foundation. (2013), *Towards the Circular Economy Vol. 1: An Economic and Business Rationale for an Accelerated Transition*.

Ting, L.S., Zailani, S., Sidek, N.Z.M. and Shaharudin, M.R. (2023), “Motivators and barriers of circular economy business model adoption and its impact on sustainable production in Malaysia”, *Environment, Development and Sustainability*, Springer Science and Business Media B.V., doi:
10.1007/s10668-023-03350-6.

Tolossa, A.T., Singh, M. and Gautam, R.K. (2024), “Unveiling the Nexus: the crucial role of competitive advantage in bridging entrepreneurial marketing practices and sustainable firm performance in small and medium enterprises”, *Journal of Innovation and Entrepreneurship*, Springer Science and Business Media Deutschland GmbH, Vol. 13 No. 1, doi: 10.1186/s13731-024-00398-0.

Tomov, M. and Velkoska, C. (2022), “Contribution of the quality costs to sustainable development”, *Production Engineering Archives*, Sciendo, Vol. 28 No. 2, pp. 164–171, doi: 10.30657/pea.2022.28.19.

Toniolo, S., Camana, D., Guidolin, A., Aguiari, F. and Scipioni, A. (2021), “Are design for disassembly principles advantageous for the environment when applied to temporary exhibition installations?”, *Sustainable Production and Consumption*, Elsevier B.V., Vol. 28, pp. 1262–1274, doi:
10.1016/j.spc.2021.07.016.

Ulrich, K.T., Eppinger, S.D. and Yang, M.C. (2019), *Product Design and Development*, Vol. 6, McGraw Hill Education, New York.

UNEP. (2021), *Recommendations from Life Cycle Assessments Single-Use Nappies and Their Alternatives*, Paris.

- Unicharm. (2024), “Unicharm Group Sustainability Report”,
<https://www.unicharm.co.jp/en/csr-eco/report.html>, Minato-ku, 1 May.
- Urbinati, A., Chiaroni, D. and Toletti, G. (2019), “Managing the introduction of circular products: Evidence from the beverage industry”, *Sustainability (Switzerland)*, MDPI, Vol. 11 No. 13, doi: 10.3390/su11133650.
- Vehmas, K., Raudaskoski, A., Heikkilä, P., Harlin, A. and Mensonen, A. (2018), “Consumer attitudes and communication in circular fashion”, *Journal of Fashion Marketing and Management*, Emerald Group Holdings Ltd., Vol. 22 No. 3, pp. 286–300, doi: 10.1108/JFMM-08-2017-0079.
- Vink, K. (2020), “Sustainable life cycle design aspects: how aware are material scientists?”, *SN Applied Sciences*, Springer Nature, Vol. 2 No. 8, doi: 10.1007/s42452-020-3151-z.
- Vinkóczi, T., Heimné Rácz, É. and Koltai, J.P. (2024), “Exploratory analysis of zero waste theory to examine consumer perceptions of sustainability: A covariance-based structural equation modeling (CB-SEM)”, *Cleaner Waste Systems*, Elsevier B.V., Vol. 8, doi: 10.1016/j.clwas.2024.100146.
- Vyas, S., Prajapati, P., Shah, A. V. and Varjani, S. (2022), “Municipal solid waste management: Dynamics, risk assessment, ecological influence, advancements, constraints and perspectives”, *Science of the Total Environment*, Elsevier B.V., 25 March, doi: 10.1016/j.scitotenv.2021.152802.
- Wang, J.X., Burke, H. and Zhang, A. (2022), “Overcoming barriers to circular product design”, *International Journal of Production Economics*, Elsevier B.V., Vol. 243, doi: 10.1016/j.ijpe.2021.108346.
- Wang, Y., Wang, Z., Li, B. and Cheng, Y. (2023), “The choice of subsidy policy for incentivizing product design for environment”, *Computers and Industrial Engineering*, Elsevier Ltd, Vol. 175, doi: 10.1016/j.cie.2022.108883.
- White, H.L., Mwapasa, T., Mphasa, M., Kalonde, P.K., Feasey, N., Oliver, D.M., Ormsby, M.J., *et al.* (2023), “Open defaecation by proxy: Tackling the increase of disposable diapers in waste piles in informal settlements”, *International Journal of Hygiene and Environmental Health*, Elsevier GmbH, 1 May, doi: 10.1016/j.ijheh.2023.114171.

- Wit, B. and Pylak, K. (2020), “Implementation of triple bottom line to a business model canvas in reverse logistics”, *Electronic Markets*, Vol. 30, pp. 679–697, doi: 10.1007/s12525-020-00422-7/Published.
- Wittmann, R.G., Reuter, M. 1974-, Jünger, M. 1977-, Alexy, N. and ZIEL - Zentrum für Interdisziplinäres Erfahrungsorientiertes Lernen Augsburg. (2019), *Strategy Design Innovation How to Create Business Success Using a Systematic Toolbox*, ZIEL Verlag, Augsburg.
- Yazdani, S. and Lakzian, E. (2023), “Conservation; Waste Reduction/Zero Waste”, *Pragmatic Engineering and Lifestyle: Responsible Engineering for a Sustainable Future*, Emerald Group Publishing Ltd., pp. 131–152, doi: 10.1108/978-1-80262-997-220231007.
- Yupari-Azabache, I.L., Díaz-Ortega, J.L., Bardales-Aguirre, L.B., Barros-Sevillano, S. and Paredes-Díaz, S.E. (2023), “Validity and Reliability of the Knowledge, Attitudes and Practices Instrument Regarding Monkey Pox in Peru”, *Risk Management and Healthcare Policy*, Dove Medical Press Ltd, Vol. 16, pp. 1509–1520, doi: 10.2147/RMHP.S420330.
- Yuvita, Y., Husain, A., Sulistyawati, A.E., Meiristiani, N., Fatimah, E. and Sunmud, S. (2023), “Assessing the digital literacy competence of pre-service English teacher in Indonesia and Thailand”, *Journal of Education and Learning (EduLearn)*, Institute of Advanced Engineering and Science, Vol. 17 No. 4, pp. 604–612, doi: 10.11591/edulearn.v17i4.20910.
- Zeng, L., Lin, M., Xiao, K., Wang, J. and Zhou, H. (2022), “Like/Dislike Prediction for Sport Shoes With Electroencephalography: An Application of Neuromarketing”, *Frontiers in Human Neuroscience*, Frontiers Media S.A., Vol. 15, doi: 10.3389/fnhum.2021.793952.
- Zikopoulos, C. (2022), “On the effect of upgradable products design on circular economy”, *International Journal of Production Economics*, Elsevier B.V., Vol. 254, doi: 10.1016/j.ijpe.2022.108629.
- Zimmermann, R., Inês, A., Dalmarco, G. and Moreira, A.C. (2024), “The role of consumers in the adoption of R-strategies: A review and research agenda”,

Cleaner and Responsible Consumption, Elsevier Ltd, 1 June, doi:
10.1016/j.clrc.2024.100193.

Zoëga Ramsøy, T., Michael, N. and Michael, I. (2019), “A Consumer Neuroscience Study of Conscious and Subconscious Destination Preference”, *Scientific Reports*, Nature Publishing Group, Vol. 9 No. 1, doi: 10.1038/s41598-019-51567-1.