

DAFTAR PUSTAKA

- Aagaard, L. K., Christensen, T. H., & Gram-Hanssen, K. (2023). My smart home: an auto-ethnography of learning to live with smart technologies. *Personal and Ubiquitous Computing*, 27(6), 2121–2131.
<https://doi.org/10.1007/s00779-023-01725-0>
- Aissani, C., Akroun, Y. F., Yazid, M., & Bouchelaghem, S. (2021). Smart Home Danger Prediction System to ensure People with Alzheimer's Disease Safety. *2020 2nd International Workshop on Human-Centric Smart Environments for Health and Well-Being, IHSH 2020*, 86–91.
<https://doi.org/10.1109/IHSH51661.2021.9378728>
- Aisyi, D., & Yuwono, B. E. (2020). *Analisis Emisi Karbon Dioksida (CO₂) pada Fase Pemanfaatan Rumah Tinggal di Kota Bekasi (Studi Kasus: Perumahan Sapphire Regency Bekasi)*.
- Albăstroi, I., Enache, C., Cepoi, A., Istrate, A., & Andrei, T. L. (2021). Adopting Iot-Based Solutions For Smart Homes. The Perspective Of The Romanian Users. *Amfiteatru Economic*, 23(57), 325–325.
<https://doi.org/10.24818/EA/2021/57/325>
- Arif, S., Khan, M. A., Rehman, S. U., Kabir, M. A., & Imran, M. (2020). Investigating Smart Home Security: Is Blockchain the Answer? *IEEE Access*, 8, 117816. <https://doi.org/10.1109/ACCESS.2020.3004662>
- Augusto, J. C., & Nugent, C. D. (2006). *Designing Smart Homes: The Role of Artificial Intelligence*. Springer Nature.
- Ayavaca-Vallejo, L., & Avila-Pesantez, D. (2023). Smart Home IoT Cybersecurity Survey: A Systematic Mapping. *2023 Conference on Information Communications Technology and Society, ICTAS 2023 - Proceedings*.
<https://doi.org/10.1109/ICTAS56421.2023.10082751>
- Badan Pusat Statistik. (2023). *Statistik Komuter Jabodetabek*.
- Badan Pusat Statistik Provinsi Jawa Barat. (2023). *Proyeksi Penduduk Kabupaten / Kota Provinsi Jawa Barat*.
- Bahfein, S., & Alexander, H. B. (2023). *Konstruksi Sumbang 24,6 Persen Emisi Gas Rumah Kaca, Ini Upaya Pemerintah*.
<https://www.kompas.com/properti/read/2023/03/16/140000521/Konstruksi-Sumbang-246-Persen-Emisi-Gas-Rumah-Kaca-Ini-Upaya-Pemerintah>.

- Bajpai, S., & Radha, D. (2019). *Smart Phone as a Controlling Device for Smart Home using Speech Recognition*.
- Bibri, S. E. (2015). *The Shaping of Ambient Intelligence and the Internet of Things Historico-epistemic, Socio-cultural, Politico-institutional and Eco-environmental Dimensions*. Atlantis Press. <https://doi.org/10.2991/978-94-6239-142-0>
- Bouchabou, D., Nguyen, S. M., Lohr, C., Leduc, B., & Kanellos, I. (2021). A survey of human activity recognition in smart homes based on iot sensors algorithms: Taxonomies, challenges, and opportunities with deep learning. *Sensors*, 21(18). <https://doi.org/10.3390/s21186037>
- Briere, D., & Hurley, P. (2007). *Smart Homes FOR DUMMIES*. Wiley Publishing, Inc.
- Brosur Grand Duta City*. (2022). Grand Duta City Bekasi.
- Carvalho, M. (2022). *Building Smart Home Automation Solutions with Home Assistant*. Packt Publishing.
- Cenni, D. (2023). *AI for Smart Home Automation*. MDPI.
- Chen, F., García-Betances, R. I., Chen, L., Cabrera-Umpiérrez, M. F., & Nugent, C. (2020). *Smart Assisted Living Toward An Open Smart-Home Infrastructure*. Springer Nature Switzerland AG. <https://doi.org/10.1007/978-3-030-25590-9>
- Creswell, J. W., & Creswell, J. D. (2023). *Research Design Qualitative, Quantitative and Mixed Methods Approaches* (Sixth Edition).
- Dehghani, M., Bornapour, S. M., & Sheybani, E. (2025). Enhanced Energy Management System in Smart Homes Considering Economic, Technical, and Environmental Aspects: A Novel Modification-Based Grey Wolf Optimizer. *Energies*, 18(5). <https://doi.org/10.3390/en18051071>
- Deschamps-Sonsino, A. (2018). Smarter homes: How technology will change your home life. In *Smarter Homes: How Technology will Change Your Home Life*. Apress Media LLC. <https://doi.org/10.1007/978-1-4842-3363-4>
- Dinas Lingkungan Hidup. (2023). *Persentase Ketersediaan Inventarisasi dan Mitigasi Emisi Gas Rumah Kaca (GRK) Tahun 2023*. <https://opendata.bekasikab.go.id/Dataset/Jumlah-Inventarisasi-Dan-Mitigasi-Emisi-Grk-Total>.

- Elsenpeter, R. C., & Velte, T. J. (2003). *Build Your Own Smart Home*. McGraw-Hill/Osborne.
- Furszyfer Del Rio, D. D., Sovacool, B. K., & Griffiths, S. (2021). Culture, energy and climate sustainability, and smart home technologies: A mixed methods comparison of four countries. *Energy and Climate Change*, 2. <https://doi.org/10.1016/j.egycc.2021.100035>
- Giroux, S., & Pigot, H. (2005). *From Smart Homes to Smart Care*. IOS Press.
- Goodwin, Steven. (2010). *Smart Home Automation with Linux*. Apress.
- Goyal, G. R., & Vadhera, S. (2023). Smart Home Appliances' Scheduling by Two-Stage Optimization with Real-Time Price Model. *Electric Power Components and Systems*, 51(6), 604–618. <https://doi.org/10.1080/15325008.2023.2179688>
- Hammi, B., Zeadally, S., Khatoun, R., & Nebhen, J. (2022). Survey on smart homes: Vulnerabilities, risks, and countermeasures. *Computers and Security*, 117. <https://doi.org/10.1016/j.cose.2022.102677>
- Hanani, A., & Hariyadi, M. A. (2020). *Smart Home Berbasis IoT Menggunakan Suara Pada Google Assistant*.
- Hargreaves, T., & Wilson, C. (2017). *Smart Homes and Their Users*. Springer. <https://doi.org/10.1007/978-3-319-68018-7>
- Herwig, O. (2022). *Home Smart Home How We Want to Live*. Birkhäuser Verlag GmbH, Basel.
- Iannone, R., Gurashi, R., Iannuzzi, I., de Ghantuz Cubbe, G., & Sessa, M. (2020). *Smart Society A Sociological Perspective on Smart Living*. Routledge Taylor & Francis Group.
- Iman Akbar, R., Ganjar Purnama, D., Salsabila, Aulia, & Salsabila, Aurelia. (2024). *Pengembangan Model SmartHome berbasis IoT*. <http://jurnal.umj.ac.id/index.php/semnaslit>
- Jose, A. C., Malekian, R., & Letswamotse, B. B. (2018). Improving smart home security; integrating behaviour prediction into smart home. *Int. J. Sensor Networks*, 28(4), 253–269.
- Khatoun, R. (2022). *Cybersecurity in Smart Homes Architectures, Solution and Technologies*. ISTE Ltd and John Wiley & Sons, Inc.

- Kim, M. J., Cho, M. E., & Jun, H. J. (2020). Developing Design Solutions for Smart Homes Through User-Centered Scenarios. *Frontiers in Psychology*, 11. <https://doi.org/10.3389/fpsyg.2020.00335>
- Knoefel, F., Wallace, B., Thomas, N., Sveistrup, H., Goubran, R., & Laurin, C. L. (2024). *Supportive Smart Homes: Their Role in Aging in Place*. Springer Nature Switzerland AG. <https://doi.org/10.1007/978-3-031-37337-4>
- Kurdi, S. Z. (2008). *PENGARUH EMISI CO2 DARI SEKTOR PERUMAHAN PERKOTAAN TERHADAP KUALITAS LINGKUNGAN GLOBAL*.
- Kurniawan, Y., Maliki, M. R., Pebrianto, I., Saputra, E., Ardhana, A. Z., & Purwidiyanto, M. H. (2024). *DESAIN DAN IMPLEMENTASI SMART HOME BERBASIS IOT DENGAN MEMANFAATKAN APLIKASI CISCO PACKET TRACER*.
- Kyas, O. (2015). *HOW TO SMART HOME* (3rd Edition). KEY CONCEP PRESS.
- Lee, K. P., Chng, C. W., Tong, D. L., & Tseu, K. L. (2023). Optimizing Energy Consumption on Smart Home Task Scheduling using Particle Swarm Optimization. *Procedia Computer Science*, 220, 195–201. <https://doi.org/10.1016/j.procs.2023.03.027>
- Liao, L., Liang, Y., Li, H., Ye, Y., & Wu, G. (2023). A systematic review of global research on natural user interface for smart home system. *International Journal of Industrial Ergonomics*, 95. <https://doi.org/10.1016/j.ergon.2023.103445>
- Macmillan. (2021). *A Guide to Smart Homes in 2021 What You Need to Know*. Macmillan Publisher. <https://us.macmillan.com/piracy>
- Mandour, K., & Raja, S. (2019). *Teknik och samhälle Datavetenskap Examensarbete*.
- Meyer, G. (2005). *SMART HOME HACKS*. O'Reilly Media, Inc.
- Miller, M. (2017). *My Smart Home for Seniors*. Pearson Education, Inc. / AARP.
- Mokhtari, M., Khalil, I., Bauchet, J., Zhang, D., & Nugent, C. (2009). *Ambient Assistive Health and Wellness Management in the Heart of the City*. Springer-Verlag.
- Nationally Determined Contribution (NDC). (2016). *FIRST NATIONALLY DETERMINED CONTRIBUTION REPUBLIC OF INDONESIA*.

- Noura, M., & Gaedke, M. (2021). VOISMA: Indoor Location Identification for Voice-based Smart Home. *ACM International Conference Proceeding Series*, 582–588. <https://doi.org/10.1145/3486622.3493995>
- Park, Y., & Han, J. (2025). Smart Home Advancements for Health Care and Beyond: Systematic Review of Two Decades of User-Centric Innovation. *Journal of Medical Internet Research*, 27(1). <https://doi.org/10.2196/62793>
- Rahmani, M. (2021). *Operation of Smart Homes*. Springer Nature Switzerland AG. <https://doi.org/10.1007/978-3-030-64915-9>
- Rathore, P. S., Kumar, A., Bhatia, S., Mashat, A., & Gadekallu, T. R. (2025). *SUSTAINABLE SMART HOMES AND BUILDINGS WITH INTERNET OF THINGS*. John Wiley & Sons, Inc. and Scrivener Publishing LLC. <https://onlinelibrary.wiley.com/doi/>
- Romadhani, F. N. (2023). *Revolusi Ruang Hidup dengan Teknologi Smart Home*. <https://journal.unm.ac.id/index.php/Semnasdies62/index>
- Sabit, H. (2025). Artificial Intelligence-Based Smart Security System Using Internet of Things for Smart Home Applications. *Electronics (Switzerland)*, 14(3). <https://doi.org/10.3390/electronics14030608>
- Savasa. (2023). *Konsep Savasa*. <https://Savasa.Id/Konsep-Savasa/Smart-Security>.
- Schulz, J. M., & Scilla, J. S. (2024). Broad Perspective of Smart Home Technology in 2024. *International Journal of Smart Technologies*, 1(1), 1–27. <https://doi.org/10.4018/ijst.350186>
- Smeenk, H. G. ., & Petock, Marc. (2023). *Internet of Things for Smart Buildings*. Packt Publishing, Limited.
- Stolojescu-Crisan, C., Crisan, C., & Butunoi, B. P. (2021). An iot-based smart home automation system. *Sensors*, 21(11). <https://doi.org/10.3390/s21113784>
- Surantha, N., Mertha, I. M. P., Widjaja, J. A., & Andersen, P. D. (2023). SMART HOME SECURITY SYSTEM FOR INTRUDER DETECTION USING YOLO V3 ALGORITHM. *ICIC Express Letters, Part B: Applications*, 14(3), 295–302. <https://doi.org/10.24507/icicelb.14.03.295>
- Suryadevara, N. K., & Mukhopadhyay, S. C. (2015). *Smart Homes: Design, Implementation and Issues*. Springer International Publishing Switzerland. <https://doi.org/10.1007/978-3-319-13557-1>
- Torres-Hernandez, C. M., Garduño-Aparicio, M., & Rodriguez-Resendiz, J. (2025). Smart Homes: A Meta-Study on Sense of Security and Home

Automation. *Technologies*, 13(8).

<https://doi.org/10.3390/technologies13080320>

Vandome, Nick. (2018). *Smart Homes in easy steps: Master smart technology for your home*. In Easy Steps Limited.

Vardakis, G., Hatzivasilis, G., Koutsaki, E., & Papadakis, N. (2024). Review of Smart-Home Security Using the Internet of Things. *Electronics (Switzerland)*, 13(16). <https://doi.org/10.3390/electronics13163343>

Yang, Q., Li, P., Liu, X., & Wei, C. (2025). Exploring the functional quality attributes of smart home for older adults based on qualitative research and Kano model. *Frontiers in Public Health*, 13. <https://doi.org/10.3389/fpubh.2025.1541571>

Zielonka, A., Sikora, A., Woźniak, M., Wei, W., Ke, Q., & Bai, Z. (2021). Intelligent Internet of Things System for Smart Home Optimal Convection. *IEEE Transactions on Industrial Informatics*, 17(6), 4308–4317. <https://doi.org/10.1109/TII.2020.3009094>

