

## DAFTAR PUSTAKA

- Abdullahi, Mu'Azu Mohammed et al. 2021. "A Review of Building Integrated Photovoltaic: Case Study of Tropical Climatic Regions." *International Journal of Power Electronics and Drive Systems* 12(1): 474–88.
- Aguacil, Sergi, Sophie Lufkin, and Emmanuel Rey. 2019. "Active Surfaces Selection Method for Building-Integrated Photovoltaics (BIPV) in Renovation Projects Based on Self-Consumption and Self-Sufficiency." *Energy and Buildings* 193: 15–28. <https://doi.org/10.1016/j.enbuild.2019.03.035>.
- Anantama, Aldhi Nugraha, and Agus Hariyadi. 2021. "Effectiveness of Adaptive Facade with Helicone Mechanisms on Energy Values and Natural Lighting in Indonesia." *ARTEKS : Jurnal Teknik Arsitektur* 6(3): 437–46.
- Asfour, Omar S. 2018. "Solar and Shading Potential of Different Configurations of Building Integrated Photovoltaics Used as Shading Devices Considering Hot Climatic Conditions." *Sustainability (Switzerland)* 10(12): 1–15.
- Atthailah, Atthailah, Amril Bakhtiar, and Badriana Badriana. 2019. "Optimalisasi Pencahayaan Alami Dengan Useful Daylight Illuminance Pada Desain Rumah Toko (Ruko) Di Kota Lhokseumawe." *Nature: National Academic Journal of Architecture* 6(1): 11.
- B. A. Alsayid, S. Y. Alsadi, J. S. Jallad, and M. H. Dradi, "Partial shading of pv system simulation with experimental results," *Smart Grid and Renewable Energy*, vol. 4, pp. 429-435, 2013.
- Brito, M. C. et al. 2017. "The Importance of Facades for the Solar PV Potential of a Mediterranean City Using LiDAR Data." *Renewable Energy* 111(October): 85–94.
- Fikri, Raushan. 2020. "Pengaruh Penerapan Desain Shading Device Pada Itdc Office." : 171–80.
- Freitas, Jader de Sousa, Joára Cronemberger, Raí Mariano Soares, and Cláudia Naves David Amorim. 2020. "Modeling and Assessing BIPV Envelopes Using Parametric Rhinoceros Plugins Grasshopper and Ladybug." *Renewable Energy* 160: 1468–79.
- Goli, P., & Shireen, W. (2015). Control and Management of PV Integrated Charging Facilities for PEVs.
- Hariyadi, Agus, Hiroatsu Fukuda, and Qingsong Ma. 2017. "The Effectiveness of the Parametric Design 'Sudare' Blind as External Shading for Energy Efficiency and

13(5): 384–403. <https://doi.org/10.1080/17452007.2017.1296811>.

- Hoseinzadeh, Pegah et al. 2021. “Energy Performance of Building Integrated Photovoltaic High-Rise Building: Case Study, Tehran, Iran.” *Energy and Buildings* 235.
- Hussein, H. M.S., G. E. Ahmad, and H. H. El-Ghetany. 2004. “Performance Evaluation of Photovoltaic Modules at Different Tilt Angles and Orientations.” *Energy Conversion and Management* 45(15–16): 2441–52.
- Kamel, Tarek M. 2021. “A New Comprehensive Workflow for Modelling Outdoor Thermal Comfort in Egypt.” *Solar Energy* 225: 162–72.
- Kumar, Nallapaneni Manoj, M. Samykano, and Alagar Karthick. 2021. “Energy Loss Analysis of a Large Scale BIPV System for University Buildings in Tropical Weather Conditions: A Partial and Cumulative Performance Ratio Approach.” *Case Studies in Thermal Engineering* 25(June): 100916. <https://doi.org/10.1016/j.csite.2021.100916>.
- Middelhaue, Luise, Luc Girardin, Francesco Baldi, and François Maréchal. 2021. “Potential of Photovoltaic Panels on Building Envelopes for Decentralized District Energy Systems.” *Frontiers in Energy Research* 9(October): 1–20.
- Mols, Toms, and Andra Blumberga. 2020. “Inverse Modelling of Climate Adaptive Building Shells. System Dynamics Approach.” *Environmental and Climate Technologies* 24(2): 170–77.
- Nguyen, X. H., & Nguyen, M. P. (2015). Mathematical modeling of photovoltaic cell/module/arrays with tags in Matlab/Simulink. *Environmental Systems Research*, 4(1). <https://doi.org/10.1186/s40068-015-0047-9>
- Nurhamdoko, Bonifacius. 2012. “Optimalisasi Kondisi Termal Dan Pembangkitan Energi Pada Atap Photovoltaic Terintegrasi Di Daerah Tropis Lembab Surabaya.”
- Pramudita, Brahmantya Aji, Bandiyah Sri Aprillia, and Mohamad Ramdhani. 2021. “Analisis Ekonomi on Grid PLTS Untuk Rumah 2200 VA.” *Jurnal Listrik, Instrumentasi dan Elektronika Terapan (JuLIET)* 1(2): 23–27.
- Purnama, Sega. 2020. “Analisis Bentuk Peneduh Terhadap Perolehan Radiasi Sinar Matahari Pada Bangunan Tinggi.” *Lakar: Jurnal Arsitektur* 3(01): 45–49.
- Putri, Siska Tiara, Dan Muhammad Siam, and Priyono Nugroho. 2019. “Konsep Zero Energy Building Bagi Islamic Boarding School Di Sragen.” *Rapi Ums*: 404–11.

S.G., Ramadhan, Ch. Rangkuti. 2016. “Perencanaan Pembangkit Listrik Tenaga Surya Di Atap Gedung Harry Hartanto Universitas Trisakti.” : 1–11.

Susan, Susan, I Gusti Ngurah Antaryama, and Totok Noerwasito. 2015. “Integrated Configuration of Folding Roof-Bipv and Its Optimation At Office Building in Surabaya.” *Journal of architecture&ENVIRONMENT* 14(1): 95.

Tripathy, Meeta, Somil Yadav, S K Panda, and Pradip Sadhu. 2017. “Performance of Building Integrated Photovoltaic Thermal Systems for the Panels Installed at Optimum Tilt Angle.” *Renewable Energy* 113.

Yan, Shuai et al. 2019. “A Method to Describe the Thermal Property of Pipe-Embedded Double-Skin Façade: Equivalent Glass Window.” *Energy and Buildings* 195: 33–44.