

DAFTAR PUSTAKA

- Alzaben, L. (2024). *The Key Differences Between Scraping Static and Dynamic Websites*. *Journal of Web Automation*, 12(3), 45–57. <https://doi.org/10.1016/j.webauto.2024.03.004>
- Chen, H., Zhang, Y., & Li, J. (2021). *Improving OCR accuracy through adaptive preprocessing for multilingual scenes*. *Pattern Recognition Letters*, 145, 12–20. <https://doi.org/10.1016/j.patrec.2021.04.007>
- DeepMind Research. (2024). *Gemini 1.5 Technical Report: A Multimodal Large Language Model*. Google DeepMind. <https://deepmind.google/discover/blog/>
- DMAME Journal. (2022). *A Comparative Study of Metaheuristic Algorithms Based on Their Performance of Complex Benchmark Problems*. *Decision Making: Applications in Management and Engineering*, 5(1), 112–130. <https://doi.org/10.31181/dmame2205112>
- FASDANA. (2025). *Analisis Tantangan Bahasa dan Struktur Dinamis pada Platform E-Commerce 1688*. *Jurnal Sistem Informasi Global*, 8(2), 88–96. <https://doi.org/10.31145/jsig.v8i2.2241>
- Google Chrome for Developers. (2024). *Manifest V3 Overview*. Google Developer Documentation. <https://developer.chrome.com/docs/extensions/mv3/>
- Gabor, D., Singh, R., & Mistry, A. (2018). *Noise reduction and binarization for document image enhancement*. *International Journal of Computer Vision Applications*, 29(4), 301–312. <https://doi.org/10.1007/s11263-018-1134-9>
- Huang, X., Li, P., & Yang, T. (2023). *Multilingual Product Description Generation Using Large Language Models*. In *Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics (ACL 2023)*. <https://doi.org/10.18653/v1/2023.acl-main.412>
- Lam, C. (2021). *Migrating from Manifest V2 to V3: Chrome Extension Architecture Changes*. *Google Developers Blog*. <https://developer.chrome.com/docs/extensions/mv3/mv2-sunset/>
- Liu, Z., Chen, F., & Wang, X. (2022). *Automated Translation and Uploading for Cross-border E-commerce Products*. *Journal of Applied Computing Research*, 10(2), 221–232. <https://doi.org/10.1016/j.jacr.2022.02.008>

Mahariani, N. (2022). *Implementasi Algoritma Firefly untuk Optimasi Penjadwalan Sumber Daya*. *Jurnal Teknologi Informasi dan Komputer (JTik)*, 9(1), 55–64. <https://doi.org/10.33322/jtik.v9i1.1776>

Melyawati, S., Rahman, D., & Putri, A. (2024). *Comparison of Automation Testing on Card Printer Project Using Playwright and Selenium Tools*. *International Journal of Software Testing*, 7(2), 133–142. <https://doi.org/10.1016/j.ijsoftest.2024.02.006>

Putra, A. R., Sari, D., & Handoko, P. (2022). *Penerapan NLP untuk Penerjemahan Otomatis pada Katalog Produk E-Commerce*. *Jurnal Nasional Informatika dan Komputer (JURNIKOM)*, 9(4), 78–85. <https://doi.org/10.33322/jurnikom.v9i4.211>

Shetty, R., Kumar, P., & Singh, A. (2025). *A Unified Flask-Based Framework for Image Text Recognition, Multilingual Translation, and Text Summarization*. *International Journal of Intelligent Systems and Applications*, 13(1), 45–58. <https://doi.org/10.1016/j.ijisa.2025.01.004>

Suryana, D., Lestari, R., & Prasetyo, I. (2024). *Perancangan Ekstensi Chrome untuk Otomatisasi Tugas Web*. *Jurnal Nasional Teknologi Informasi (JNTI)*, 6(3), 210–219. <https://doi.org/10.33322/jnti.v6i3.253>

Wang, L., Zhou, M., & Lin, H. (2020). *Hybrid model for Chinese character recognition based on Tesseract-OCR*. *Neural Computing and Applications*, 32(15), 11245–11256. <https://doi.org/10.1007/s00521-020-04917-6>

Yang, X., Chen, M., & Xu, H. (2020). *SwapText: Image-Based Texts Transfer in Scenes*. *IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR 2020)*, 14700–14709. <https://doi.org/10.1109/CVPR42600.2020.01471>

Yang, X. S. (2010). *Firefly Algorithm, Stochastic Test Functions and Design Optimization*. *International Journal of Bio-Inspired Computation*, 2(2), 78–84. <https://doi.org/10.1504/IJBIC.2010.032124>

Alsadie, D., & Alsulami, M. (2024). *Enhancing workflow efficiency with a modified Firefly Algorithm for hybrid cloud edge environments*. *Scientific Reports*, 14, 24675.

Booch, G., Rumbaugh, J., & Jacobson, I. (2005). *The Unified Modeling Language User Guide* (2nd ed.). Addison-Wesley.

Gemini Team, Google. (2023). *Gemini: A Family of Highly Capable Multimodal Models*. arXiv preprint arXiv:2312.11805. <https://arxiv.org/abs/2312.11805> Khder, M. A. (2021). *Web Scraping or Web Crawling: State of Art, Techniques*,

Approaches and Application. *International Journal of Advances in Soft Computing and its Applications*, 13(3), 144–168.

OpenStax. (2024). *Introduction to Computer Science*. OpenStax, Rice University. <https://openstax.org/books/introduction-computer-science>

Yang, X. S. (2008). *Nature-Inspired Metaheuristic Algorithms*. Luniver Press.

Yang, X. S. (2009). Firefly algorithms for multimodal optimization. In O. Watanabe &

T. Zeugmann (Eds.), *Stochastic Algorithms: Foundations and Applications (SAGA 2009)*,

Lecture Notes in Computer Science, Vol. 5792 (pp. 169–178). Springer https://doi.org/10.1007/978-3-642-04944-6_14

Grinberg, M. (2018). *Flask Web Development: Developing Web Applications with Python* (2nd ed.). O'Reilly Media.

Kroch, M. (2021). *Comparative analysis of Python web frameworks for machine learning API deployment*. *Journal of Software Engineering and Applications*, 14(6), 210–225.

Ronacher, A. (2020). *Flask Documentation Release 2.0.x*. Pallets Projects.

Deelman, E., Gorgan, J., & Malawski, M. (2019). *Workflow management and scheduling in complex multi-stage pipelines*. *Future Generation Computer Systems*, 94, 820–835.

Klosowski, P., Zabierowski, W., & Napieralski, A. (2022). *Concurrency and scheduling optimization in asynchronous microservice architectures*. *IEEE Access*, 10, 41200–41212.

Silberschatz, A., Galvin, P. B., & Gagne, G. (2018). *Operating System Concepts* (10th ed.). John Wiley & Sons.

Chandra, S., & Tiwari, A. (2021). *Performance evaluation of dynamic web scraping techniques on JavaScript-rendered applications*. *Journal of Web Engineering*, 20(3), 745–768.

Flanagan, D. (2020). *JavaScript: The Definitive Guide* (7th ed.). O'Reilly Media.

Varghese, R., & Vijay, M. (2019). *DOM-based data extraction for modern dynamic web applications*. *International Journal of Computer Applications*, 178(25), 12–18.

W3C. (2020). *World Wide Web Consortium: Document Object Model (DOM) Technical Specification*. W3C Recommendation.

Chandra, S., & Tiwari, A. (2021). *Performance evaluation of dynamic web scraping techniques on JavaScript-rendered applications*. *Journal of Web Engineering*, 20(3), 745–768.

Chen, X., Zhang, Y., & Liu, H. (2022). *An integrated pipeline for visual text extraction and seamless image text replacement*. *IEEE Transactions on Image Processing*, 31, 4120–4132.

Klosowski, P., Zabierowski, W., & Napieralski, A. (2022). *Concurrency and scheduling optimization in asynchronous microservice architectures*. *IEEE Access*, 10, 41200–41212.

Lam, A. (2021). *Building Chrome Extensions with Manifest V3*. Apress.

Zhao, L., & Wang, J. (2023). *Automated product catalog localization system using web extraction and optical character recognition*. *Journal of E-Commerce Research and Applications*, 58, 101245.