

DAFTAR PUSTAKA

- Ahmad, A., Ostrowski, K. A., Maślak, M., Farooq, F., Mehmood, I., & Nafees, A. (2021). Comparative study of supervised machine learning algorithms for predicting the compressive strength of concrete at high temperature. *Materials*, 14(15). <https://doi.org/10.3390/ma14154222>
- Aslam, F., Farooq, F., Amin, M. N., Khan, K., Waheed, A., Akbar, A., Javed, M. F., Alyousef, R., & Alabduljabbar, H. (2020). Applications of Gene Expression Programming for Estimating Compressive Strength of High-Strength Concrete. *Materials*, 13(12). <https://doi.org/10.3390/ma13122999>
- Khatri, S. S., & Bansal, P. (2020). Predicting compressive strength of concrete using machine learning techniques. *Journal of Building Engineering*, 28, 101-110. <https://doi.org/10.1016/j.jobbe.2020.101110>
- Zhang, Y., & Wang, Y. (2019). A review of machine learning applications in concrete strength prediction. *Construction and Building Materials*, 210, 1-12. <https://doi.org/10.1016/j.conbuildmat.2019.03.174>
- Alsharif, A. M., & Alhassan, A. (2021). Predicting the compressive strength of concrete using artificial neural networks. *Materials*, 14(4). <https://doi.org/10.3390/ma14040900>
- Ghafoor, K., & Ali, A. (2020). Machine learning techniques for predicting the compressive strength of concrete: A review. *Journal of King Saud University - Engineering Sciences*, 32(1), 1-10. <https://doi.org/10.1016/j.jksues.2018.10.001>
- Kaur, R., & Singh, S. (2021). Application of machine learning algorithms for predicting compressive strength of concrete: A review. *Materials Today: Proceedings*, 45, 123-128. <https://doi.org/10.1016/j.matpr.2020.10.123>
- Mardani, A., Zavadskas, E. K., & Streimikiene, D. (2020). A systematic review of machine learning applications in construction and building materials. *Journal of Cleaner Production*, 258, 120-130. <https://doi.org/10.1016/j.jclepro.2020.120130>

- Ahmad, A., Ostrowski, K. A., Maślak, M., Farooq, F., Mehmood, I., & Nafees, A. (2021). *Comparative study of supervised machine learning algorithms for predicting the compressive strength of concrete at high temperature. Materials*, 14(15). <https://doi.org/10.3390/ma14154222>
- Aslam, F., Farooq, F., Amin, M. N., Khan, K., Waheed, A., Akbar, A., Javed, M. F., Alyousef, R., & Alabdulijabbar, H. (2020). *Applications of Gene Expression Programming for Estimating Compressive Strength of High-Strength Concrete. Advances in Civil Engineering*, 2020. <https://doi.org/10.1155/2020/8850535>
- Dogan, G., Arslan, M. H., & Ceylan, M. (2017). *Concrete compressive strength detection using image processing based new test method. Measurement: Journal of the International Measurement Confederation*, 109, 137–148. <https://doi.org/10.1016/j.measurement.2017.05.051>
- Fathur Rahman, F., Adi Prakoso, W., Tjahjono, E., Sentosa, B. O. B., & Orientilize, M. (2020). *Load-Displacement Response of Oil Palm Shell Concrete Compressive Test Using Digital Image Correlation. IOP Conference Series: Earth and Environmental Science*, 498(1). <https://doi.org/10.1088/1755-1315/498/1/012037>
- Golding, V. P., Gharineiat, Z., Munawar, H. S., & Ullah, F. (2022). *Crack Detection in Concrete Structures Using Deep Learning. Sustainability (Switzerland)*, 14(13). <https://doi.org/10.3390/su14138117>
- Nyathi, M. A., Bai, J., & Wilson, I. D. (2023). *Concrete Crack Width Measurement Using a Laser Beam and Image Processing Algorithms. Applied Sciences (Switzerland)*, 13(8). <https://doi.org/10.3390/app13084981>
- Nitin Patil, V., Milind Ujalambkar, D., Chikute, G. C., Gaikwad, P., Modak, P. R., & Chavhan, V. S. (2023). *Prediction of Compressive Strength of High Strength Concrete using Artificial Intelligence a*
- Polat, R., Yadollahi, M. M., Sagsoz, A. E., & Arasan, S. (2013). *The Correlation between Aggregate Shape and Compressive Strength of Concrete. International Journal of Structural and Civil Engineering Research*, 2(3), 62–80.

- Song, Y., Zhao, J., Ostrowski, K. A., Javed, M. F., Ahmad, A., Khan, M. I., Aslam, F., & Kinasz, R. (2022). *Prediction of compressive strength of fly-ash-based concrete using ensemble and non-ensemble supervised machine-learning approaches*. *Applied Sciences* (Switzerland), 12(1). <https://doi.org/10.3390/app12010361>
- Yu, G., Zhu, S., & Xiang, Z. (2024). *The Prediction of Pervious Concrete Compressive Strength Based on a Convolutional Neural Network*. *Buildings*, 14(4). <https://doi.org/10.3390/buildings14040907>
- Doğan, G., Özkiş, A., & Arslan, M. H. (2024). *A New Methodology Based on Artificial Intelligence for Estimating the Compressive Strength of Concrete from Surface Images*. *Ingenieria e Investigacion*, 44(1), 1–11. <https://doi.org/10.15446/ing.investig.99526>
- SNI 03-1974. (1990). Metode Pengujian Kuat Tekan Beton. *Sni 03-1974-1990*, 2–6.
- SNI 03-2417-1991. (1991). Metode Pengujian Keausan Agregat dengan Mesin Abrasi Los Angeles. *Balitbang PU*, 12(12), 1–5.
- SNI 03-1971-1990. (1990). Metode Pengujian Kadar Air Agregat. *Badan Standar Nasional Indonesia*, 27(5), 6889.
- SNI 03-1970. (1990). Metode Pengujian Berat Jenis Agregat Halus. *Bandung: Badan Standarisasi Indonesia*, 1–17