

## DAFTAR PUSTAKA

- Al-Qur'an dan Terjemahannya (2019), Kementrian Agama Republik Indonesia, Jakarta
- Alex Scriven, Data Scientist, Introducing Random Search Hyperparameter Tuning in Python.
- Ahmad, M.W., Reynolds, J. and Rezgui, Y. (2018) 'Predictive modelling for solar thermal energy systems: A comparison of support vector regression, random forest, extra trees and regression trees', *Journal of Cleaner Production*, 203, pp. 810–821. doi:10.1016/j.jclepro.2018.08.207.
- Ahmed, N. *et al.* (2021) 'Artificial Intelligence Techniques: Analysis, Application, and Outcome in Dentistry - A Systematic Review', *BioMed Research International*, 2021. doi:10.1155/2021/9751564.
- Ana, M., Dian, E., Agus, W., (2018) "Klasifikasi Penyakit Gigi Dan Mulut Menggunakan Metode Support Vector Machine", *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, vol.2, no. 2, pp. 802-810.
- Andri, P.P., Rahadian, K., (2019) 'Kajian Literatur Metode Sistem Pakar pada Penanganan Kesehatan Gigi dan Mulut', pp. 14–21.
- Babu, A., Andrew Onesimu, J. and Martin Sagayam, K. (2021) 'Artificial Intelligence in dentistry: Concepts, Applications and Research Challenges', *E3S Web of Conferences*, 297, p. 01074. doi:10.1051/e3sconf/202129701074.
- Budiarti, R., Kemenkes, D.J.K.G.P., 2014 Tingkat Keimanan Islam dan Status Karies Gigi Santri. *J. Heal. Qual*, 5, pp.1-8.
- Cantu, A.G. *et al.* (2020) 'Detecting caries lesions of different radiographic extension on bitewings using deep learning', *Journal of Dentistry*, 100(June), p. 103425. doi:10.1016/j.jdent.2020.103425.
- Catur S, S., Silalahi, P.R. and Mertisia, I. (2018) 'Prosedur Pembuatan Gigi Tiruan Sebagian Lepas Akriik Pada Gigi 2 Untuk Menggantikan Gigi Tiruan Sebagian Nonformal', *Jurnal Analis Kesehatan*, 6(2), p. 611. doi:10.26630/jak.v6i2.786.
- Chen, Y., Stanley, K. and Chen, Y. (2020) 'Corrigendum : Artificial intelligence in dentistry : Artificial intelligence in dentistry: current applications and future perspectives', 51(February), p. 43952. doi:10.3290/j.qi.a43952.
- Chung, S.W. Han, S.S.Lee et al., "Automated detection and classification of the proximal humerus fracture by using deep learning algorithm". *Acta Orthop*. 2018, 89, 468–473.
- Deshmukh, S. (2018) 'Artificial intelligence in dentistry', *Journal of the International Clinical Dental Research Organization*, 10(2), p. 47. doi:10.4103/jicdro.jicdro\_17\_18.

- Dyer, A.S. *et al.* (2022) ‘Applied machine learning model comparison: Predicting offshore platform integrity with gradient boosting algorithms and neural networks’, *Marine Structures*, 83(July 2021), p. 103152. doi:10.1016/j.marstruc.2021.103152.
- Fan, Z., Lauren J.O., (2020) 'Support vector regression', *Academic Press*, pp. 123-140, <https://doi.org/10.1016/B978-0-12-815739-8.00007-9>.
- Fathimah, H. (2020) “PENGETAHUAN, SIKAP DAN PERILAKU SANTRI TENTANG TUNTUNAN KESEHATAN GIGI MENURUT ISLAM”
- Geetha, V. *et al.* (2020) “Dental caries diagnosis in digital radiographs using back-propagation neural network,” *Health Information Science and Systems*, vol. 8, no. 1, p. 8.
- Ginting, L.M. *et al.* (2021) “Prediksi Indikator Perawatan Menggunakan Random Forest Classification dan Classification and Regression Trees” *Journal of Applied Technology and Informatics*, vol. 1, no.7, pp. 43-48.
- Gomez Rossi, J. *et al.* (2022) ‘Cost-effectiveness of Artificial Intelligence as a Decision-Support System Applied to the Detection and Grading of Melanoma, Dental Caries, and Diabetic Retinopathy’, *JAMA Network Open*, pp. 1–15. doi:10.1001/jamanetworkopen.2022.0269.
- Hung, M. *et al.* (2019) ‘Development of a recommender system for dental care using machine learning’, *SN Applied Sciences*, 1(7), pp. 1–12. doi:10.1007/s42452-019-0795-7.
- Javed, S. *et al.* (2020) “Development of artificial neural network model for prediction of post-streptococcus mutans in dental caries,” *Computer Methods and Programs in Biomedicine*, vol. 186, p. 105198.
- Kang, I.A. *et al.* (2022) ‘DCP: Prediction of Dental Caries Using Machine Learning in Personalized Medicine’, *Applied Sciences (Switzerland)*, 12(6). doi:10.3390/app12063043.
- Kemkes RI. Riset Kesehatan Dasar 2018. Jakarta: *Badan Penelitian dan Pengembangan Kesehatan Kementerian RI* 2018
- Khanagar, S.B. *et al.* (2021) ‘Application and performance of artificial intelligence technology in oral cancer diagnosis and prediction of prognosis: A systematic review’, *Diagnostics*, 11(6), pp. 1–12. doi:10.3390/diagnostics11061004.
- Kühnisch, J. *et al.* (2022) ‘Caries Detection on Intraoral Images Using Artificial Intelligence’, *Journal of Dental Research*, 101(2), pp. 158–165. doi:10.1177/00220345211032524.
- Kwon, O. *et al.* (2020) ‘Automatic diagnosis for cysts and tumors of both jaws on panoramic radiographs using a deep convolution neural network’, *Dentomaxillofacial Radiology*, 49(8). doi:10.1259/DMFR.20200185.
- Lee, D.W. *et al.* (2021) ‘Artificial intelligence in fractured dental implant detection and classification: Evaluation using dataset from two dental hospitals’, *Diagnostics*, 11(2).

doi:10.3390/diagnostics11020233.

- Lee, D.H. Kim, Jeong. S.N. *et al.* (2018) “Detection and diagnosis of dental caries using a deep learning-based convolutional neural network algorithm,” in *Journal of Dentistry*, eng, Ed., vol. 77, pp. 106–111.
- Lee, J. *et al.* (2018) ‘Lee, J. H. ve diğ., (2018). Diagnosis and prediction of periodontally compromised teeth using a deep learning-based convolutional neural network algorithm. *Journal of Periodontal and Implant Science*, 48(2), 114–123.’, 48(2), pp. 114–123.
- Leite, A.F. *et al.* (2020) ‘Radiomics and Machine Learning in Oral Healthcare’, *Proteomics - Clinical Applications*, 14(3), pp. 1–11. doi:10.1002/prca.201900040.
- MacHoy, M.E. *et al.* (2020) ‘The ways of using machine learning in dentistry’, *Advances in Clinical and Experimental Medicine*, 29(3), pp. 375–384. doi:10.17219/acem/115083.
- Maria, S., A. Naseer, Z. Filza, Q. Warisha, A. Maqsood, “Artificial Intelligence Techniques: Analysis, Application, and Outcome in Dentistry—A Systematic Review,” *BioMed Research International* 2021, Article ID 9751564, 15 pages <https://doi.org/10.1155/2021/9751564>
- Mustikasari, D, (2022). “Perancangan Sistem Prediksi Lebar Gigi Seri Berdasarkan Fitur Wajah Menggunakan Machine Learning”.
- Özdemir, H., & Köseoğlu, M. (2019). “*Relationship between different points on the face and the width of maxillary central teeth in a Turkish population*”. *Journal of Prosthetic Dentistry*, 122(1), 63–68. <https://doi.org/10.1016/j.prosdent.2018.11.006>
- Patil, S., Kulkarni, V. and Bhise, A. (2019) ‘Algorithmic analysis for dental caries detection using an adaptive neural network architecture’, *Heliyon*, 5(5), p. e01579. doi:10.1016/j.heliyon.2019.e01579.
- Paulino, P.R, Rocío, A.S., et al. (2018) ‘A Bayesian Genomic Regression Model with Skew Normal Random Errors’, *G3 Genes|Genomes|Genetics*, vol. 8, no. 5, pp. 1771–1785, <https://doi.org/10.1534/g3.117.300406>
- Pebriyanti, R., Suryani C., Indah, M. (2017), “Prosedur Pembuatan Gigi Tiruan Sebagai Lengan Akrilik Pada Gigi 2 Untuk Menggantikan Gigi Tiruan Sebagian Nonformal”, *Jurnal Analisis Kesehatan*, vol. 6, no. 2, pp. 611-615
- Puspitasari, A.M., Ratnawati, D.E. and Widodo, A.W. (2018) ‘Klasifikasi Penyakit Gigi Dan Mulut Menggunakan Metode Support Vector Machine’, *J-Ptiik*, 2(2), pp. 802–810. Available at: <http://j-ptiik.ub.ac.id>.
- Rahayu, C., Widiati, S., Niken Widyanti, dan, Kesehatan Kemenkes Tasikmalaya, et al., “Hubungan antara Pengetahuan, Sikap, dan Perilaku terhadap Pemeliharaan Kebersihan

Gigi dan Mulut dengan Status Kesehatan Periodontal Pra Lansia di Posbindu Kecamatan Indihiang Kota Tasikmalaya”, 2021

- Ruyi, X., Xinchun, C., *et al.* (2021) ‘Early diagnosis model of Alzheimer’s disease based on sparse logistic regression with the generalized elastic net’, *Biomedical Signal Processing and Control*, vol. 66, <https://doi.org/10.1016/j.bspc.2020.102362>.
- Schwendicke, F., Samek, W. and Krois, J. (2020) ‘Artificial Intelligence in Dentistry: Chances and Challenges’, *Journal of Dental Research*, 99(7), pp. 769–774. doi:10.1177/0022034520915714.
- Shan, T. *et al.* (2021) “Application of artificial intelligence in dentistry,” *Journal of Dental Research*, vol. 100, no. 3, pp. 232 –244.
- Shen, S. *et al.* (2021) ‘Machine learning assisted Cameriere method for dental age estimation’, *BMC Oral Health*, 21(1), pp. 1–10. doi:10.1186/s12903-021-01996-0.
- Staffa *et al.* (2019) ‘Quantile Regression and Its Applications: A Primer for Anesthesiologists, Anesthesia & Analgesia’, vol. 128, no. 4, pp. 820-830 doi: 10.1213/ANE.0000000000004017
- Takahashi, T. *et al.* (2021) ‘A system for designing removable partial dentures using artificial intelligence .’, 65, pp. 115–118.
- Talpur, S. *et al.* (2022) ‘Uses of Different Machine Learning Algorithms for Diagnosis of Dental Caries’, *Journal of Healthcare Engineering*, 2022(Cdc). doi:10.1155/2022/5032435.
- Tuzoff, D. V. *et al.* (2019) ‘Tooth detection and numbering in panoramic radiographs using convolutional neural networks’, *Dentomaxillofacial Radiology*, 48(4), pp. 1–10. doi:10.1259/dmfr.20180051.
- Vranckx, M. *et al.* (2020) ‘Artificial intelligence (Ai)-driven molar angulation measurements to predict third molar eruption on panoramic radiographs’, *International Journal of Environmental Research and Public Health*, 17(10). doi:10.3390/ijerph17103716.
- Welikala, R.A. *et al.* (2020) ‘Automated Detection and Classification of Oral Lesions Using Deep Learning for Early Detection of Oral Cancer’, *IEEE Access*, 8, pp. 132677–132693. doi:10.1109/ACCESS.2020.3010180.
- Xiaoxing, Y., Wushao, W. (2018) "Ridge and Lasso Regression Models for Cross-Version Defect Prediction," in *IEEE Transactions on Reliability*, vol. 67, no. 3, pp. 885-896, doi: 10.1109/TR.2018.2847353.