

DAFTAR PUSTAKA

- Abbasi, F., Tabesh, A., Yavari, A., Makaremi, R., Bizhani, O., Mahmood, M. 2023. Evaluation and relation of oral health- related quality of life and oral health status in thalassemia major patients, a cross-sectional study. *BMC Oral Health*. 23: 493.
- Adramerina, A., Economou, M. 2024. Challenges of iron chelation in thalassemic children. *Thalassemia Reports*. 14: 1–9.
- Akbarnejad, A.A., Mahjoub, S., Tamaddoni, A., Roudsari, J. M., Seyedmajidi, S. A., Ghasempour, M. 2022. Salivary oxidative stress, total protein, iron and pH in children with β -thalassemia major and their correlation with dental caries. *Journal of Dentistry Shiraz University of Medical Sciences*. 23(3): 266-271.
- Akhi, R., Nissinen, A. E., Wang, C., Kyrklund, M., Paju, S., Mantyla, P., Buhlin K., Sinisalo J., Pussinen, P. J., Horkko, S. 2020. Salivary IgA antibody to malondialdehyde-acetaldehyde associates with mild periodontal pocket depth. *Oral Diseases*. 28: 2285-2293.
- Alaydrus, S. R. M., Ridha, N. R., Alasiry, E., L. Amiruddin., H. Angriani, K. J., Satriono. 2023. Analysis of *malondialdehyde* levels in children with beta thalassemia: a cross-sectional study. *International Journal of Health Science & Medical*. 2(2): 76 – 84.
- Aliakbarpour, F., Mahjoub, S., Masrour-Roudsari, J., Seyedmajidi, S., Ghasempour, M. 2021. Evaluation of salivary thiobarbituric acid reactive substances, total protein, and pH in children with various degrees of early childhood caries: a case–control study. *European Archives of Pediatric Dentistry*. 22(6): 1095–1099.
- Alsyamy, A., Alomran, H., Almakrami, N., Nasif, A. A., Alomran, A., Alaidarous, H., Atallah, H., Boudal, E., Almubarak, L., Alhelali, A., Alghamdi, A. 2022. Role of ferritin in immunity, inflammation and malignancy. *Journal of Healthcare Sciences*. 2(11): 395-401.
- Amalia, R., Dedy, H., Yulianto., Rinastiti, M., Susanto, H., Suryani, I. R. 2021. *KARIES GIGI: Perspektif Terkini Aspek Biologis, Klinis, dan Komunitas*. UGM Press. Yogyakarta
- Amrollahi, N., Exhaei, Z., Kavousi, F. 2021. Salivary *malondialdehyde* level as a lipid peroxidation marker in early childhood caries. *Iran Journal Pediatrics*. 31(4): e113824.

- Antonelli, R., Massei, V., Ferrari, E., Gallo, M., Pertinhez, T.A., Vescovi, P., Pizzi, S., Meleti, M. 2024. Salivary diagnosis of dental caries: a systematic review. *Current Issues Molecular Biology*. 46(5): 4234–4250.
- Arora, A., Sathyaprasad, S. 2022. Oro-facial manifestations, oral health status and treatment needs in transfusion dependent children with β -thalassemia major: a cross-sectional study. *Malaysian Journal of Medicine and Health Science*. 18(2): 76-80.
- Asbaghi, O., Ghanavati, M., Larky, D. A., Bagheri, R., Kelishadi, M. R., Nazarian, B., Nordvall, M., Wong, A., Dutheil, F., Suzuki, K., Naeni, A. A. 2021. Effects of folic acid supplementation on oxidative stress markers: a systematic review and meta-analysis of randomized controlled trials. *Antioxidant*. 10 (871): 1-20.
- Atmakusuma, T. D., Nasution, I. R., Sutandyo, N. 2021. Oxidative stress (*malondialdehyde*) in adults beta thalassemia major and intermedia: comparison between before and after blood transfusion and its correlation with iron overload. *International Journal of General Medicine*. 14: 6455–6462.
- Atri, Y., Garg, N., Pathivada, L. Kaur, H., Yeluri, R. 2023. Association between serum iron, serum ferritin levels, and severe early childhood caries: a case–control study. *International Journal of Clinical Pediatric Dentistry*. 16(3): 288-292.
- Babu, V. N. S., Bhanushali, P. V. 2017. Evaluation and association of serum iron and ferritin levels in children with dental caries. *Journal of Indian Society of Pedodontics and Preventive Dentistry*. 35: 106-9.
- Baird, D.C., Batten, S.H., Sparks, S.K. 2022. Alpha and beta-thalassemia: rapid evidence review. *American Family Physician*. 105(3): 272-280.
- Bajwa H, Basit H. 2022. *Thalassemia*. StatPearls Publishing: Florida.
- Bargues, C., Escrivá, C., Dromant, M., Borrás, C., Viña, J. 2021. Lipid peroxidation as measured by chromatographic determination of *malondialdehyde*. Human plasma reference values in health and disease. *Archives of Biochemistry and Biophysics*. 709: 108941–108941.
- Basu, D., Adhya, D. G., Sinha, R., Chakravorty, N. 2021. Role of malonaldehyde as a surrogate biomarker for iron overload in the beta-thalassemia patient: A systematic meta-analysis. *Advances in Redox Research* 3. 100017: 1-10.
- Bensenjan, M. H., Haghpanah, S., Sayadi, M., Eghtedari, M. 2023. Correlation of serum ferritin level with heart T2 MRI in transfusion dependent thalassemia: a systematic review and meta-analysis. *Clinical Laboratory*. 69:1-12.

- Bergin, P., Legget, A., Cardwell, C. R., Woodside, J. V. Thakkinstian, A., Maxwell, A. P., Mckay, G. J. 2021. The effects of vitamin E supplementation on malondialdehyde as a biomarker of oxidative stress in haemodialysis patients: a systematic review and meta-analysis. *BMC Nephrology*. 22: 126.
- Betts, M., Flight, P.A., L. Paramore, C., Tian, L., D., Milenković, D., Sheth, S. 2020. Systematic literature review of the burden of disease and treatment for transfusion-dependent β -thalassemia. *Clinical Therapeutics*. 42(2): 322-337.
- Bhalodiya, V. R., Valiya, L. G., Mehta, N. A., Padhariya, B. B. 2023. Correlation of serum ferritin level in transfusion-dependant thalassemia major patients: a study at a medical college affiliated hospital in Gujarat region. *International Journal of Contemporary Pediatrics*. 10(3): 330-333.
- Bruzzese, A., Martino, E. A., Mendicino, F., Lucia, E., Olivito, V., Bova, C., Filippelli, G., Capodanno, I., Neri, A., Morabito, F., Gentile, M., Vigna, E. Iron chelation therapy. *European Journal of Haematology*. 110: 490-497.
- Cahyadi, A., Ugrasena, I. D. G., Andarsini, M. R., Larasati, M. C. S., Jauhari, R. M. Z., Arumsari, D. K. 2023. Relationship between serum feritin and growth status of pediatric transfusion dependent thalassemia. *Caspian Journal of Internal Medicine 2023 (Summer)*. 14(3): 425-432.
- Chaichompoo, P., Svasti, S., Smith, D. R. 2022. The roles of mitophagy and autophagy in ineffective erythropoiesis in-thalassemia. *International Journal of Molecular Science*. 23(10811): 1-19.
- Cruz, A., Argelia, M., Lopez-Martinez, F., Lourdes, H., Cesar, J., Guadalupe, F., Nereida, I., Manuel, J. 2023. A comparison of DMFT, ICDAS II and CAST. *International Journal of Applied Dental Sciences*. 9(3): 231–235.
- Dahlan, S.M. 2010. *Besar Sampel dan Cara Pengambilan Sampel*. Salemba Medika. Jakarta.
- Dahman, L. S., Sumaily, K. M., Sabi, E. M., Hassan, M. A., Thalab, A. M., Sayad, A. S., Kolaib, S. M., Alhadhrmi, F. M. 2022. A Comparative Study for Measuring Serum Feritin Levels with Three Different Laboratory Methods: Enzyme-Linked Immunosorbent Assay versus Cobas e411 and Cobas Integra 400 Methods. *Diagnostics*. 12(320): 1-12.
- Dewi, S. R., Septhimoranie, S., Muchzal, S. 2020. Correlation of saliva characteristics and caries in beta-thalassemia major patients. *Majalah Kedokteran Gigi Indonesia*. 6(2): 100-105.

- Dhote V, Thosar N, Baliga S. 2015. Evaluation of oral hygiene status and salivary biochemistry of patients with Thalassemia major: A clinical study. *Journal of Dental and Medical Sciences*. 14: 98-102.
- Farmakis, D., Porter, J., Taher, A., Cappellini, D., Angastiniotis, M., Eleftheriou, A. 2022. Thalassaemia international federation guidelines for the management of transfusiondependent thalassemia. *Hemasphere*. 6(8): e732.
- Farrokhnia, T., Shoorgashti, R., Sedeghian, M., Hasanzade, S., Lesan, S., Hesayati, M. 2024. Comparative analysis of serum and saliva iron, ferritin, and tbc in women with iron deficiency anemia: Highlighting saliva's screening potential. *Middle East Journal of Rehabilitation and Health Studies*. 11(4): e143955.
- Ferizi, L., Bimbashi, V., Kelmendi, J. 2022. Dental caries prevalence and oral health status among 15-year- old adolescents in Kosovo. *Acta Stomatologica Croatica*. 56(1): 42-49.
- Gudipaneni, R. K., Alkuwakibi, A. S. Ganji, K. K., Bandela, V., Karobari, M. I., Hsiao, C., Kulkarni, S., Thambar, S. 2022. Assessment of caries diagnostic thresholds of DMFT, ICDAS II and CAST in the estimation of caries prevalence rate in frst permanent molars in early permanent dentition—a cross-sectional study. *BMC Oral Health*. 22: 1-10.
- Haq, F. R., Mustofa, S., Himayani R. 2023. Talasemia beta: etiologi, klasifikasi, faktor risiko, diagnosis, dan tatalaksana. *Jurnal Kesehatan dan Agromedicine Unila*. 10(2): 19-26.
- Haririan, H., Andrukhov, O., Laky, M., Fan, X. R. 2021. Saliva as a source of biomarkers for periodontitis and periimplantitis. *Frontiers in Dental Medicine*. 2(687638): 1-9.
- Hemmatipour, A., Kikhaei, B., Jalkani, R., Ahmadnejad, M., Soleimanzadeh, F., Rokhafrooz, D. 2024. A Comparison between serum 25-hydroxyvitamin d3 levels and serum ferritin in children and adolescents with iron deficiency anemia, thalassemia minor, thalassemia major and healthy people. *Iranian Journal of Public Health*. 53(6): 1394.
- Hoffman, R., Benz, E.J., Silberstein, L.E., Heslop, H.E., Weitz, J.I., Anastasi, J., Salama, M.E., Abutalib, S.A. 2018. *Hematology Basic Principles and Practice*. Edisi 7. Elsevier: Phildelphia.
- Imamah, N., Ningsih, N. S., Abral. 2022. Perbedaan angka karies gigi berdasarkan waktu menyikat gigi. *Ahmar Metastatis Health Journal*. 1(4): 168-174.

- Isnanto., Maryam, H., Mahirawatie, I. C. 2021. Determinan status gizi pada status kesehatan gigi anak usia sekolah: Systematic literature review. *Journal of Dental Hygiene and Therapy*. 2(2): 62-71.
- Jaing ,T.H., Chang, T.Y., Chen, S.H., Lin, C.W., Wen, Y.C., Chiu, C.C. 2021. Molecular genetics of β -thalassemia. *Medicine*. 100(45): e27522.
- Kamiab, N., Kamalabadi, M. Y., Fathollahi, S. M. 2021. DMFT of the first permanent molars, dmft and related factors among all first-grade primary school students in rafsanjan urban area. *Journal of Dentistry Shiraz University of Medical Sciences*. 22(2):109-117.
- Kemenkes RI. 2019. Laporan Provinsi Jawa Tengah Riskesdas 2018. Badan Penelitian dan Pengembangan Kesehatan. Jakarta.
- Kementerian Kesehatan Republik Indonesia. 2015. *Panduan Rekam Medis Kedokteran Gigi*. Kementerian Kesehatan Republik Indonesia. Jakarta
- Kementerian Kesehatan Republik Indonesia. 2018. *Pedoman Nasional Pelayanan Kedokteran Tata Laksana Thalassemia*. Kementerian Kesehatan Republik Indonesia. Jakarta.
- Kementerian Kesehatan Republik Indonesia. 2022. *Pedoman Penanggulangan Talasemia*. Kementerian Kesehatan Republik Indonesia. Jakarta.
- Kumar A. 2023. Gingival recession: Narrow perception - erroneous; wider canvass - out-of-focus!. *Journal of Indian Society of Periodontology*. 27: 227-9.
- Kurniati, M., Eksa, D. R., Risnawati. 2020. Hubungan kepatuhan terapi kelasi dengan kadar feritin pada penderita talasemia mayor di RSUD H. Abdul Moeloek Provinsi Lampung. *Jurnal Ilmu Kedokteran dan Kesehatan*. 7(2): 433-442.
- Lal, A., Wong, T., Keel, S., Pagano, M., Chung, J., Kamdar, A., Rao, L., Ikeda, A., Puthenveetil, G., Shah, S., Yu, J., Vichinsky, E. 2021. The transfusion management of beta thalassemia in the United States. *Transfusion*. 3027–3039.
- Langer, A.L., Esrick, E.B. 2021 β -Thalassemia: evolving treatment options beyond transfusion and iron chelation. *Hematology*. (1):600-606.
- Laudenbach, J. M., Kumar, S.S. 2020. Common dental and periodontal diseases. *Dermatologic Clinics*. 38(4): 413–420.
- Lemaire, B., Frias, M. A., Golaz, O., Magnin, J. L., Viette, V., Vuilleumier, N., Abramowski, S. Feritin: a biomarker requiring caution in clinical decision. *Diagnostic*. 14, 386.

- Li, J., Zhang, K., Lu, Z. 2021. Prevalence and factors contributing to dental caries in 12–15- year- old school adolescents in northeast China. *BMJ Open*. 11: e044758.
- Machiulskiene, V., Campus, G., Carvalho, J., Dige, I., Ekstrand, K., Jablonski-Momeni, A., Maltz, M., Manton, D., Martignon, S., E. Martinez-Mier, A., Pitts, N., Schulte, A., Splieth, C. H., Tenuta, L., Zandona, F., Nyvad, B. 2019. Terminology of dental caries and dental caries management: consensus report of a workshop organized by ORCA and Cariology Research Group of IADR. *Caries Research*. 54(1): 7–14.
- Mahajan, A., Pawar, M., Tomer, G. Girish, P. V., Salama, M. T., Dupare, A. S. 2024. Prevalence of dental caries, oral health status, malocclusion status, and dental treatment needs in thalassemic children: A cross-sectional study. *Journal of Family Medicine and Primary Care*. 13: 5166-5170.
- Meleti, M., Quartieri, E., Antonelli, R., Pezzi, M. E., Ghezzi, B. Viani, M. V., Setti, G., Casali, E., Ferrari, E., Ciociola, T. 2020. Metabolic profiles of whole, parotid and submandibular/sublingual saliva. *Metabolites*. 10(318): 1-11.
- Misrawati, M., Marliah, M. 2021. Pengaruh pemberian tepung daun kelor pada ibu hamil terhadap kadar malondialdehid (MDA). *Jurnal Ilmiah Kesehatan Sandi Husada*. 10(1): 48-54.
- Nabi, A. T., Muttu, J., Chhaparwal, A., Mukhopadhyay, A., Pattnaik, S. J., Choundhary, P. 2022. Implications of β -thalassemia on oral health status in patients: A cross-sectional study. *Journal of Family Medicine and Primary Care*. 11(3): 1174-1178.
- Nair, K. S., Ramesh, A., Kumari, S. 2024. Eeffect of psychological stress on malondialdehyde levels in the saliva of postmenopausal women with chronic periodontitis. *Research Square (Research Square)*. 1-68.
- Nasiri, K. 2020. COVID-19 and the antiviral effect of saliva. *European Journal of Dentistry*. 14(S 01): 177–178.
- Neaimy, K., Alkhyatt, M., Jarjess, A. 2024. New insights of oxidative stress and thalassemia may lead to antioxidant therapy. *Pharmacogn*. 16(1): 202-204
- Neshat, F., Shirzaei, M., Shademan, S. 2020. Salivary total antioxidant and lipid peroxidation levels in passive smoking and nonsmoking adolescents. *Addict Health*. 12(3): 216:224.
- Nguyen, M., Dinis, M., Lux, R., Shi, W., Tran, N. C. 2022. Correlation between *Streptococcus mutans* levels in dental plaque and saliva of children. *Journal of Oral Science*. 64(4): 290-293.

- Nuraini, P., Wahluyo, S., Pradopo, S., Kuntari, S., Taqwim, A., Purba, Y.S., Pantouw, M.A.A. 2023. Effects of iron accumulation on dental caries, gingivitis, and candida albicans infection in children with beta thalassemia major: a narrative review. *Acta Medica Philippina*. 57(3): 1-6.
- Nurkhasanah., Bachri, M. S., Yuliani, S. 2023. *Antioksidan dan Stress Oksidatif*. UAD Press. Yogyakarta.
- Onur, D., Sadıkoğlu, S. C., Harputluoğlu, N., Özkan, B. 2024. Evaluation of serum vitamin B12 and D, iron, ferritin, folate, calcium, phosphorus and magnesium levels in children in palliative care clinic: a single-center cross-sectional study. *BMC Palliative Care*. 23: 218.
- Ovchinnikov, A. N., Paoli, A., Seleznev, V. V., Deryugina, A.V. 2022. Measurement of lipid peroxidation products and creatine kinase in blood plasma and saliva of athletes at rest and following exercise. *Journal of Clinical Medicine*. 11(3098): 1-13.
- Peric, T., Campus, G., Markovic, E., Petrovic, B., Soldatovic, I., Vukovic, A., Kilibarda, B., Vulovic, J., Markovic, J., Markovic, J., Markovic, D. 2022. Oral health in 12- and 15-year-old children in Serbia: A national pathfinder study. *International Journal of Enviromental Research and Public Health*. 19(12269): 1-13.
- Permatasari, T. D., Riyanti, R., Wisudanti, D. D. 2019. Hubungan antara kadar feritin dengan *malondialdehyde* pada pasien talasemia β mayor di RSD dr. Soebandi Jember. *e-Journal Pustaka Kesehatan*. 7(1): 52-57.
- Piperno, A., Pelucchi, S., Mariani, R. 2023. Hereditary hyperferritinemia. *International journal of molecular sciences*. 24(3): 2560–2560.
- Plays, M., Muller, S., Rodriguez. R. 2021. Chemistry and biology of ferritin. *Metallomics*. 13(5): 1-18.
- Pradhan, M., Suda, P. 2020. Evaluation of Clinicoradiological Orofacial Structures in Children with β -thalassemia Major. *Journal of South Asian Association of Pediatric Dentistry*. 3(1): 23-26.
- Priyatno, D. 2013. *Analisis Korelasi, Regresi, dan Multivariate dengan SPSS*. Penerbit Gava Media. Yogyakarta.
- Rachmatiah, T. Kimura, W. Kusmiati. 2021. aktivitas antioksidan ekstrak etanol, etil asetat bunga dan daun honje (*Etlingera elatior* (Jack) R.M. Sm) pada darah domba terinduksi tert- butil hidroperoksida (t-BHP). *Saintech Farma*. 14(2): 102-108.

- Ravikumar, D., Ramani, P., Gayathri, R. 2021. Comparative evaluation of salivary *malondialdehyde* levels in children with different caries status- a cross-sectional observational study. *Journal of Pharmaceutical Research International*. 33(42A): 147-154.
- Roberts, W. E., Mangum, J. E., Schneider, P. M. 2022. Pathophysiology of demineralization, part ii: enamel white spots, cavitated caries, and bone infection. *Current Osteoporosis Reports*. 20(1): 106–119.
- Rujito, L. 2019. *Talasemia: Genetik Dasar dan Pengelolaan Terkini*. Universitas Jenderal Soedirman. Purwokerto.
- Saefudin, R. P., Bintoro, S. U. Y., Mudjanarko, S. W. Savitri, M., Pradhevi, L., Vincent, A., Lusida, M. A. P., Fauzia, K. A. Relationship between Serum Ferritin Levels and Sarcopenia in Transfusion-Dependent Thalassemia Patient. *Biomolecular and Health Science Journal*. 7: 125-31.
- Sauce, R., Sales, A., Ayala-Jara, C., Prieto, Z. A., Valéria, M., Baby, A. R. 2021. Preliminary protocol development of a HPLC-TBARS-EVSC (ex vivo stratum corneum) assay for skin research: application in a sunscreen system. *Scientia pharmaceutica*, 89(2): 17–17.
- Shah, F. T., Sayani, F., Trompeter, S., Drasar, E., Piga, A. 2019. Challenges of blood transfusions in β -thalassemia. *Blood Reviews*. 37(100588): 1-13
- Shahid, Z., Hassan, S., Ghazanfar, S., Kaneez, M., Khan, M. S., Tariq, H. T., Jawad, A., Shuaib, A., Bhatti, A. A., Razzaq, M. T. 2021. Investigating the role of ferritin in determining sexual underdevelopment in beta-thalassemia major patients: a cross-sectional analysis from Pakistan. *Cureus*. 13(6): e15572.
- Shakir, A. A., Hussein, A. M. H. A. 2021. Measurement the levels of catalase activity, malondialdehyde and ferritin in beta-thalassemia major patient. *Medico-legal Update*, 21(2): 22-26.
- Sharifi, R., Tabarzadi, M. F., Choubsaz, P., Sadeghi, M., Tadakamadla, J., Brand, S., Bahmani, D. S. 2021. Evaluation of serum and salivary iron and ferritin levels in children with dental caries: A meta-analysis and trial sequential analysis. *Children*. 8(1034): 1-13.
- Shooriabi, M., Zareyee, A., Gilavand, A., Mansoori, B., Dehdezi, B. K. 2016. Investigating DMFT indicator and its correlation with the amount of serum ferritin and hemoglobin in students with beta thalassemia major in Ahvaz, South West of Iran. *International Journal of Pediatrics*. 4(27): 1519-1527.
- Situmorang, N., Zumham. 2020. *Malondialdehyde* (MDA). *Jurnal Keperawatan dan Fisioterapi*. 2(2): 117-123.

- Sivaranjani, S., Annasamy, R., Krishnan, R., Mahalingam, R., Arunachalam, P. 2022. Evaluating the role of salivary oxidative stress marker malondialdehyde in dental caries—A comparative study. *Journal of Indian Academy of Oral Medicine and Radiology*. 34(4): 390–390.
- Soesilawati, P. 2020. *Imunogenetik Karies Gigi*. Airlangga University Press. Surabaya.
- Spatafora, G., Li, Y., He, X., Cowan, A., Tanner, A. C.R. 2024. The evolving microbiome of dental caries. *Microorganisms*. 12(1): 1-45.
- Stoical, A. M., Stoica, O. E., Vlasa, A., Bica, C. I., Beresescu, L., Veres, Z. B., Monea, M. D. Biochemical analysis of salivary malondialdehyde levels in 14-15-year-old adolescents with oral pathology. *Romanian Journal of Oral Rehabilitation*. 16(4): 154-163.
- Suryoadji, K. A., Alfian, I. M. 2021. Patofisiologi gejala penyakit thalasemia beta : a narrative review. *Khazanah: Jurnal Mahasiswa*. 13(2): 56–60.
- Tawfik, Y. M. K., Billingsley, H. Bhatt, A. S., Aboelsaad, I., Khezi, O. S., A. Lutsey, P. L., Buckley, L. F. 2024. Absolute and Functional Iron Deficiency in the US, 2017-2020. *Jama Network*. 7(9):2433126.
- Tembhurne, S., Malagi, S.K., Abraham, D. V., Pandaw, K. S, Mahato, A., Agrawal, P. 2024. Comparative evaluation of salivary ferritin levels as a predictor inflammatory biomarker before and after non surgical periodontal therapy- an interventional Study. *Journal of Pharmacy and Bioallied Sciences*. 16:S3266-S3268.
- Turgeon, M.L. 2018. *Clinical Hematology*. Edisi 6. Wolters Kluwer. Philadelphia.
- Usman, F. Pariati, N., Aulyah, D. R., Nurhaedah, N., Sartika. D. 2024. Pengetahuan menggosok gigi dan karies gigi : studi kasus di SDN Batulaccu. *Media Kesehatan Gigi Politeknik Kesehatan Makassar*. 23(1): 63–69.
- Veljovic, T., Djuric, M., Mirnic, J., Gusic, I., Maletin, A., Ramic, B., Neskovic, I., Vukoje, K., Brkic, S. 2022. Lipid peroxidation levels in saliva and plasma of patients suffering from periodontitis. *Journal of Clinical Medicine*. 11(3617): 1-13.
- Viglianisi, G., Tartaglia, G. M., Santonocito, S., Amato, M., Polizzi, A., Mascitti, M., Isola, G. The emerging role of salivary oxidative stress biomarkers as prognostic markers of periodontitis: new insights for a personalized approach in dentistry. *Journal of Personalized Medicine*. 13(166): 1-18.
- Wagle, M., Basnet, P., Vartun, A., Acharya, G. 2021. Nitric oxide, oxidative stress and Streptococcus mutans and Lactobacillus bacterial loads in saliva during

- the different stages of pregnancy: A longitudinal study. *International Journal of Enviromental Research and Public Health*. 18(9330): 1-12.
- Wardoyo, R. A. G., Qomariyah, N., Purnama, E. R. 2023. Pengaruh ekstrak daun belimbing wuluh terhadap kadar malondialdehid dan waktu koagulasi menciit diabetes. *LenteraBio*. 12(1): 1-8.
- WHO. 2013. *Oral Health Survey Basic Methods*. 5th edition. World Health Organization Press. Switzerland.
- Wong, K., Enax, J., Meyer, F., Bozec, L., Ganss, B. 2023. Development of an in vitro protocol to induce artificial white spot lesions and their characterization using optical coherence tomography and micro CT. *Research Square (Research Square)*. 1-17.
- Wowor, V. N. S., Mariati, N. J., Kalalo, M. J. 2024. Hubungan dukungan orang tua pada kesehatan gigi mulut anak dan status kebersihan mulut. *E-Gigi*. 12(1): 117-124.
- Yadav, P. K., Singh, A. K. 2022. A review of iron overload in beta-thalassemia major, and a discussion on alternative potent iron chelation targets. *Plasmatology*. 16: 1-9.
- Yani, R. W. E., Bramantoro, T., Wahyuningtyas, F., dan Islaamy, T. Z. 2020. The correlation between dental caries and serum iron (Fe) in female students of mamba'ul khoiriyatil islamiyah madrasa in Jember, East Java, Indonesia. *Dental Journal*. 53 (3) : 153-158.
- Yunitaningrum, U., Kusharto, C. M., Roosita, K. 2023. Efek makanan formula cair nano berbahan tepung lele dan kelor terhadap stres oksidatif dan pengurangan luas luka bakar pada tikus. *Media Gizi Indonesia*. 18(1): 63-73.
- Yuslianti, E. R., Sutjiatmo, A. B., Muzaky, R. F., Zhafarina, M. Radani, A. H. 2022. Levels of salivary malondialdehyde in traumatic ulcer patients. *Journal of Dentomaxillofacial Science*. 7(1): 9-13.