

DAFTAR PUSTAKA

- Agustin, N., Maryani, I. , & Mardati, A. (2021). *Peran guru dalam membentuk karakter siswa (Antologi esai mahasiswa pendidikan guru sekolah dasar)*. UAD Press.
- Ajzen, I. (2019). *TPB Questionnaire Construction 1 CONSTRUCTING A THEORY OF PLANNED BEHAVIOR QUESTIONNAIRE*.
<https://doi.org/http://people.umass.edu/~ajzen/pdf/tpb.measurement.pdf>
- Akera, P., Kennedy, S. E., Obwolo, M. J., Schutte, A. E., Lingam, R., & Richmond, R. (2022). Primary school teachers' contributions to oral health promotion in urban and rural areas of the Gulu District, Northern Uganda: A qualitative study. *BMC Oral Health*, 22(1), 1–14. <https://doi.org/10.1186/s12903-022-02239-6>
- Alvarez, V., Ternier, S., FitzGerald, E., Smith, C., Tabuenca, B., & Specht, M. (2012). Mobile augmented reality for education. *CEUR Workshop Proceedings*, 955, 1–8.
- Anderson, L.W., & Krathwohl, D.R. (Eds.). (2001). *A Taxonomy for Learning, Teaching, and Assessing: A Revision of Bloom's Taxonomy of Educational Objectives* (Edisi 1). New York: Longman. ISBN: 080131903X.
- Anwar, A. I. (2019). *Buku ajar ilmu kesehatan gigi masyarakat: Teori dan praktik penyuluhan*. EGC.
- Azwar, S. (2022). *Sikap manusia: Teori dan pengukurannya* (Edisi 3). Pustaka Pelajar.
- Badan Pusat Statistik Kabupaten Nganjuk. (2025). *Nganjuk Regency in Figures 2025*. BPS Kabupaten Nganjuk.
- Baiju, R., Peter, E., Varghese, N., & Sivaram, R. (2017). Oral health and quality of life: Current concepts. *J Clin Diagn Res*, 11(6), ZE21–ZE26.
- Bandura, A. (1986). *Social Foundations of Thought and Action: A Social Cognitive Theory*. Prentice-Hall.
- Beil, H., Rozier, R. G., & Preisser, J. S. (2014). Receipt of preventive dental services among children enrolled in Medicaid by race/ethnicity. *J Public Health Dent*, 74(3), 185–192.
- Boustedt, K., Dahlgren, J., Twetman, S., & Roswall, J. (2020). Tooth brushing habits and prevalence of early childhood caries: a prospective cohort study. *Eur Arch Paediatr Dent*, 21(1), 155–159. <https://doi.org/10.1007/s40368-019-00463-3>

- Brown, J., & M. M. Rahman, S. (2018). Reminder System Intervention for Increasing Breast Cancer Knowledge and Screening among Underserved Women in a Community Setting. *Univ J Public Health*, 6(4), 190–197. <https://doi.org/10.13189/ujph.2018.060404>
- Broadbent, J. M., Zeng, J., Foster Page, L. A., Baker, S. R., & Ramrakha, S. (2016). Oral health-related beliefs, behaviors, and outcomes through the life course. *J Dent Res*, 95(7), 808–813.
- Chala, S., et al. (2018). Knowledge, attitudes and self-reported practices toward children oral health among mothers. *BMC Public Health*, 18(1), 618. <https://doi.org/10.1186/s12889-018-5542-2>
- Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (2nd ed.). Hillsdale, NJ: Lawrence Erlbaum Associates.
- Deshmukh, S., Mahesh, A., & Dey, S. (2024). Impact of Augmented Reality Guided Toothbrushing on Oral Hygiene Parameters Among 6 – 8 Years-old Children: A Pilot Trial. *Pesqui Bras Odontopediatr Clín Integr*, 24, Article e24. <https://doi.org/10.1590/pboci.2024.089>
- Dinas Kesehatan Kabupaten Nganjuk. (2025). *Penyuluhan kesehatan masyarakat*. Nganjuk: Dinas Kesehatan Kabupaten Nganjuk.
- Donahoe, J. W., & Palmer, D. C. (1988). The behavior of organisms - Skinner , BF years earlier in The Behavior of Organisms. *J Exp Anal Behav*, 50(2), 333–341.
- Duhigg, C. (2012). *The power of habit: Why we do what we do in life and business*. Random House.
- Duijster, D., te Poel, F., van Strijp, A. J. P., Verhoeff, A., & Verrips, G. H. W. (2015). Parental and family-related influences on dental caries in children: A systematic review. *J Dent*, 43(9), 1029–1041.
- Dzyuba, N., Jandu, J., Yates, J., & Kushnerev, E. (2022). Virtual and augmented reality in dental education: The good, the bad and the better. *Eur J Dent Educ*, <https://doi.org/10.1111/eje.12871>
- Ernsting, C., Dombrowski, S. U., Oedekoven, M., O’Sullivan, J. L., Kanzler, E., Kuhlmei, A., & Gellert, P. (2017). Using smartphones and health apps to change and manage health behaviors: A population-based survey. *J Med Internet Res*, 19(4), e70. <https://doi.org/10.2196/jmir.6838>
- Fertman, C. I. , & Allensworth, D. D. (2010). *Health promotion programs: From theory to practice*. Jossey-Bass, A Wiley Imprint.

- GBD 2019 Diseases and Injuries Collaborators. (2020). Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: A systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 396 (10258), 1204-1222. [https://doi.org/10.1016/S0140-6736\(20\)30925-9](https://doi.org/10.1016/S0140-6736(20)30925-9)
- Greenwood, A. T., & Wang, M. (2018). Augmented reality and mobile learning: Theoretical foundations and implementation. In *Mobile Learning and Higher Education: Challenges in Context*. <https://doi.org/10.4324/9781315296739>
- Green, L. W., & Kreuter, M. W. (2005). *Health program planning: An educational and ecological approach* (4th ed.). McGraw-Hill.
- Guy-Evans, O. (2024). Bronfenbrenner's Ecological Systems Theory. *Simply Psychology*. <https://www.simplypsychology.org/Bronfenbrenner>
- Hammouri, E. H., Mustafa, A. T., Jaradat, T. F., Ghazlan, M. M., Bani Salman, M. Y., Ersheidat, A. A., & Nawasra, I. M. (2024). Exploring Jordanian children and parents' awareness, behavior, and perception of pediatric oral health. *BMC Oral Health*, 24(1), 1–9. <https://doi.org/10.1186/s12903-023-03838-7>
- Hakami, Z. (2021). Comparison between virtual and traditional learning methods for orthodontic knowledge and skills in dental students. *Healthcare*, 9(9), 1092. <https://doi.org/10.3390/healthcare9091092>
- Halid, I., Gumilar, M. S., & Riyadi, S. (2025). Upaya Edukasi Kesehatan Gigi Berbasis Virtual Reality pada Anak di Desa Kasang Pudak. *GEMAKES: Jurnal Pengabdian Kepada Masyarakat*.
- Hapsari, G. I., Mutiara, G. A., & Chaidir, R. (2022). Dental health education game based-on IRVO model in augmented reality technology. *J Infotel*, 14(2), 108–115. <https://doi.org/10.20895/infotel.v14i2.760>
- Haq, A J., Splieth, C. H., Mourad, M. S., Vielhauer, A., Abdulrahim, R., Khole, M. R., & Santamaría, R. M. (2023). Digital Application for Promoting Evidence-Based Children's Oral Health to Control Early Childhood Caries: Randomized Control Trial on Parental Acceptance and Efficacy. *J Clin Med*, 12(7). <https://doi.org/10.3390/jcm12072680>
- Hikmah, N. (2019). *Perkembangan peserta didik sekolah dasar*. CV Kaaffah Learning Center.
- Hooley, M., Skouteris, H., Boganin, C., Satur, J., & Kilpatrick, N. (2012). Parental influence and the development of dental caries in children aged 0-6 years: A systematic review of the literature. *J Dent* 40(11), pp. 873–885. <https://doi.org/10.1016/j.jdent.2012.07.013>
- Hurlock, E. B. (1978). *Child development* (M. Meitasari Tjandrasa, Trans.) (6th ed). McGraw-Hill.

- Ihab, M., Abdelaziz, W. E. E. D., Hassan, W., & El Tantawi, M. (2023). Development and acceptability of behavioral interventions promoting mothers' brushing of pre-school children's teeth: The preparation phase of the multi-phase optimization strategy framework. *BMC Oral Health*, 23(1), 1–11. <https://doi.org/10.1186/s12903-023-03351-x>
- Irwan. (2017). *Etika dan Perilaku Kesehatan*. CV. Absolute Media.
- Jager, K. J., Zoccali, C., MacLeod, A., & Dekker, F. W. (2008). Confounding: What it is and how to deal with it. *Kidney Int*, 73(3), 256–260. <https://doi.org/10.1038/sj.ki.5002650>
- Jeon, B., Oh, J., & Son, S. (2021). Effects of tooth brushing training, based on augmented reality using a smart toothbrush, on oral hygiene care among people with intellectual disability in Korea. *Healthcare* 9(3). <https://doi.org/10.3390/healthcare9030348>
- Jevdjevic, M., & Listl, S. (2025). Global, regional, and country-level economic impacts of oral conditions in 2019. *J Dent Res*, 104(1), 17–21. <https://doi.org/10.1177/00220345241281698>
- Karamehmedovic, E., Bajric, E., & Virtanen, J. I. (2021). Oral health behaviour of nine-year-old children and their parents in Sarajevo. *Int J Environ Res Public Health*, 18(6), 1–11. <https://doi.org/10.3390/ijerph18063235>
- Kashani, K., Shahravan, A., & Sarafinejad, A. (2024). Evaluating the effectiveness of web-based oral health education on enhancing mothers' awareness: a semi-experimental internet-based intervention. *BMC Oral Health*, 24(1). <https://doi.org/10.1186/s12903-024-05070-3>
- Kementerian Kesehatan RI. (2019). Laporan Provinsi Jawa Timur RISKESDAS 2018. *Kementerian Kesehatan Republik Indonesia*.
- Kljun, M., Geroimenko, V., & Čopič Pucihar, K. (2020). Augmented Reality in Education: Current Status and Advancement of the Field. *Springer Series on Cultural Computing*, May, 3–21. https://doi.org/10.1007/978-3-030-42156-4_1
- Knowles, M. S. (1975). *Self-directed learning: A guide for learners and teachers*. Chicago, IL: Follett Publishing Company.
- Koch, G. , P. S. (2009). *Pediatric dentistry: A clinical approach* (2nd ed.). Wiley-Blackwell.
- Kusumawardhani, N., et al. (2020). Pengaruh penghasilan keluarga terhadap K3G ibu TK. *Bali Dental Journal*, 3(1), 12-19.

- Lally, P., van Jaarsveld, C. H., Potts, H. W., & Wardle, J. (2010). How are habits formed? Modeling habit formation in the real world. *Eur J Soc Psychol*, 40(6), 998–1009. <https://doi.org/10.1002/ejsp.674>
- Lampropoulos, G., & Kinshuk. (2024). Virtual reality and gamification in education: a systematic review. *Educ Technol Res Dev*, 72, 1691–1785. <https://doi.org/10.1007/s11423-024-10351-3>
- Lemeshow, S., Lwanga, S.K., & Kessler, W.D. (1990). *Sample Size Determination in Health Studies: A Practical Manual*. World Health Organization, Geneva.
- Luai, A. F., Malek, A. A., Hassan, E. H., Sabri, B. A. M., & Radzi, N. A. M. (2024). Effectiveness of immersive technologies in oral health promotion and education: A systematic review. *J Dent*, 150. <https://doi.org/10.1016/j.jdent.2024.105324>
- Mahendra, D., Jaya, I. M. M., & Lumban, A. M. R. (2019). Buku Ajar Promosi Kesehatan. *Program Studi Diploma Tiga Keperawatan Fakultas Vokasi UKI*, 1–107.
- Maula, A., Sunarjo, L., & Santoso, B. (2023). The Augmented Reality Book Model as an Educational Media in Improving Dental Health Maintenance Behavior for Parents and Dental Hygiene Status in Pre. *IJISRT*, 8(1), 2320–2340. [https://www.ijisrt.com/assets/upload/files/IJISRT23JAN1613_\(1\).pdf](https://www.ijisrt.com/assets/upload/files/IJISRT23JAN1613_(1).pdf)
- Mayer, R. E. (2024). The past, present, and future of the cognitive theory of multimedia learning. *Educ Psychol Rev*, 36(8). <https://doi.org/10.1007/s10648-023-09842-1>
- McLeod, S. A. (2024). *Piaget's theory of cognitive development*. Simply Psychology. <https://www.simplypsychology.org/piaget.html>
- Melo, P., Malone, S., Rao, A., & Fine, C. (2020). A 21-day school-based toothbrushing intervention in children aged 6 to 9 years in Indonesia and Nigeria: Protocol for a two-arm superiority randomized controlled trial. *JMIR Res Protoc*, 9(2), 1–10. <https://doi.org/10.2196/14156>
- Moses, J., & Arunachalam, S. K. (2018). Knowledge, Attitude, and Practice of Mothers regarding Oral Hygiene of Primary School children in Chennai, Tamil Nadu, India. *International Journal of Clinical Pediatric Dentistry*, 11(4), 338–343. <https://doi.org/10.5005/jp-journals-10005-1535>
- Nikolopoulou, K. (2023). What Is a Ceiling Effect? | Definition & Examples. Scribbr. <https://www.scribbr.com/research-bias/ceiling-effect/>. Diakses pada 12 November 2025.

- Nowak, A. J., Christensen, J. R. , Mabry, T. R. , Townsend, J. A. , & Wells, M. H. (2019). *Pediatric Dentistry: Infancy Through Adolescence* (6th Edition). Elsevier.
- Paivio, A. (1991). Dual coding theory: Retrospect and current status. *Canadian Journal of Psychology/Revue canadienne de psychologie*, 45(3), 255–287. <https://doi.org/10.1037/h0084295>
- Phanthavong, S., Nonaka, D., Phonaphone, T., Kanda, K., Sombouaphan, P., Wake, N., Sayavong, S., Nakasone, T., Phongsavath, K., & Arasaki, A. (2019). Oral health behavior of children and guardians' beliefs about children's dental caries in Vientiane, Lao People's Democratic Republic (Lao PDR). *PLoS ONE*, 14(1), 1–10. <https://doi.org/10.1371/journal.pone.0211257>
- Piaget, J. (1966). *The psychology of the child*. New York: Basic Books.
- Pratiwi, N. K. A. D. (2023). Hubungan usia ibu dengan perilaku kesehatan gigi anak. *Repository ITEKES Bali*. https://repository.itekes-bali.ac.id/medias/journal/Ni_Kadek_Ary_Dian_Pratiwi.pdf
- Priyatno, D. (2014). *SPSS 22: Pengolahan data terpraktis*. Yogyakarta: CV Andi Offset.
- Rachmawati, C. W. (2019). *Promosi kesehatan dan ilmu perilaku*. Wineka Media.
- Rahmasari, S., Arini, M., & Khairani, R. (2024). Assessing the potential impact of an oral health education package integrated with augmented reality in improving oral health knowledge in children: a pre-post study design. *Padjadjaran Journal of Dentistry*, 36(2), 270–283. <https://doi.org/10.24198/pjd.vol36no2.56184>
- Rajeh, M. T. (2022). Modeling the theory of planned behavior to predict adults' intentions to improve oral health behaviors. *BMC Public Health*, 22(1), 1–9. <https://doi.org/10.1186/s12889-022-13796-4>
- Riolina, A. (2017). Peran Guru Dalam Meningkatkan Kesehatan Gigi Dan Mulut Siswa Di Sekolah Dasar. *Jurnal Ilmu Kedokteran Gigi*, 1(2), 51. <https://journals.ums.ac.id/index.php/jikg/article/view/5619>
- Romalee, W., Tsai, F. T., Hsu, Y. C., Hsu, M. L., & Wang, D. H. (2024). Effectiveness of mobile augmented reality–integrated oral health education for community-dwelling older adults: A randomized controlled trial. *Archives of Gerontology and Geriatrics*, 117(155), 105277. <https://doi.org/10.1016/j.archger.2023.105277>
- Rozana, S. , Wulan, D. S. A. , & Rini. (2020). *Pengembangan kognitif anak usia dini (Teori dan praktik)*. . EDU PUBLISHER.

- Santrock, J. W. (2007). *Perkembangan anak* (M. Rachmawati & A. Kuswanti, Trans.) (Edisi pertama, Ed.). Erlangga.
- Saputri, C. D. A., Hanindriyo, L., & Setyawati, D. (2023). Pengaruh implementasi program edukasi berbasis aplikasi Augmented Reality terhadap perilaku kesehatan gigi orang tua dan anak serta status kebersihan gigi dan mulut anak usia 5–8 tahun di Kota Yogyakarta. *Tesis*, Program Studi Magister Ilmu Kedokteran Gigi, Universitas Gadjah Mada). Universitas Gadjah Mada
- Sari, N. P., et al. (2021). Hubungan tingkat pendidikan ibu dengan pengetahuan kesehatan gigi anak usia sekolah. *Jurnal Ilmu Kesehatan Gigi*, 5(2), 45-52. <http://apps.poltekkestasikmalaya.ac.id/index.php/jikg/article/view/771>
- Shokravi, M., Khani-Varzgan, F., Asghari-Jafarabadi, M., Erfanparast, L., & Shokrvash, B. (2023). The Impact of Child Dental Caries and the Associated Factors on Child and Family Quality of Life. *International Journal of Dentistry*, 2023.
- Sriprakash, A. (2012). Principles of Instruction. *Pedagogies for Development*, 109–125. https://doi.org/10.1007/978-94-007-2669-7_7
- Tan, C. Y., Pan, Q., Zhang, Y., Lan, M., & Law, N. (2022). Parental home monitoring and support and students' online learning and socioemotional well-being during COVID-19 school suspension in Hong Kong. *Frontiers in Psychology*, 13, 916338. <https://doi.org/10.3389/fpsyg.2022.916338>
- Trubey, R. J., Moore, S. C., & Chestnutt, I. G. (2015). Children's toothbrushing frequency: The influence of parents' rationale for brushing, habits and family routines. *Caries Research*, 49(2), 157–164. <https://doi.org/10.1159/000365152>
- Urlings, J., Sezer, S., ter Laan, M., Bartels, R., Maal, T., Boogaarts, J., & Henssen, D. (2022). The role and effectiveness of augmented reality in patient education: A systematic review of the literature. In *Patient Education and Counseling* (Vol. 105, Issue 7, pp. 1917–1927). Elsevier Ireland Ltd. <https://doi.org/10.1016/j.pec.2022.03.005>
- Vangipuram, S., Jha, A., Raju, R., & Bashyam, M. (2016). Effectiveness of peer group and conventional method (Dentist) of oral health education programme among 12-15 year old school children - A randomized controlled trial. *Journal of Clinical and Diagnostic Research*, 10(5), ZC125–ZC129. <https://doi.org/10.7860/JCDR/2016/17725.7844>
- Vygotsky, L. S. (1978). *Mind in society: The development of higher psychological processes*. Harvard University Press.

- Wagner, Y., & Heinrich-Weltzien, R. (2017). Risk factors for dental problems: Recommendations for oral health in infancy. *Early Hum Dev*, 114, 16–21. <https://doi.org/10.1016/j.earlhumdev.2017.09.009>
- Weinberg, C. R. (1993). Toward a clearer definition of confounding . *American Journal of Epidemiology*, 137(1), 1–8. <https://doi.org/10.1093/oxfordjournals.aje.a116591>
- World Health Organization. (2003). WHO Information Series on School Health. *Education Development Center, Inc.*, 1–65.
- World Health Organization. (2022). Global oral health status report. In *Who*, (Vol. 57, Issue 2).
- World Health Organization. (2023). *Prevalence of untreated caries of deciduous teeth in children 1-9 years*. *Global Health Observatory*. <https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-untreated-caries-of-deciduous-teeth-in-children-1-9-years>
- World Health Organization. (2024). *Oral health*. <https://www.who.int/news-room/fact-sheets/detail/oral-health>
- Wulandari, E., et al. (2022). Faktor sosial ekonomi terhadap perilaku menyikat gigi ibu dan anak. *Jurnal Kesehatan Masyarakat Nasional*, 17(1), 33-41.
- Zheng, S., Zhao, L., Ju, N., Hua, T., Zhang, S., & Liao, S. (2021). Relationship between oral health-related knowledge, attitudes, practice, self-rated oral health and oral health-related quality of life among Chinese college students: a structural equation modeling approach. *BMC Oral Health*, 21(1), 1–11. <https://doi.org/10.1186/s12903-021-01419-0>