DA FTAR PUSTAKA

[1] "COVID-19 Dashboard," *John Hopkins Coronavirus Resource Center*, Agustus 2021. https://coronavirus.jhu.edu/map.html (Diakses 5 September 2021)

[2] "Indonesia's Covid-19 Death Toll Tops 100,000," *Indonesia's Covid-19 Death Toll Tops 100,000*, Agustus 2021. https://jakartaglobe.id/news/indonesias-covid19-death-toll-tops-100000/

[3] J. W. Tang *dkk.*, "Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2)," *J. Hosp. Infect.*, vol. 110, hlm. 89–96, Apr 2021, doi: 10.1016/j.jhin.2020.12.022.

[4] C. D. Lytle dan J.-L. Sagripanti, "Predicted Inactivation of Viruses of Relevance to Biodefense by Solar Radiation," *J. Virol.*, vol. 79, no. 22, hlm. 14244–14252, Nov 2005, doi: 10.1128/JVI.79.22.14244-14252.2005.

[5] B. D. Wilson, S. Moon, dan F. Armstrong, "Comprehensive Review of Ultraviolet Radiation and the Current Status on Sunscreens," vol. 5, no. 9, hlm. 6, 2012.

[6] M. Buonanno, D. Welch, I. Shuryak, dan D. J. Brenner, "Far-UVC light (222 nm) efficiently and safely inactivates airborne human coronaviruses," *Sci. Rep.*, vol. 10, no. 1, hlm. 10285, Des 2020, doi: 10.1038/s41598-020-67211-2.

[7] J. R. Bolton dan C. A. Cotton, *The ultraviolet disinfection handbook*, 1st ed. Denver, CO: American Water Works Association, 2008.

[8] D. VanOsdell, "DEFINING THE EFFECTIVENESS OF UV LAMPS," hlm. 49.

[9] Z. Qureshi dan M. Yassin, "Role of Ultraviolet (UV) Disinfection in Infection Control and Environmental Cleaning.," *Infect. Disord. Drug Targets*, vol. 13, Agu 2013, doi: 10.2174/1871526511313030007.

[10] W. J. Kowalski, *Aerobiological engineering handbook: a guide to airborne disease control technologies*. New York: McGraw-Hill, 2006.

[11] W. Suryaningsih dan B. Hariono, "RANCANG BANGUN alat sterilisasi non thermal metode PULSA ULTRAVIOLET UNTUK karkas ayam," hlm. 7, 2016.

[12] A. B. Wijatna, Y. F. Luckyarno, M. M. Waruwu, dan R. Wijaya, "THE STUDY OF THE EFFECTS OF THE ULTRAVIOLET RADIATION ON TOFU AS A SKIN TISSUE MIMICKING MATERIAL," vol. 14, hlm. 11, 2019.

[13] N. Storm *dkk.*, "Rapid and complete inactivation of SARS-CoV-2 by ultraviolet-C irradiation," *Sci. Rep.*, vol. 10, no. 1, hlm. 22421, Des 2020, doi: 10.1038/s41598-020-79600-8.

[14] J. Sagripanti dan C. D. Lytle, "Estimated Inactivation of Coronaviruses by Solar Radiation With Special Reference to COVID-19," *Photochem. Photobiol.*, vol. 96, no. 4, hlm. 731–737, Jul 2020, doi: 10.1111/php.13293.

[15] M. Biasin, "UV-C irradiation is highly effective in inactivating SARS-CoV-2 replication," *Sci. Rep.*, hlm. 7, 2021.

[16] C. S. Heilingloh, "Susceptibility of SARS-CoV-2 to UV irradiation," *Am. J. Infect. Control*, hlm. 3, 2020.

[17] A. Hendryani, W. Nabilah, dan A. Komarudin, "OPTIMIZATION OF ULTRAVIOLET STERILIZATION CABINET BY IMPROVING LIGHT REFLECTION USING ALUMINIUM FOIL," vol. 11, hlm. 9, 2020.

[18] J. Wu, "TOFU AS A TISSUE-MIMICKING MATERIAL," *Ultrasound Med. Biol.*, vol. 27, no. 9, hlm. 4, 2001.

[19] Y. T. Kim *dkk.*, "Evaluation of Tissue Mimicking Quality of Tofu for Biomedical Ultrasound," *Ultrasound Med. Biol.*, vol. 35, no. 3, hlm. 472–481, Mar 2009, doi: 10.1016/j.ultrasmedbio.2008.09.005.

[20] D. Balasubramanian, "Ultraviolet Radiation and Cataract," hlm. 13.

[21] W. J. Kowalski, *Ultraviolet germicidal irradiation handbook: UVGI for air and surface disinfection*. Heidelberg ; New York: Springer-Verlag, 2009.

[22] W. Harm, *Biological effects of ultraviolet radiation*, 1. publ. Cambridge: Cambridge Univ. Press, 1980.

[23] D. L. DiLaura dan Illuminating Engineering Society of North America, Ed., *The lighting handbook: reference and application*, 10th ed. New York: Illuminating Engineering Society, 2011.

[24] W. J. Masschelein dan R. G. Rice, *Ultraviolet light in water and wastewater sanitation*. 2016, hlm. 174. doi: 10.1201/9781315121345.

[25] E. V. Koonin, T. G. Senkevich, dan V. V. Dolja, "The Ancient Virus World and Evolution of Cells," *Biol. Direct*, vol. 1, no. 1, hlm. 29, 2006, doi: 10.1186/1745-6150-1-29.

[26] B. Hu, H. Guo, P. Zhou, dan Z.-L. Shi, "Characteristics of SARS-CoV-2 and COVID-19," *Nat. Rev. Microbiol.*, vol. 19, no. 3, hlm. 141–154, Mar 2021, doi: 10.1038/s41579-020-00459-7.

[27] Y. M. Bar-On, A. Flamholz, R. Phillips, dan R. Milo, "SARS-CoV-2 (COVID-19) by the numbers," *eLife*, vol. 9, hlm. e57309, Apr 2020, doi: 10.7554/eLife.57309.

[28] А. Солодовников dan В. Архипова, "Достоверно красиво: как мы сделали 3D-модель SARS-CoV-2," Jul 29, 2021. [Daring]. Tersedia pada: https://nplus1.ru/blog/2021/07/29/sars-cov-2-model

[29] S. Schalk, V. Adam, E. Arnold, K. Brieden, A. Voronov, dan H.-D. Witzke, "UV-Lamps for Disinfection and Advanced Oxidation -Lamp Types, Technologies and Applications," *IUVA News*, vol. 8, Jan 2006.

[30] D. R. Grimes, C. Robbins, dan N. J. O'Hare, "Dose modeling in ultraviolet phototherapy," *Med. Phys.*, vol. 37, no. 10, hlm. 9, 2010.

[31] "GUVA-S12SD Datasheet.pdf." Roithner LaserTechnik GmbH, Feb 07, 2011.

[32] Richard S. Quimby, *Photonics and Lasers: An Introduction*.

[33] "Photodiode Detectors," dalam *Photonics and Lasers*, John Wiley & Sons, Ltd, 2006, hlm. 249–279. doi: https://doi.org/10.1002/0471791598.ch14.

[34] R. J. Larsen dan M. L. Marx, *An introduction to mathematical statistics and its applications*, 5th ed. Boston: Prentice Hall, 2012.

[35] Harinaldi, *Prinsip-prinsip Statistik untuk Teknik dan Sains*, Edisi 1. Jakarta: Penerbit Erlangga, 2005.

[36] Yaumil Akbar, "Rancang Bangun Detektor Ultraviolet Berbasis Detektor GUVA-S12SD," Universitas Gadjah Mada, Yogyakarta.

[37] Philips Lighting, "TUV Technical Data.pdf." Signify, Feb 09, 2021.

[38] M. Bentancor dan S. Vidal, "Programmable and low-cost ultraviolet room disinfection device," *HardwareX*, vol. 4, hlm. e00046, Okt 2018, doi: 10.1016/j.ohx.2018.e00046.

[39] W. S. Souza, M. A. S. de Oliveira, G. M. F. de Oliveira, D. P. de Santana, dan R. E. de Araujo, "Self-Referencing Method for Relative Color Intensity Analysis Using Mobile-Phone," *Opt. Photonics J.*, vol. 08, no. 07, hlm. 264–275, 2018, doi: 10.4236/opj.2018.87022.