



## DAFTAR PUSTAKA

- [1] Kementerian Kesehatan Republik Indonesia. “GUGUS TUGAS PERCEPATAN PENANGANAN COVID-19”. Diakses dari: <https://covid19.go.id/peta-sebaran>, 17 Juli 2020
- [2] Satuan Tugas Penanganan COVID-19. “covid19” Satuan Tugas Penanganan COVID-19. Diakses dari: <https://covid19.go.id/p/berita/pola-perjalanan-global-penyebab-covid-19-mudah-menyebar>, 23 Oktober 2020.
- [3] World Health Organization. Transmission of SARS-CoV-2: implications for infection prevention precautions. Geneva, 2020.
- [4] IDN Media. “IDN TIMES,” IDN Media. Diakses dari: <https://www.idntimes.com/health/medical/izza-namira-1/selain-covid-19-ini-7-wabah-penyakit-yang-pernah-menyerang-indonesia/7>, 15 Agustus 2020.
- [5] C. B. Tuvo, B. Cristina, M. L. Spagnolo, A. M. Totaro, M. Baggiani dan Privitera G. P. “Evaluation of an ultraviolet C (UVC) light-emitting device for disinfection of high touch surfaces in hospital critical areas” *ternational journal of environmental research and public health*, vol. 19, no. 16, pp. 3572, 2019.
- [6] Badan Meteorologi, Klimatologi, dan Geofisika. “BADAN METEOROLOGI, KLIMATOLOGI, DAN GEOFISIKA”. Diakses dari: <https://www.bmkg.go.id/cuaca/indeks-uv.bmkg>, 27 Juli 2020
- [7] Rothiner Laser Technik GmbH. “GUVA-S12SD” Vienna, 2011.
- [8] Paraskevas Tsantarliotis, Markos G. Tsipouras dan Nikolaos Giannakeas. “*Personalized UV Radiation Risk Monitoring Using Wearable Devices and Fuzzy Modeling*” *Invention*, vol. 3, no. 2, 2018.
- [9] Wladyslaw Kowalski. Ultraviolet Germicidal Irradiation Handbook, Springer, Berlin, 2009.
- [10] Alvaro C. Laga dan George F. Murphy. “The translational basis of human cutaneous photoaging: On models, methods, and meaning” *The American Journal of Pathology*, vol. 174, pp. 357-360, 2009.



- [11] Gillian M. Murphy. “Ultraviolet radiation and immunosuppression” *British Journal of Dermatology*, vol. 161, pp. 90-95, 2009.
- [12] Ulrike Leiter dan Claus Garbe. “Epidemiology of Melanoma and Nonmelanoma Skin Cancer—The Role of Sunlight,” *Sunlight, Vitamin D and Skin Cancer*, vol. 624, p. 89–103, 2008.
- [13] Manuela Buonanno, David Welch, Igor Shuryak dan David J. Brenner. “Far-UVC light (222 nm) efficiently and safely inactivates airborne human coronaviruses,” *Scientific Reports*, 2020.
- [14] Eko Hadi G. “KAFE ASTRONOMI”. Diakses dari: <https://kafeastronomi.com/aplikasi-prakiraan-cuaca-accuweather.html>, 19 November 2020
- [15] Sukyoung Heo, Hee Sook Hwang, Yohan Jeong dan Kun Na. “Skin protection efficacy from UV irradiation and skin penetration property of polysaccharide-benzophenone conjugates as a sunscreen agent,” *Carbohydr Polym*, vol. 195, pp. 534-541, 2018.
- [16] Dae-Hwan Park, Seung-Taek Oh dan Jae-Hyun Lim“Development of a UV Index Sensor-Based Portable Measurement Device with the EUVB Ratio of Natural Light” *Sensors (Basel, Switzerland)*, vol. 19, no. 4, p. 754, 2019.
- [17] Agus B. Wijatna, Sunarno, Yakub F. Luckyarno, Memory M. Waruwu dan Rony Wijaya. “The Study Of The Effects Of The Ultraviolet Radiation On Tofu The Ultraviolet Radiation On Tofu” *The Ultraviolet Radiation On Tofu*, Vol. 14, No. 1, Pp. 138-148, 2019.
- [18] LAPIS SEMICONDUCTOR, “ML8511-00FC” LAPIS SEMICONDUCTOR, 2013.
- [19] Emerson Da Trindade Marcelino, Júlio Manuel Tavares Diniz, Álvaro Barbosa Da Rocha, Álvaro Barbosa Da Rocha, Álvaro Barbosa Da Rocha dan Wanderley Ferreira De Amorim Junior. “Experimentation Of A Low Cost Electronic System For Measurement Of The Ultraviolet Radiation Index To The City Of Campina Grande, Brazil” *Cobem*, 2019.
- [20] Gabriel Meceneiro dan Tal’ia Simes dos Santos Ximenes. “Implementation of Ultraviolet Sensor in Low Cost Weather Stations” *DINCON*, 2017.
- [21] WOLFGANG HEERING. “UV SOURCES – Basics, Properties and Applications” *University of Karlsruhe*, Karlsruhe, 2004.
- [22] Richard S. Quimby. Photonics and Lasers, *John Wiley & Sons*, Inc, 2006.



- [23] Yi Zhou, Claude Ahyi, Chin-Che Tin, John Williams, Minseo Park, Dong-Joo Kim, An-Jen Cheng, Dake Wang, Andrew Hanser, Edward A. Preble, N. Mark Williams dan Keith Evans “Fabrication and device characteristics of Schottky-type bulk GaN-based “visible-blind” ultraviolet photodetectors,” *Applied Physics Letters*, vol. 90, pp. 121118, 2007.
- [24] Lake Stevens. “Proto Supplies” Proto Supplies. Diakses dari: <https://protosupplies.com/product/guva-s12sd-uv-light-sensor-module/>, 20 September 2020.
- [25] Albert Malvino dan David Bates. Electronic Principles Eighth Edition, McGraw-Hill Education, 2016.
- [26] Eralika Mitra Persada. “Presisi dan Akurasi,” Diakses dari: [www.eralika.com](http://www.eralika.com), 7 Agustus 2017.
- [27] Arduino. “ARDUINO MEGA 2560 REV3” Diakses dari: <https://store.arduino.cc/usa/mega-2560-r3>, 2020.
- [28] INTELTRONIC. “2.4 inch TFT LCD with Touch Panel SPECIFICATION” Inteltronic Inc, Union City, 2013.
- [29] Maxim. “Extremely Accurate I2c-Integrated Rtc/Tcxo/Crystal,” Dallas Semiconductor, Dallas, 2005.
- [30] NanJing Top Power ASIC Corp. “1A Standalone Linear Li-Ion Battery Charger with Thermal” EEMB Co. Ltd., 2010.
- [31] XLSEMI. “XL6009” XLSEMI. Diakses dari: <https://www.alldatasheet.com/datasheet-pdf/pdf/1132228/XLSEMI/XL6009.html>, 2003
- [33] Vishay Siliconix. “VEML6070” Vishay Siliconix, 2016.
- [34] Genuine UV Technology. “UVM-30A,” Genicom Co., Ltd, 2018.