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- [1] "Indoor Air Quality," United States Environmental Protection Agency, 7 September 2021. [Online]. Available: <https://www.epa.gov/report-environment/indoor-air-quality>. [Accessed 1 December 2021].
- [2] WHO, "Household air pollution and health," 22 September 2021. [Online]. Available: <https://www.who.int/en/news-room/fact-sheets/detail/household-air-pollution-and-health>. [Accessed 3 October 2021].
- [3] A. Cincinelli and T. Martellini, "Indoor Air Quality and Health," *International Journal of Environmental Research and Public Health*, p. 1286, 2017.
- [4] V. V. Tran, D. Park and Y.-C. Lee, "Indoor Air Pollution, Related Human Diseases, and Recent Trends in the Control and Improvement of Indoor Air Quality," *International journal of environmental research and public health*, vol. 17, no. 8, p. 2927, 2020.
- [5] N. R. Martins and G. C. da Graça, "Impact of PM2.5 in indoor urban environments: a review," *Sustainable Cities and Society*, vol. 42, pp. 259-275, 2018.
- [6] M. Cetin and H. Sevik, "Measuring the Impact of Selected Plants on Indoor CO2 Concentrations," *Polish Journal of Environmental Studies*, vol. 25, no. 3, pp. 973-979, 2016.
- [7] "Improving Indoor Air Quality," United States Environmental Protection Agency, 12 May 2021. [Online]. Available: <https://www.epa.gov/indoor-air-quality-iaq/improving-indoor-air-quality>. [Accessed 29 November 2021].
- [8] Y. Zhang, J. Mo, Y. Li, J. Sundell, P. Wargocki, J. Zhang, J. C. Little, R. Corsi, Q. Deng, M. H. Leung, L. Fang, W. Chen, J. Li and Y. Sun, "Can commonly-used fan-driven air cleaning technologies improve indoor air quality? A literature review," *Atmospheric Environment*, vol. 45, no. 26, pp. 4329-4343, 2011.

- [9] United States Environmental Protection Agency, Residential Air Cleaners: A Technical Summary, 3rd edition Portable Air Cleaners, Furnace and HVAC Filters, United States: EPA Indoor Environments Division, 2018.
- [10] United States Environmental Protection Agency, Guide to Air Cleaners in the Home, 2nd edition, August 2018, United States: EPA Indoor Environments Division, 2018.
- [11] E. Cooper, Y. Wang, S. Stamp, E. Burman and D. Mumovic, "Use of portable air purifiers in homes: Operating behaviour, effect on indoor PM_{2.5} and perceived indoor air quality," *Building and Environment*, vol. 191, p. 107621, 2021.
- [12] P. Idziak and M. Gojtowski, "Smart air purifier suitable for small public spaces," *ITM Web of Conferences*, vol. 28, no. 01015, 2019.
- [13] N. Bergam, L. Chen, S. Lende, S. Snow, J. Zhang, M. J. DiBuono and N. J. Calzaretto, "Designing and Simulating a Smart SARS-CoV-2 Air Purifier," 2020.
- [14] D. Bai, Q. Zhao, Y. Shen, Y. Yu, N. Ames, J. Raiti, J. Marshall and Y. Wang, "Making Healthy Air More Affordable: A Smart Air Purifier with Filter Availability Detection," *The 14th PErvasive Technologies Related to Assistive Environments Conference*, pp. 121-122, 2021.
- [15] C.-H. Huang, J. Xiang, E. Austin, J. Shirai, Y. Liu, C. Simpson, C. J. Karr, A. L. Fyfe-Johnson, T. K. Larsen and E. Seto, "Impacts of using auto-mode portable air cleaner on indoor PM_{2.5} levels: An intervention study," *Building and Environment*, vol. 188, p. 107444, 2021.
- [16] S. A. Kalogirou, "Chapter 11 - Designing and Modeling Solar Energy Systems," in *Solar Energy Engineering (Second Edition)*, 2014, pp. 583-699.
- [17] Y. Wang, W. Wang, Z. Zhang, P. Zhou and H. Jiang, "Design and Research of Intelligent Air Purifier System," in *2020 IEEE International Conference on Mechatronics and Automation*, Beijing, China, 2020.
- [18] F. J. Kelly and J. C. Fussell, "Improving indoor air quality, health and performance within environments where people live, travel, learn and work," *Atmospheric Environment*, vol. 200, pp. 90-109, 2019.

- [19] Y.-C. Chiang, C.-Y. Yeh and C.-H. Weng, "Carbon Dioxide Adsorption on Porous and Functionalized Activated Carbon Fibers," *Applied Sciences*, vol. 9, no. 10, 2019.
- [20] PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA NOMOR 1077/MENKES/PER/V/2011, PEDOMAN PENYEHATAN UDARA DALAM RUANG RUMAH, MENTERI KESEHATAN REPUBLIK INDONESIA, 2011.
- [21] Association of Home Appliance Manufacturers, Methods for Measuring Performance of Portable Household Electric Room Air Cleaners, 2013.
- [22] H. Watson, "Indoor Air Quality Monitoring: The Complete Guide for 2021," qlair, 12 February 2021. [Online]. Available: <https://i-qlair.com/indoor-air-quality-monitoring-complete-guide/>. [Accessed 12 January 2022].
- [23] L. Omron Healthcare Co., Instruction Manual Compressor Nebuliser Model NE-C29-E.
- [24] F. Vaicdan, Pengamatan Konsentrasi Massa PM2.5 di Cekungan Udara Bandung Raya, Bandung: Universitas Telkom, 2019.
- [25] C. C. Ginting, Rancang Bangun Sistem Kalibrasi Sederhana untuk Low-Cost Sensor PM2.5 Berbasis Nebulizer, Bandung: Universitas Telkom, S1 Teknik Fisika, 2020.
- [26] M. M. Maestas, R. D. Brook, R. A. Ziemba, F. Li, R. C. Crane, Z. M. Klaver, R. L. Bard, C. A. Spino, S. D. Adar and M. Morishita, "Reduction of personal PM2.5 exposure via indoor air filtration systems in Detroit: an intervention study," *Journal of Exposure Science & Environmental Epidemiology*, 2018.
- [27] M. Pellerano, P. Pre, M. Kacem and A. Delebarre, "CO2 capture by adsorption on activated carbons using pressure modulation," *Energy Procedia*, vol. 1, no. 1, pp. 647 - 653, 2009.