

DAFTAR PUSTAKA

- Acarer, S. (2023). Abundance and characteristics of microplastics in drinking water treatment plants, distribution systems, water from refill kiosks, tap waters and bottled waters. *Science of the Total Environment*, 884(May), 163866. <https://doi.org/10.1016/j.scitotenv.2023.163866>
- Ali, M. G. A. (2019). Presence And Characterization Of Microplastics In Drinking (Tap/Bottled) Water And Soft Drinks (Issue January). <https://commons.und.edu/theses/2832>
- Amaludin. (2022). GAMBARAN FREKUENSI PENCUCIAN GALON DENGAN MESIN SIKAT TERHADAP KANDUNGAN MIKROPLASTIK AIR MINUM ISI ULANG (AMIU) TAHUN 2022 [Universitas Hasanuddin]. <https://repository.unhas.ac.id/id/eprint/18284/>
- Angelina, J. (2022). DETEKSI MIKROPLASTIK DALAM AIR MINUM DARI DEPOT ISI ULANG DI KECAMATAN SEMARANG SELATAN. Universitas Katolik Soegijapranata. <https://repository.unika.ac.id/31323/>
- ASPADIN. (2020). Aspadin Tegaskan Produk AMDK Aman Dikonsumsi - ASPADIN. <https://aspadin.com/pressmedia/aspadin-tegaskan-produk-amdk-aman-dikonsumsi>
- ASPADIN. (2023). Direktur Dian Perdana MedikaA Bantah Hoaks Galon Isi Ulang Berbahaya untuk Kesehatan - ASPADIN. <https://aspadin.com/pressmedia/direktur-dian-perdana-medika-bantah-hoaks-galon-isi-ulang-berbahaya-untuk-kesehatan>
- Azhari, A. N. (2023). Identifikasi Keberadaan Mikroplastik pada Air PDAM Kota Makassar Tahun 2022 [Universitas Hasanuddin]. <https://repository.unhas.ac.id/id/eprint/26921/>
- Azzahra, H. S. (2020). ANALISIS KANDUNGAN MIKROPLASTIK PADA AIR MINUM GALON BERMEREK DAN ISI ULANG [Universitas Pertamina]. <https://doi.org/https://library.universitaspertamina.ac.id/xmlui/handle/123456789/9723>

Badan Standardisasi Nasional. (2013). Sistem Analisa Bahaya dan Pengendalian Titik Kritis (HACCP) serta Pedoman Penerapannya (SNI 01-4852-1998).

In BSN. Diakses dari:
https://sintak.unika.ac.id/staff/blog/uploaded/5812002253/files/haccp/sni_haccp.pdf

Boháčková, J., Havlíčková, L., Semerád, J., Titov, I., Trhlíková, O., Beneš, H., & Cajthaml, T. (2023). In vitro toxicity assessment of polyethylene terephthalate and polyvinyl chloride microplastics using three cell lines from rainbow trout (*Oncorhynchus mykiss*). *Chemosphere*, 312. <https://doi.org/https://doi.org/10.1016/j.chemosphere.2022.136996>

BPOM. (2019). PERATURAN BADAN PENGAWAS OBAT DAN MAKANAN NOMOR 20 TAHUN 2019 TENTANG KEMASAN PANGAN. Kepala Badan POM. https://standarpangan.pom.go.id/dokumen/peraturan/2019/PBPOM_Nomor_20_Tahun_2019_tentang_Kemasan_Pangan.pdf

BPS. (2016). Persentase Rumah Tangga Menurut Provinsi dan Sumber Air Minum 2000-2016. <https://www.bps.go.id/id/statistics-table/1/MTM2MSMx/persentase-rumah-tangga-menurut-provinsi-dan-sumber-air-minum-2000-2016.html>

BPS. (2023). INDIKATOR PERUMAHAN DAN KESEHATAN LINGKUNGAN 2023 (Vol. 9). <https://www.bps.go.id/id/publication/2023/12/22/27008915741ff63ce2a2a054/housing-and-environmental-health-indicators-2023.html>

Chen, Y., Wen, D., Pei, J., Fei, Y., Ouyang, D., Zhang, H., & Luo, Y. (2020). Identification and quantification of microplastics using Fourier-transform infrared spectroscopy: Current status and future prospects. *Current Opinion in Environmental Science and Health*, 18, 14–19. <https://doi.org/10.1016/j.coesh.2020.05.004>

- Christanto, M. A. (2023). DETEKSI MIKROPLASTIK PADA AIRMINUM DARI DEPOT ISI ULANG DI KECAMATAN SEMARANG TENGAH. Universitas Katolik Soegijapranata. <https://repository.unika.ac.id/31332/>
- Cox, K. D., Covernton, G. A., Davies, H. L., Dower, J. F., Juanes, F., & Dudas, S. E. (2019). Human Consumption of Microplastics [Research-article]. *Environmental Science and Technology*, 53(12), 7068–7074. <https://doi.org/10.1021/acs.est.9b01517>
- Di, M., & Wang, J. (2018). Microplastics in surface waters and sediments of the Three Gorges Reservoir, China. *Science of the Total Environment*, 616–617, 1620–1627. <https://doi.org/10.1016/j.scitotenv.2017.10.150>
- Ferraz, M., Bauer, A. L., Valiati, V. H., & Schulz, U. H. (2020). Microplastic concentrations in raw and drinking water in the Sinos River, Southern Brazil. *Water* (Switzerland), 12(11), 1–10. <https://doi.org/10.3390/w12113115>
- Food Standards Agency. (2017). Hazard Analysis and Critical Control Point (HACCP). <https://www.food.gov.uk/business-guidance/hazard-analysis-and-critical-control-point-haccp>
- GESAMP. (2016). Sources, fate and effects of microplastics in the marine environment: part 2 of a global assessment. (IMO, FAO/UNESCO-IOC/UNIDO/WMO/IAEA/UN/UNEP/UNDP). In: Kershaw, P.J. (Ed.), Rep. Stud. GESAMP No. 90 (96 pp). Reports and Studies GESAMP, No. 93, 96 P., 93. <http://www.gesamp.org/site/assets/files/1275/sources-fate-and-effects-of-microplastics-in-the-marine-environment-part-2-of-a-global-assessment-en.pdf>
- GESAMP. (2019). Guidelines for the monitoring and assessment of plastic litter in the ocean: GESAMP Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection. Rep. Stud. GESAMP, no 99, 138. <http://www.gesamp.org/publications/guidelines-for-the-monitoring-and-assessment-of-plastic-litter-in-the-ocean>

- Hadeed, M. D. M., & Al-Ahmady, K. K. (2022). The Effect of Different Storage Conditions for Refilled Plastic Drink Bottles on the Concentration of Microplastic Release in Water. *Journal for Research in Applied Sciences and Biotechnology*, 1(4), 71–77. <https://doi.org/10.55544/jrasb.1.4.9>
- Halfar, J., Čabanová, K., Vávra, K., Delongová, P., Motyka, O., Špaček, R., Kukutschová, J., Šimetka, O., & Heviánková, S. (2023). Microplastics and additives in patients with preterm birth: The first evidence of their presence in both human amniotic fluid and placenta. *Chemosphere*, 343(140301), 1–10. <https://doi.org/10.1016/j.chemosphere.2023.140301>
- Irawan, D. A., Ardiatma, D., & Ilyas, N. I. (2023). Identifikasi Mikroplastik Pada AMDK Terhadap Pengaruh Paparan Sinar Matahari Di Pedagang Kaki Lima. *Metana: Media Komunikasi Rekayasa Proses Dan Teknologi Tepat Guna*, 19(2), 69–78. <https://repository.pelitabangsa.ac.id/id/eprint/233/12/Jurnal%20Skripsi.pdf>
- Julienne, F., Delorme, N., & Lagarde, F. (2019). From macroplastics to microplastics: Role of water in the fragmentation of polyethylene. *Chemosphere*, 236, 124409. <https://doi.org/10.1016/j.chemosphere.2019.124409>
- Kankanige, D., & Babel, S. (2020). Smaller-sized micro-plastics (MPs) contamination in single-use PET-bottled water in Thailand. *Science of the Total Environment*, 717, 137232. <https://doi.org/10.1016/j.scitotenv.2020.137232>
- Kepmenperindag RI. (2004). Keputusan Menteri Perindustrian dan Perdagangan Republik Indonesia Nomor 651/MPP/ Kep/10/2004 Tentang Persyaratan Teknis Depot Air Minum dan Perdaganganannya. In Keputusan Menteri Perindustrian dan Perdagangan Republik Indonesia. https://jdih.kemendag.go.id/backendx/image/regulasi/28000512_Kepmen_perindag_Nomor_651_Tahun_2004.pdf

- Kosuth, M., Mason, S. A., & Wattenberg, E. V. (2018). Anthropogenic contamination of tap water, beer, and sea salt. *PLoS ONE*, 13(4), 1–18.
<https://doi.org/10.1371/journal.pone.0194970>
- Leonard, S V. L., Liddle, C. R., Atherall, C. A., Chapman, E., Watkins, M., D. J. Calaminus, S., & Rotchell, J. M. (2024). Microplastics in human blood: Polymer types, concentrations and characterisation using μ FTIR. *Environment International*, 188(108751 Contents), 1–9.
<https://doi.org/10.1016/j.envint.2024.108751>
- Leony, O. (2022). DETEKSI MIKROPLASTIK DALAM AIR MINUM KEMASAN GALON BERMEREK DAN ANALISIS PAPARANNYA PADA MANUSIA. Universitas Katolik Soegijapranata.
<https://repository.unika.ac.id/31342/>
- Liebezeit, G., & Liebezeit, E. (2014). Synthetic particles as contaminants in German beers. *Food Additives and Contaminants - Part A*, 31(9), 1574–1578. <https://doi.org/10.1080/19440049.2014.945099>
- Liu, Y., Zhang, J., Zhao, H., Cai, J., Sultan, Y., Fang, H., Zhang, B., & Ma, J. (2022). Effects of polyvinyl chloride microplastics on reproduction, oxidative stress and reproduction and detoxification-related genes in *Daphnia magna*. *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*, 254, 109269.
<https://doi.org/https://doi.org/10.1016/j.cbpc.2022.109269>
- Makhdoumi, P., Amin, A. A., Karimi, H., Pirsaeheb, M., Kim, H., & Hossini, H. (2021). Occurrence of microplastic particles in the most popular Iranian bottled mineral water brands and an assessment of human exposure. *Journal of Water Process Engineering*, 39(March), 101708.
<https://doi.org/10.1016/j.jwpe.2020.101708>
- Mason, S. A., Welch, V. G., & Neratko, J. (2018). Synthetic Polymer Contamination in Bottled Water. *Frontiers in Chemistry*, 6(September).
<https://doi.org/10.3389/fchem.2018.00407>

- Mastad, O. C. L. (2022). Microplastic studies in humans : evidence from feces and effects in blood (Issue June) [University of Bergen]. <https://bora.uib.no/bora-xmlui/bitstream/handle/11250/3000418/Masteroppgave-Helt-ferdig.pdf?sequence=1>
- Mintenig, S. M., Löder, M. G. J., Primpke, S., & Gerdts, G. (2019). Low numbers of microplastics detected in drinking water from ground water sources. *Science of the Total Environment*, 648, 631–635. <https://doi.org/10.1016/j.scitotenv.2018.08.178>
- Murtadho, M. F. (2023). IDENTIFIKASI TIPE DAN KELIMPAHAN MIKROPLASTIK PADA PERAIRAN DI WADUK GONDANG KECAMATAN SUGIO KABUPATEN LAMONGAN. Universitas Islam Negri Maulana Malik Ibrahim. <http://etheses.uin-malang.ac.id/52222/>
- Osman, A. I., Hosny, M., Eltaweil, A. S., Omar, S., Elgarahy, A. M., Farghali, M., Yap, P. S., Wu, Y. S., Nagandran, S., Batumalaie, K., Gopinath, S. C. B., John, O. D., Sekar, M., Saikia, T., Karunanithi, P., Hatta, M. H. M., & Akinyede, K. A. (2023). Microplastic sources, formation, toxicity and remediation: a review. *Environmental Chemistry Letters*, 21(4), 2129–2169. <https://doi.org/10.1007/s10311-023-01593-3>
- Oßmann, B. E., Sarau, G., Holtmannspötter, H., Pischetsrieder, M., Christiansen, S. H., & Dicke, W. (2018). Small-sized microplastics and pigmented particles in bottled mineral water. *Water Research*, 141, 307–316. <https://doi.org/10.1016/j.watres.2018.05.027>
- Peng, B.-Y., Sun, Y., Zhang, X., Sun, J., Xu, Y., Xiao, S., Chen, J., Zhou, X., & Zhang, Y. (2023). Unveiling the residual plastics and produced toxicity during biodegradation of polyethylene (PE), polystyrene (PS), and polyvinyl chloride (PVC) microplastics by mealworms (Larvae of *Tenebrio molitor*). *Journal of Hazardous Materials*, 452, 131326. <https://doi.org/https://doi.org/10.1016/j.jhazmat.2023.131326>

Peraturan Badan Pangan Nasional RI. (2024). PERATURAN BADAN PANGAN NASIONAL REPUBLIK INDONESIA NOMOR 2 TAHUN 2024 TENTANG PENGAWASAN TERHADAP PEMENUHAN PERSYARATAN KEAMANAN, MUTU, GIZI, LABEL, DAN IKLAN PANGAN SEGAR.
https://badanpangan.go.id/storage/app/media/2024/PERBADAN2TAHU_N2024_PENGAWASAN_KEAMANAN_PANGAN_BN_287.pdf

Pérez-Guevara, F., Roy, P. D., Elizalde-Martínez, I., Kuttralam-Muniasamy, G., & Shruti, V. C. (2022). Human exposure to microplastics from urban decentralized pay-to-fetch drinking-water refill kiosks. *Science of the Total Environment*, 848(157722), 1–10.
<https://doi.org/10.1016/j.scitotenv.2022.157722>

Permenkes RI. (2010). PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA NOMOR 492/MENKES/PER/IV/2010 TENTANG PERSYARATAN KUALITAS AIR MINUM. Diakses dari:
<https://stunting.go.id/kemenkes-permenkes-no-492-tahun-2010-tentang-persyaratan-kualitas-air-minum/>

Permenkes RI. (2014). PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA NOMOR 43 TAHUN 2014 TENTANG HIGIENE SANITASI DEPOT AIR MINUM.
<https://peraturan.bpk.go.id/Details/119084/permenkes-no-43-tahun-2014>

Pivokonsky, M., Cermakova, L., Novotna, K., Peer, P., Cajthaml, T., & Janda, V. (2018). Occurrence of microplastics in raw and treated drinking water. *Science of the Total Environment*, 643, 1644–1651.
<https://doi.org/10.1016/j.scitotenv.2018.08.102>

Plastics Europe. (2023). Plastics - the fast facts 2023.
<https://plasticseurope.org/knowledge-hub/plastics-the-fast-facts-2023/>

Plastics Europe. (2024). The Circular Economy for Plastics A European Analysis.
<https://plasticseurope.org/knowledge-hub/the-circular-economy-for-plastics-a-european-analysis-2024/>

- PlasticsEurope. (2019). Plastics - the Facts 2019. 14, 35.
<https://www.plasticseurope.org/en/resources/market-data>
- Prata, J. C., Paço, A., Reis, V., da Costa, J. P., Fernandes, A. J. S., da Costa, F. M., Duarte, A. C., & Rocha-Santos, T. (2020). Identification of microplastics in white wines capped with polyethylene stoppers using micro-Raman spectroscopy. *Food Chemistry*, 331(June), 127323.
<https://doi.org/10.1016/j.foodchem.2020.127323>
- Putra, T. P. (2019). Studi Pencemaran Mikroplastik pada Ikan, Air dan Sedimen di Kepulauan Bala-Balakang, Kabupaten Mamuju, Sulawesi Barat. Universitas Hasanuddin.
[https://repository.unhas.ac.id/id/eprint/4003/2/19_P0302216011\(FILEMinimizer\)%20...%20ok%201-2.pdf](https://repository.unhas.ac.id/id/eprint/4003/2/19_P0302216011(FILEMinimizer)%20...%20ok%201-2.pdf)
- Putra, Y. A. S. (2022). DETEKSI MIKROPLASTIK DALAM AIR MINUM DALAM KEMASAN (AMDK) ISI ULANG DI KECAMATAN TEMBALANG, KOTA SEMARANG DAN ESTIMASI PAPARANNYA PADA TUBUH MANUSIA. Universitas Katolik Soegijapranata.
<https://repository.unika.ac.id/31341/>
- Radityaningrum, A. D., Trihadiningrum, Y., Mar'atusholihah, Soedjono, E. S., & Herumurti, W. (2021). Microplastic contamination in water supply and the removal efficiencies of the treatment plants: A case of Surabaya City, Indonesia. *Journal of Water Process Engineering*, 43(October), 102195.
<https://doi.org/10.1016/j.jwpe.2021.102195>
- Ragusa, A., Svelato, A., Santacroce, C., Catalano, P., Notarstefano, V., Carnevali, O., Papa, F., Rongioletti, M. C. A., Baiocco, F., Draghi, S., D'Amore, E., Rinaldo, D., Matta, M., & Giorgini, E. (2021). Plasticenta: First evidence of microplastics in human placenta. *Environment International*, 146(106274), 1–8. <https://doi.org/10.1016/j.envint.2020.106274>
- Rahimah, R. A. (2021). Jenis dan Kelimpahan Mikroplastik pada Perairan di Kepulauan Bangka Belitung, Indonesia. *Environmental Pollution Journal*, 2(3), 527–537. DOI: <https://doi.org/10.58954/epj.v3i3.104>

- Rodrigues, F. G., Vieira, H. C., Campos, D., Pires, S. F. S., Rodrigues, A. C. M., Silva, A. L. P., Soares, A. M. V. M., Oliveira, J. M. M., & Bordalo, M. D. (2022). Co-Exposure with an Invasive Seaweed Exudate Increases Toxicity of Polyamide Microplastics in the Marine Mussel *Mytilus galloprovincialis*. *Toxics*, 10(2). <https://doi.org/10.3390/toxics10020043>
- Salimi, A., Alavehzadeh, A., Ramezani, M., & Pourahmad, J. (2022). Differences in sensitivity of human lymphocytes and fish lymphocytes to polyvinyl chloride microplastic toxicity. *Toxicology and Industrial Health*, 38(2), 100–111. <https://doi.org/https://doi.org/10.1177/07482337211065832>
- Saraswati, M. K. (2017). DETEKSI KEBERADAAN MIKROPLASTIK PADA AIR MINUM KEMASAN GALON ISI ULANG DI WILAYAH KELURAHAN BENDAN DAN KARANGREJO. Universitas Katolik Soegijapranata. <https://repository.unika.ac.id/31288/>
- Schymanski, D., Goldbeck, C., Humpf, H. U., & Furst, P. (2018). Analysis of microplastics in water by micro-Raman spectroscopy: Release of plastic particles from different packaging into mineral water. *Water Research*, 129, 154–162. <https://doi.org/10.1016/j.watres.2017.11.011>
- Shruti, V. C., Kutralam-Muniasamy, G., Pérez-Guevara, F., Roy, P. D., & Elizalde-Martínez, I. (2022). Free, but not microplastic-free, drinking water from outdoor refill kiosks: A challenge and a wake-up call for urban management. *Environmental Pollution*, 309, 119800. <https://doi.org/https://doi.org/10.1016/j.envpol.2022.119800>
- Shruti, V. C., Pérez-Guevara, F., & Kutralam-Muniasamy, G. (2020). Metro station free drinking water fountain- A potential “microplastics hotspot” for human consumption. *Environmental Pollution*, 261. <https://doi.org/10.1016/j.envpol.2020.114227>
- Supriyo, E., & Noviana, S. N. (2023). Kandungan Mikroplastik Pada Air Minum Dalam Kemasan (AMDK) yang Beredar di Semarang, Jawa Tengah. *Metana*, 19(2), 69–78. <https://doi.org/10.14710/metana.v19i2.58548>

Syarif, M., Daud, A., & Natsir, M. F. (2021). Identifikasi Keberadaan Dan Bentuk Mikroplastik Pada Air Minum Isi Ulang Di Kelurahan Tamangapa Kota Makassar. *Hasanuddin Journal of Public Health*, 2(3), 346–354. <https://doi.org/10.30597/hjph.v2i3.11971>

Textile Exchange. (2023). Materials Market Report. <https://textileexchange.org/knowledge-center/reports/materials-market-report-2023/>

Thompson, R. C., Olsen, Y., Mitchell, R. P., Davis, A., Rowland, S. J., John, A. W. G., McGonigle, D., & Russel, A. E. (2004). Lost at Sea: Where Is All the Plastic? *Brevia*, 304, 838. DOI: 10.1126/science.1094559. <https://pubmed.ncbi.nlm.nih.gov/15131299/>

Venecia, J. A. (2023). DETEKSI MIKROPLASTIK PADA AIR MINUM DALAM KEMASAN DARI DEPOT ISI ULANG DI KECAMATAN PEDURUNGAN SEMARANG. Universitas Katolik Soegijapranata. <https://repository.unika.ac.id/31318/>

Waryati, Rahayu, D. E., & Putri, R. H. W. (2023). PENGARUH FREKUENSI PEMAKAIAN DAN PENCUCIAN GALON TERHADAP KELIMPAHAN MIKROPLASTIK PADA AIR OLAHAN DAMIU. *KoNTekS Ke-17 Balikpapan*, 9, 1428–1437. <https://konteks17.uniba-bpn.ac.id/index.php/konteks/article/view/134>

Weisser, J., Beer, I., Hufnagl, B., Hofmann, T., Lohninger, H., Ivleva, N. P., & Glas, K. (2021). From the well to the bottle: Identifying sources of microplastics in mineral water. *Water* (Switzerland), 13(6). <https://doi.org/10.3390/w13060841>

Widianarko, B., & Hantoro, I. (2018). Mikroplastik dalam Seafood dari Pantai Utara Jawa. Universitas Katolik Soegijapranata. Universitas Katolik Soegijapranata. <https://repository.unika.ac.id/17537/>

Wiguna, M. B. A. (2023). ANALISIS KONTAMINASI MIKROPLASTIK PADA AIR MINUM DALAM KEMASAN DENGAN POLIMER PET [Universitas Batanghari]. <http://repository.unbari.ac.id/2734/>

- Winkler, A., Santo, N., Ortenzi, M. A., Bolzoni, E., Bacchetta, R., & Tremolada, P. (2019). Does mechanical stress cause microplastic release from plastic water bottles? *Water Research*, 166, 115082. <https://doi.org/10.1016/j.watres.2019.115082>
- Wright, S. L., & Kelly, F. J. (2017). Plastic and Human Health: A Micro Issue? *Environmental Science and Technology*, 51(12), 6634–6647. <https://doi.org/10.1021/acs.est.7b00423>
- Xu, J. L., Thomas, K. V., Luo, Z., & Gowen, A. A. (2019). FTIR and Raman imaging for microplastics analysis: State of the art, challenges and prospects. *TrAC - Trends in Analytical Chemistry*, 119, 115629. <https://doi.org/10.1016/j.trac.2019.115629>
- Zainuddin, Z., & Syuhada. (2020). Study of Analysis Method on Microplastic Identification in Bottled Drinking Water. *Macromolecular Symposia*, 391(1), 1–8. <https://doi.org/10.1002/masy.201900195>
- Zhang, K., Hamidian, A. H., Tubić, A., Zhang, Y., Fang, J. K. H., Wu, C., & Lam, P. K. S. (2021). Understanding plastic degradation and microplastic formation in the environment: A review. *Environmental Pollution*, 274. <https://doi.org/10.1016/j.envpol.2021.116554>
- Zhang, Q., Xu, E. G., Li, J., Chen, Q., Ma, L., Zeng, E. Y., & Shi, H. (2020). A Review of Microplastics in Table Salt, Drinking Water, and Air: Direct Human Exposure. *Environmental Science and Technology*, 54(7), 3740–3751. <https://doi.org/10.1021/acs.est.9b04535>