

DAFTAR PUSTAKA

- Adnani, A., Amelia, R., & Hutagalung, S. V. (2024). Peran Tikus Liar sebagai Pembawa Parasit Saluran Cerna dan Potensi Risiko Zoonosis: Systematic Literature Review. *Syntax Literate; Jurnal Ilmiah Indonesia*, 9(1), 312–322.
- Afianto, R., Hestningsih, R., Kusariana, N., & Sutningsih, D. (2021). Survey Kepadatan Tikus di Kelurahan Tandang, Kecamatan Tembalang, Kota Semarang. *Jurnal Kesehatan Masyarakat*, 9(2), 231–235.
- Ahzan, N., Oda, Y. M., & Alifsah, Z. A. (2023). Surveilans Sentinel Leptospirosis (SSL) Di Kota Kendari Provinsi Sulawesi Tenggara. *Health Andragogi*, 3(2).
- Akbar, Z., Ristiyanto, R., Dwi-Handayani, F., & Sayono, S. (2024). Evaluation of Rat Density and the Associated Factors in Leptospirosis Endemic Areas: The First Report on the Use of BI-Index. *Journal of Environmental Health*, 16(3).
- Al-Irsyad, M., Humairo, M. V., Pratama, A. Y., Aini, R. F., Az-Zahra, E. A. F., Aini, F. Q., & Constantia, H. (2023). *Pengendalian Vektor Dan Rodent*. Mazda Media.
- Andrade-Ponce, G. P., Giles, B. G., Newman, B. C., López-Pérez, A. M., & Eversole, C. B. (2025). Different drivers, same tick: Effect of host traits, habitat, and climate on the infestation of three rodent species by larval Dermacentor ticks. *International Journal for Parasitology: Parasites and Wildlife*, 26, 101054.
- Annashr, N. N., Santoso, L., & Hestningsih, R. (2017). Studi Kepadatan Tikus Dan Ektoparasit Di Desa Jomblang, Kecamatan Candisari, Kota Semarang Tahun 2011. *Wawasan Kesehatan*, 3(2), 2087–4995.
- Anwar, M. R., Manyullei, S., Sjahril, R., Daud, A., Mallongi, A., & Hidayanty, H. (2020). Relationship of the Environmental Condition with the Presence of Leptospira in Rats in Flood Prone Areas in Makassar City. *Saudi J. Nurs. Healthc*, 3(8), 228–233.
- Aprilia, N., & Suprijandani, N. (2020). Analisis Faktor Sanitasi Kapal Terhadap Tanda— Tanda Keberadaan Tikus (Studi pada Kapal Penumpang yang Bersandar di Pelabuhan Kalianget 2019). *GEMA Lingkung. Kesehat*, 18.
- Ardiansyah, R., Andini, T., Juliani, R., Putri, M. T., & Idris, I. (2022). Sistem Informasi Geografis Pemetaan Lokasi Wisata Di Sumatera Barat Berbasis Webgis Menggunakan Qgis. *Jurnal Multimedia Dan Teknologi Informasi (Jatilima)*, 4(01), 14–24.
- Awoniyi, A. M., Venegas-Vargas, C., Souza, F. N., Zeppelini, C. G., Hacker, K. P., Carvalho-Pereira, T., Marins, C. L., de Santana, M. C., Pertile, A. C., Begon, M., Ko, A. I., Diggle, P. J., Reis, M. G., Childs, J. E., da Silva, E. M., Costa, F., & Khalil, H. (2022). Population dynamics of synanthropic rodents after a chemical and infrastructural intervention in an urban low-income community. *Scientific Reports*, 12(1), 1–10. <https://doi.org/10.1038/s41598-022-14474-6>
- Baker, R. O., Bodman, G. R., Timm, R. M., Baker, R. O., Bodman, G. R., & Timm, R. M. (1994). *Rodent-Proof Construction and Exclusion Methods EXCLUSION*.
- Baker, S. E., Ellwood, S. A., Tagarielli, V. L., & Macdonald, D. W. (2012). Mechanical performance of rat, mouse and mole spring traps, and possible implications for welfare performance. *PloS One*, 7(6), e39334.
- Barnett, S. A., & Spencer, M. M. (1953). Experiments on the food preferences of wild rats (*Rattus norvegicus* Berkenhout). *Epidemiology & Infection*, 51(1), 16–34.
- Behzadi, M. Y., Mostafavi, E., Rohani, M., Mohamadi, A., Ahmadinezhad, M., Moazzezy, N., Shams-Ghahfarokhi, M., & Razzaghi-Abyaneh, M. (2021). A review on important zoonotic bacterial tick-borne diseases in the Eastern Mediterranean region. *Journal of Arthropod-Borne Diseases*, 15(3), 265.

- Bitam, I., Dittmar, K., Parola, P., Whiting, M. F., & Raoult, D. (2010). Fleas and flea-borne diseases. *International Journal of Infectious Diseases*, 14(8), e667–e676.
- Blanton, L. S. (2023). Murine Typhus: A review of a reemerging flea-borne rickettsiosis with potential for neurologic manifestations and sequelae. *Infectious Disease Reports*, 15(6), 700–716.
- Blasdell, K. R., Morand, S., Laurance, S. G. W., Doggett, S. L., Hahs, A., Trinh, K., Perera, D., & Firth, C. (2022). Rats and the city: Implications of urbanization on zoonotic disease risk in Southeast Asia. *Proceedings of the National Academy of Sciences*, 119(39), e2112341119.
- Boey, K., Shiokawa, K., & Rajeev, S. (2019). Leptospira infection in rats: A literature review of global prevalence and distribution. *PLoS Neglected Tropical Diseases*, 13(8), e0007499.
- Brook, C. E., Bai, Y., Emily, O. Y., Ranaivoson, H. C., Shin, H., Dobson, A. P., Metcalf, C. J. E., Kosoy, M. Y., & Dittmar, K. (2017). Elucidating transmission dynamics and host-parasite-vector relationships for rodent-borne Bartonella spp. in Madagascar. *Epidemics*, 20, 56–66.
- Brown, P. R., Leung, L.-P., Sudarmaji, & Singleton, G. R. (2003). Movements of the ricefield rat, *Rattus argentiventer*, near a trap-barrier system in rice crops in West Java, Indonesia. *International Journal of Pest Management*, 49(2), 123–129.
- Bytheway, J. P., Johnstone, K. C., Price, C. J., & Banks, P. B. (2021). A mechanistic understanding of prebaiting to improve interaction with wildlife management devices. *Pest Management Science*, 77(7), 3107–3115.
- CDC, C. for D. C. and P. (2023). *About Murine Thyphus*. https://www.cdc.gov/typhus/about/murine.html?CDC_AAref_Val=https://www.cdc.gov/typhus/murine/index.html
- CDC, C. for D. C. and P. (2024a). *Controlling Wild Rodent Infestations*. https://www.cdc.gov/healthy-pets/rodent-control/index.html?utm_source=chatgpt.com
- CDC, C. for D. C. and P. (2024b). *How to Trap Up to Remove Rodents*. https://www.cdc.gov/healthy-pets/rodent-control/trap-up.html?utm_source=chatgpt.com
- Chen, Y.-L., Guo, X.-G., Ding, F., Lv, Y., Yin, P.-W., Song, W.-Y., Zhao, C.-F., Zhang, Z.-W., Fan, R., & Peng, P.-Y. (2023). Infestation of Oriental House Rat (*Rattus tanezumi*) with chigger mites varies along environmental gradients across five provincial regions of southwest China. *International Journal of Environmental Research and Public Health*, 20(3), 2023.
- Clapperton, K. (2006). A review of the current knowledge of rodent behaviour in relation to control devices. *Science for Conservation*.
- Combs, M., Puckett, E. E., Richardson, J., Mims, D., & Munshi-South, J. (2018). Spatial population genomics of the brown rat (*Rattus norvegicus*) in New York City. *Molecular Ecology*, 27(1), 83–98.
- Cooper, A. N., Cunningham, C. B., Morris, J. S., Ruff, J. S., Potts, W. K., & Carrier, D. R. (2020). Musculoskeletal mass and shape are correlated with competitive ability in male house mice (*Mus musculus*). *Journal of Experimental Biology*, 223(3), jeb213389.
- Cuéllar-Rodríguez, G., de Luna, M., León-Espinosa, G. A., & Solís-Rojas, C. (2024). First Record of the Spiny Rat Louse, *Polyplax Spinulosa* (psocodea: Phthiraptera: Polyplacidae), for Nuevo Leon, Mexico. *The Southwestern Naturalist*, 68(3), 219–221.

- Damayanti, D. S., & Lestari, K. S. (2023). Gambaran Kepadatan Tikus Dan Pinjal Di Wilayah Pelabuhan Banyuwangi. *Hang Tuah Medical Journal*, 20(2), 170–181. <https://doi.org/10.30649/htmj.v20i2.328>
- Damayanti, P., Satoto, T. B. T., & Mulyaningsih, B. (2024). Identifikasi Ektoparasit pada Tikus dan Peranannya sebagai Vektor Penyakit di Pasar Demangan, Yogyakarta. *Jurnal Kedokteran Unila*.
- Daniswara, S., Martini, M., Kusariana, N., & Hestiningih, R. (2021a). Analisis Spasial Kepadatan Tikus di Pasar Simongan dan Pemukiman Sekitarnya Kota Semarang. *J Ilm Mhs*, 11(2), 29–34.
- Daniswara, S., Martini, M., Kusariana, N., & Hestiningih, R. (2021b). Studi Kepadatan Tikus di Pemukiman Sekitar Pasar Simongan Kota Semarang. *Jurnal Ilmiah Mahasiswa*, 11(2), 29–34.
- Dedi, D., Sarbino, S., & Hendarti, I. (2012). Uji preferensi beberapa jenis bahan untuk dijadikan umpan Tikus Sawah (*Rattus argentiventer*). *Jurnal Sains Pertanian Equator*, 2(2).
- Dewi, M., Tuju, F., Mustika, M., & Kalalinggi, S. Y. (2024). Pengenalan bioekologi vektor dan binatang pembawa penyakit sebagai upaya mewujudkan mandiri kesehatan di lksa/panti asuhan darul tazkiyah palangka raya mandiri kesehatan. *Jurnal Abdi Insani*, 11(4), 1612–1618.
- Dewi, W. M., Partaya, P., & Susanti, S. (2019). Prevalensi ektoparasit pada tikus sebagai upaya pemetaan risiko zoonosis di kawasan rob Kota Semarang. *Jurnal Ekologi Kesehatan*, 18(3), 171–182.
- e Shahwar, D., Hussain, I., Anwar, M., Beg, M. A., Kawan, A., & Akrim, F. (2015). Development of cereal baits and comparative field efficacy of some additives as bait carrier for zinc phosphide and coumatetralyl against rodent pests of poultry farms in Rawalpindi–Islamabad, Pakistan. *International Biodeterioration & Biodegradation*, 104, 460–471.
- Eisen, L. (2023). Rodent-targeted approaches to reduce acarological risk of human exposure to pathogen-infected Ixodes ticks. *Ticks and Tick-Borne Diseases*, 14(2), 102119.
- El Hamzaoui, B., Zurita, A., Cutillas, C., & Parola, P. (2020). Fleas and flea-borne diseases of North Africa. *Acta Tropica*, 211, 105627.
- Eremeeva, M. E., Karpathy, S. E., Krueger, L., Hayes, E. K., Williams, A. M., Zaldivar, Y., Bennett, S., Cummings, R., Tilzer, A., & Velten, R. K. (2014). Two pathogens and one disease: detection and identification of flea-borne rickettsiae in areas endemic for murine typhus in California. *Journal of Medical Entomology*, 49(6), 1485–1494.
- Eremeeva, M., & Muniz-Rodriguez, K. (2020). Rickettsialpox—a Rare but Not Extinct Disease: a Review of the Literature and New Directions. *Infekciã i Immunitet: Russian Journal of Infection and Immunity*, 10(3), 477.
- Farid, D. S., Sallam, N. H., Eldein, A. M. S., & Soliman, E. S. (2021). Cross-sectional seasonal prevalence and relative risk of ectoparasitic infestations of rodents in North Sinai, Egypt. *Veterinary World*, 14(11), 2996.
- Fenando, F. (2021). Sistem informasi geografis (sig) pemetaan lokasi pertambangan batu bara berbasis quantum gis (studi kasus: pt. hasil bumi kalimantan). *Journal of Information Systems and Informatics*, 3(1), 108–120.
- Feng, A. Y. T., & Himsforth, C. G. (2014). The secret life of the city rat: a review of the ecology of urban Norway and black rats (*Rattus norvegicus* and *Rattus rattus*). *Urban Ecosystems*, 17(1), 149–162.
- Ferdiansyah, M. (2017). Sistem Informasi Geografis Pemetaan Klinik Bersalin

- Berbasis Web Gis (Studi Kasus: Kab. Pesawaran). *Jurnal Cendikia*, 14(2), 1–7.
- Frankova, M., Radostna, T., Aulicky, R., & Stejskal, V. (2024). Less brodifacoum in baits results in greater accumulation in the liver of captive *Rattus norvegicus* in a no-choice trail. *Journal of Pest Science*, 97(4), 2273–2280.
- Frye, M. J., Firth, C., Bhat, M., Firth, M. A., Che, X., Lee, D., Williams, S. H., & Lipkin, W. I. (2015). Preliminary survey of ectoparasites and associated pathogens from Norway rats in New York City. *Journal of Medical Entomology*, 52(2), 253–259.
- Galef, B. G., & Whiskin, E. E. (2003). Socially transmitted food preferences can be used to study long-term memory in rats. *Learning & Behavior*, 31(2), 160–164.
- Ganasen, T., Mohd-Azami, S. N. I., Khoo, J. J., Peng, T. L., Johari, J., Sahimin, N., Ya'cob, Z., AbuBakar, S., & Loong, S. K. (2025). Rodent-borne zoonotic diseases in Southeast Asia: A narrative review. *Tropical Biomedicine*, 42(2), 100–122.
- Gillespie, J. J., Ammerman, N. C., Beier-Sexton, M., Sobral, B. S., & Azad, A. F. (2008). Louse-and flea-borne rickettsioses: biological and genomic analyses. *Veterinary Research*, 40(2), 12.
- Haidar, M., Rizwar, R., Darmi, D., & Putra, A. H. (2022). Preferensi Tikus terhadap Beberapa Jenis Umpan yang Berbeda di Kawasan Pemukiman. *BIOEDUSAINS: Jurnal Pendidikan Biologi Dan Sains*, 5(1), 137–142.
- Hamdan, N. E. S., Ng, Y. L., Lee, W. Bin, Tan, C. S., Khan, F. A. A., & Chong, Y. L. (2017). Rodent species distribution and Hantavirus Seroprevalence in residential and forested areas of Sarawak, Malaysia. *Tropical Life Sciences Research*, 28(1), 151.
- Haryani, W., & Setyobroto, I. (2022). *Modul Etika Penelitian*. Jurusan Kesehatan Gigi Poltekkes Jakarta I. [http://eprints.poltekkesjogja.ac.id/9247/1/Modul etika penelitian isbn.%0A Pdf](http://eprints.poltekkesjogja.ac.id/9247/1/Modul_etika_penelitian_isbn.%0A_Pdf)
- Hasanuzzaman, A. T. M., Alam, M. S., & Bazzaz, M. M. (2009). Comparative efficiency of some indigenous traps to capture rats in the wheat field of Bangladesh. *Journal of Agriculture & Rural Development*, 121–125.
- Himsworth, C. G., Parsons, K. L., Jardine, C., & Patrick, D. M. (2013). Rats, cities, people, and pathogens: a systematic review and narrative synthesis of literature regarding the ecology of rat-associated zoonoses in urban centers. *Vector-Borne and Zoonotic Diseases*, 13(6), 349–359.
- Howe, K., Dwinell, M., Shimoyama, M., Corton, C., Betteridge, E., Dove, A., Quail, M. A., Smith, M., Saba, L., & Williams, R. W. (2021). The genome sequence of the Norway rat, *Rattus norvegicus* Berkenhout 1769. *Wellcome Open Research*, 6, 118.
- Hulme-Beaman, A., Orton, D., & Cucchi, T. (2021). The origins of the domesticate brown rat (*Rattus norvegicus*) and its pathways to domestication. *Animal Frontiers*, 11(3), 78–86.
- Husni, S. H., Martini, M., Suhartono, S., Budiyo, B., & Raharjo, M. (2023). Faktor Lingkungan Yang Berpengaruh Terhadap Keberadaan Tikus Serta Identifikasi Bakteri *Leptospira* sp. di Pemukiman Sekitar Pasar Kota Semarang Tahun 2022. *Jurnal Kesehatan Lingkungan Indonesia*, 22(2), 134–141.
- Imalia, Z., & Diyanah, K. C. (2023). Gambaran Kepadatan Populasi Tikus Di Wilayah Pelabuhan Ketapang. *Journals of Ners Community*, 14(3), 560–571.
- Irsyad, T., & Setiati, N. (2022). Identifikasi, Intensitas Endoparasit Pada Tikus Dan Cecurut Yang Berpotensi Zoonosis Di Kelurahan Kedungpane Kecamatan

- Mijen Kota Semarang. *Prosiding Seminar Nasional Biologi*, 10, 276–283.
- Islam, M. M., Farag, E., Eltom, K., Hassan, M. M., Bansal, D., Schaffner, F., Medlock, J. M., Al-Romaihi, H., & Mkhize-Kwitshana, Z. (2021). Rodent ectoparasites in the Middle East: A systematic review and meta-analysis. *Pathogens*, 10(2), 139.
- Juliati, N. (2024). *Preferensi Umpan Tikus Dalam Upaya Pengendalian Vektor Di Pasar Citra Baraka, Kabupaten, Enrekang*. Universitas Muhammadiyah Parepare.
- Kessy, S. T., Makundi, R., Massawe, A. W., & Rija, A. A. (2024). Flea infestation of rodent and their community structure in frequent and non-frequent plague outbreak areas in Mbulu district, northern Tanzania. *International Journal for Parasitology: Parasites and Wildlife*, 23, 100921.
- Kesuma, A. P. (2007). Pinjal (fleas). *Balaba*, 4(1), 20.
- Khalil, H., Santana, R., de Oliveira, D., Palma, F., Lustosa, R., Eyre, M. T., Carvalho-Pereira, T., Reis, M. G., Ko, A. I., & Diggle, P. J. (2021). Poverty, sanitation, and *Leptospira* transmission pathways in residents from four Brazilian slums. *PLoS Neglected Tropical Diseases*, 15(3), e0009256.
- Khanam, S., Mushtaq, M., Nadeem, M. S., & Kayani, A. R. (2017). Population characteristics of *Suncus murinus* in rural commensal habitats of Pothwar, Pakistan. *Asian Journal of Agriculture and Biology*, 5(04).
- Khoirunnisa, R. (2019). *Perbedaan Jumlah Tikus Yang Tertarik Umpan Antara Cara Pengumpanan Kombinasi Dengan Pengumpanan Non Kombinasi*.
- Kusumajaya, A., Utomo, B., & Hikmandari, H. (2020). Tikus pada daerah kasus leptospirosis (studi tentang tikus dan lingkungan pada daerah kasus leptospirosis di Kabupaten Banyumas). *Buletin Keslingmas*, 39(3), 111–120.
- Latif, H. (2019). *Uji Preferensi Tikus Terhadap Jenis Umpan Di Wilayah Kerja Pelabuhan Laut Boombaru Kantor Kesehatan Pelabuhan Kelas II Palembang*. Diponegoro University.
- Maibang, W. G., Martini, M., & Santoso, L. (2023). Kepadatan Tikus dan Ektoparasit yang Tertangkap di Pasar Jatingaleh dan Pasar Kedung Mundu Kota Semarang. *Jurnal Riset Kesehatan Masyarakat*, 3(1), 40–48.
- Mamonto, H., Manyullei, S., Hamid, F., Daud, A., Syam, A., & Birawida, A. (2020). Relationship between waste with ectoparasites and endoparasites (nematodes and cestodes) in Rats. *South Asian Research Journal of Biology and Applied Biosciences*, 2, 79–85.
- Mamudah, M., Pramudi, M. I., & Marsuni, Y. (2022). Tingkat Kesukaan Tikus Terhadap Berbagai Umpan Pada Perangkap Semi Otomatis. *Jurnal Proteksi Tanaman Tropika*, 5(1), 455–462.
- Mannyullei, S., & Amqam, H. (2021). Identifikasi Ektoparasit Dan Endoparasit Pada Tikus Di Tempat Pembuangan Akhir (TPA) Tamangapa Kota Makassar: Identification Of Ectoparasite And Endoparasite In Rat At Tamangapa Landfill Makassar City. *Hasanuddin Journal of Public Health*, 2(1), 32–41.
- Manyullei, S., Birawida, A. B., & Suleman, I. F. (2019). Studi Kepadatan Tikus dan Ektoparasit di Pelabuhan Laut Soekarno Hatta Tahun 2019. *Jurnal Nasional Ilmu Kesehatan*, 2(2), 100–108.
- Manyullei, S., Musbir, A. L., Natsir, M. F., & Agus, M. A. A. (2025). Spatial Analysis of the Presence of Rats in three Student Housing Areas of Makassar City State Universities. *Journal of Public Health*, 13(1), 54–62.
- Manyullei, S., Natsir, M. F., & Batkunda, A. (2020). Identification of rat density and ectoparasites in seaport area of manokwari, Papua Province. *Open Access Macedonian Journal of Medical Sciences*, 8(E), 204–208.

- Marquina, D., Buczek, M., Ronquist, F., & Łukasik, P. (2021). The effect of ethanol concentration on the morphological and molecular preservation of insects for biodiversity studies. *PeerJ*, 9, e10799.
- Maulana, H. C., Windusari, Y., & Hasyim, H. (2025). Literatur Review: Faktor Lingkungan yang Mempengaruhi Kejadian Leptospirosis di Indonesia. *Jurnal Ilmiah Permas: Jurnal Ilmiah STIKES Kendal*, 15(2), 297–310.
- Meerburg, B. G., Singleton, G. R., & Kijlstra, A. (2009). Rodent-borne diseases and their risks for public health. *Critical Reviews in Microbiology*, 35(3), 221–270.
- Modlinska, K., & Pisula, W. (2020). The Norway rat, from an obnoxious pest to a laboratory pet. *Elife*, 9, e50651.
- Modlinska, K., Stryjek, R., & Pisula, W. (2015). Food neophobia in wild and laboratory rats (multi-strain comparison). *Behavioural Processes*, 113, 41–50.
- Motro, Y., Ghendler, Y., Muller, Y., Goldin, Y., Chagina, O., Rimón, A., Harel, Y., & Motro, U. (2019). A comparison of trapping efficacy of 11 rodent traps in agriculture. *Mammal Research*, 64(3), 435–443.
- Mulyana, A. N. (2017). *Keberhasilan pemerangkapan tikus dengan tiga jenis umpan pada habitat luar rumah di Dramaga, Bogor*.
- Musso, A. E. (2016). *Contributions to the development of effective food baits and pheromone lures for capturing mice and rats*.
- Ningrum, S. A., & Kartika, D. (2023). *Manajemen Pengendalian Vektor*. Uwais Inspirasi Indonesia.
- Nugroho, A., Adi, M. S., & Nurjazuli, N. (2023). Spatial Analysis of Environmental Conditions in The Incidence of Leptospirosis in Kebumen Regency. *Jurnal Kesehatan Lingkungan Indonesia*, 22(2), 170–178.
- Nurvita, S. (2023). Pemetaan Epidemiologi Leptospirosis Berbasis Sistem Informasi Geografis Tahun 2021-2022. *PREPOTIF: Jurnal Kesehatan Masyarakat*, 7(3), 16754–16761.
- Nuswantoro, U. D. (2017). *Hewan Coba : FM-UDINUS-BM-17-17/R0*.
- Obiegala, A., Arnold, L., Pfeffer, M., Kiefer, M., Kiefer, D., Sauter-Louis, C., & Silaghi, C. (2021). Host–parasite interactions of rodent hosts and ectoparasite communities from different habitats in Germany. *Parasites & Vectors*, 14(1), 112.
- Page's, M., Chaval, Y., Herbreteau, V., Waengsothorn, S., Cosson, J.-F., Hugot, J.-P., Morand, S., & Michaux, J. (2010). Revisiting the taxonomy of the Rattini tribe: a phylogeny-based delimitation of species boundaries. *BMC Evolutionary Biology*, 10(1), 184.
- Panti-May, J. A., Carvalho-Pereira, T. S. A., Serrano, S., Pedra, G. G., Taylor, J., Pertile, A. C., Minter, A., Airam, V., Carvalho, M., & Júnior, N. N. (2016). A two-year ecological study of Norway rats (*Rattus norvegicus*) in a Brazilian urban slum. *PloS One*, 11(3), e0152511.
- Parkinson, C. M., O'Brien, A., Albers, T. M., Simon, M. A., Clifford, C. B., & Pritchett-Corning, K. R. (2011). Diagnosis of ecto-and endoparasites in laboratory rats and mice. *Journal of Visualized Experiments: JoVE*, 55, 2767.
- Parsons, M. H., Banks, P. B., Deutsch, M. A., Corrigan, R. F., & Munshi-South, J. (2017). Trends in urban rat ecology: a framework to define the prevailing knowledge gaps and incentives for academia, pest management professionals (PMPs) and public health agencies to participate. *Journal of Urban Ecology*, 3(1), jux005.
- Phipatanakul, W., Matsui, E., Portnoy, J., Williams, P. B., Barnes, C., Kennedy, K., Bernstein, D., Blessing-Moore, J., Cox, L., & Khan, D. (2012). Environmental

- assessment and exposure reduction of rodents: a practice parameter. *Annals of Allergy, Asthma & Immunology*, 109(6), 375–387.
- Pinardi, T. (2017). *Teknik Survei dan Identifikasi Tikus*. Forum Ilmiah Kesehatan.
- PPC, P. P. C. (2019). *Technical pest control and management feature articles*. https://www.ppconline.org/technical-features/rat-behaviour-in-rodent-control?utm_source=chatgpt.com
- Prabandari, R., Yuliawati, S., Retno, H., Kusariana, N., & Martini, M. (2022). Gambaran Lingkungan RW 01 Kelurahan Ngemplak Simongan (Studi di Pasar dan Permukiman). *Jurnal Riset Kesehatan Masyarakat*, 2(3).
- Priyanto, D., & Raharjo, J. (2020). Domestikasi tikus: kajian perilaku tikus dalam mencari sumber pangan dan membuat sarang. *Journal Kolegium*, 16(1), 67–78.
- Purbaningsih, V. C., & Widyanto, A. (2019). Deskripsi Jumlah dan Spesies Tikus di Desa Banjarpanepen Kecamatan Sumpiuh. *Buletin Keslingmas*, 38(4), 328–335.
- Raharjo, J., & Wijayanti, T. (2021). Keragaman, Dominasi Tikus Silvatik, Kepadatan Pinjal dan Kewaspadaan Pes di Daerah Fokus Pes di Kecamatan Cepogo Kabupaten Boyolali. *Balaba: Jurnal Litbang Pengendalian Penyakit Bersumber Binatang Banjarnegara*, 47–56. <https://doi.org/10.22435/blb.v17i1.1655>
- Rahayu, M., Pakki, T., & Sukmawati, T. (2014). Preferensi dan Kemampuan Makan Tikus Rumah (*Rattus-rattus diardii*) pada Beberapa Varietas Beras (*Oryza sativa* L.) di Penyimpanan. *Jurnal Agroteknos*, 4(1), 244400.
- Rahmah, A. (2020). *Variasi Morfologi Tikus Sundamys (Ordo: Rodentia) Asal Populasi Kalimantan Dan Sumatera*.
- Ramadani, P. (2024). *Penggunaan Variasi Umpan Pada Pengendalian Tikus Di Bandara Internasional Sultan Hasanuddin*.
- Rasyid, Z., Sari, N. P., Lusiana, N., & Sohor, S. (2024). Analisis Sanitasi Lingkungan Dan Keberadaan Vektor Tikus Di Panti Asuhan Al-Istiklal. *Al-Tamimi Kesmas: Jurnal Ilmu Kesehatan Masyarakat (Journal of Public Health Sciences)*, 13(1), 145–158.
- Ridwan, V. F. (2021). Penerapan Buffer Analysis dalam bidang Teknik Sipil dan Lingkungan. *Journal of Applied Civil and Environmental Engineering*, 1(2), 61–66.
- Ristiyo, R., Mulyono, A., Sih Joharina, A., Handayani, F. D., Pradipta, A., & Kinansih, R. R. (2020). Korelasi Densitas Relatif Tikus, Pinjal dan Curah Hujan terhadap Kasus Pes di Daerah Endemik Pes Taman Nasional Gunung Bromo Tengger, Pasuruan, Jawa Timur. *Jurnal Biologi Indonesia*, 16(2), 217–225.
- Ro'in, N. F. (2024). Gambaran Angka Kepadatan Tikus Dan Indeks Pinjal Di Pelabuhan Tanjung Perak Surabaya. *Jurnal Kesehatan Masyarakat Indonesia (JKMI)*, 1(3), 30–34.
- Robins, J. H., Tintinger, V., Aplin, K. P., Hingston, M., Matisoo-Smith, E., Penny, D., & Lavery, S. D. (2014). Phylogenetic species identification in *Rattus* highlights rapid radiation and morphological similarity of New Guinean species. *PloS One*, 9(5), e98002.
- Ropuia, H., Ramliana, V., Pautu, L., Rosangkima, G., Vanlalawmpuii, R., & Ramdinthara, Z. (2025). Detection and molecular identification of scrub typhus vectors and pathogens from rice field rats, a traditional food item of Mizo tribes in Mizoram, Northeast India. *BMC Veterinary Research*, 21(1), 158.
- Rusman, N. R. A. DA. (2021). Identifikasi Ektoparasit Dan Endoparasit Pada Tikus Di Tpa Tamangapa Kecamatan Manggala Kota Makassar. *Skripsi*.

- Saharuddin, N. A. (2017). *Abundance of rats (family: muridae) at food stalls and restaurants in Jeli, Kelantan*. Universiti Malaysia Kelantan.
- Sanaky, M. J. (2021). *Penerapan Komunikasi Kesehatan Untuk Pencegahan Penyakit Leptospirosis Pada Masyarakat*. 10, 720–727.
- Santos, N. D. J., Sousa, E., Reis, M. G., Ko, A. I., & Costa, F. (2017). *Rat infestation associated with environmental deficiencies in an urban slum community with high risk of leptospirosis transmission Infestação por roedores associada a fatores ambientais numa comunidade carente com alto risco de transmissão da leptospirose*. 33(2), 1–13. <https://doi.org/10.1590/0102-311X00132115>
- Sapakoly, V., & Papilaya, F. S. (2023). Analisis Pola Persebaran dan Keterjangkauan SMA/SMK di Kota Salatiga Menggunakan Analisis Buffering & Nearest Neighbor. *Jurnal Sistem Informasi Dan Informatika (Simika)*, 6(1), 1–9.
- Saragih, R. K. P., Martini, M., & Tarwatjo, U. (2019). Jenis dan kepadatan tikus di panti asuhan “X” Kota Semarang. *Jurnal Kesehatan Masyarakat*, 7(1), 260–270.
- Sari, M. D., Setyaningrum, E., Rosa, E., & Sutyarso, S. (2020). Identifikasi ektoparasit pada tikus (*Rattus* sp.) sebagai vektor penyakit pes di areal pelabuhan panjang kota Bandar Lampung. *Jurnal Medika Malahayati*, 4(2), 120–128.
- Sembiring, D. Y. (2024). *Identifikasi Kepadatan Tikus dan Keberadaan Bakteri Leptospira Sp. Pada Tikus di Desa Pitue Kecamatan Ma'rang Tahun 2024*.
- Setiyani, E. (2016). *Hubungan Sanitasi Rumah Dan Kepadatan Tikus Dengan Infeksi Bakteri Leptospira Sp Pada Tikus (Studi Di Kecamatan Gajah Mungkur Kota Semarang)*. Diponegoro University.
- Setiyani, E., Martini, M., & Saraswati, L. D. (2018). The Presence Of Rat And House Sanitation Associated With *Leptospira* sp. Bacterial Infection In Rats (A Cross Sectional Study In Semarang, Central Java Province, Indonesia). *E3S Web of Conferences*, 31, 6008.
- Shadiq, M., Respito, A., Santriana, S., & Agustiany, D. (2024). Efektivitas Jenis Umpan dan Spesies Tikus di Pabrik Gilingan Gabah Desa Malonas Kecamatan Dampelas Kabupaten Donggala. *Banua: Jurnal Kesehatan Lingkungan*, 4(2), 66–71.
- Shahwar, D. e, Azeem, S. A., Kawan, A., Mukhtar, H., Sajawal, A., Noureen, S., & Khalil, S. (2024). Significance of additives to enhance the acceptance of poison bait in poultry rodents of Haripur, Khyber Pakhtunkhwa, Pakistan. *Plos One*, 19(1), e0272397.
- Singleton, G. R., Lorica, R. P., Htwe, N. M., & Stuart, A. M. (2021). Rodent management and cereal production in Asia: Balancing food security and conservation. *Pest Management Science*, 77(10), 4249–4261.
- Siska, S., & Budirman, B. (2021). Kemampuan Variasi Umpan Dalam Menangkap Tikus Di Industri Tahu Kecamatan Baranti Kabupaten Sidrap. *Sulolipu: Media Komunikasi Sivitas Akademika Dan Masyarakat*, 21(1), 112–118.
- Smith, J. E., Friedman, M. I., & Paul, L. . A. (2001). Conditioned food aversion in *Suncus murinus* (house musk shrew) — a new model for the study of nausea in a species with an emetic reflex. *Physiology & Behavior*, 73(4). https://www.sciencedirect.com/science/article/abs/pii/S0031938401005388?utm_source=chatgpt.com&__cf_chl=tk=sCadTdersZewq0_faYV9gwAKaTjX7cV4p0ppRt3iN6w-1753008525-1.0.1.1-pm0NWJfqMDQVMTsonvxBeM.DGyGKGt8fLh4iQTZ1Djl
- Stanko, M., Fričová, J., Miklišová, D., Khokhlova, I. S., & Krasnov, B. R. (2015). Environment-related and host-related factors affecting the occurrence of lice on

- rodents in Central Europe. *Parasitology*, 142(7), 938–947.
- Stryjek, R., & Modlinska, K. (2016). Neophobia in wild rats is elicited by using bait stations but not bait trays. *International Journal of Pest Management*, 62(2), 158–164.
- Stuart, A. M., Presscott, C. V., & Singleton, G. R. (2008). Rodent diversity in the lowland agro-ecosystems of the Sierra Madre Biodiversity Corridor (SMBC), Philippines. *The Technical Journal of Philippine Ecosystems and Natural Resources*, 18(January), 111–128.
- Sudianto, A., & Sadali, M. (2018). Penerapan Sistem Informasi Geografis (GIS) dalam Pemetaan Kerajinan Kain Tenun dan Gerabah untuk Meningkatkan Potensi Kerajinan di Kabupaten Lombok Timur. *Infotek: Jurnal Informatika Dan Teknologi*, 1(2), 71–78.
- Susanna, D., Nova, R. I. T., & Rozek, L. (2021). The existence and characteristics of rats and shrews in endemic leptospirosis areas and types of ectoparasites: a case study of West Jakarta, Indonesia. *F1000Research*, 10, 335.
- Sutono, S., & Pamungkas, A. P. (2021). Penerapan Metode Eksperimen Semu Pada Sistem Informasi Persediaan dan Penjualan Obat di Apotek Berbasis Web-Base. *Media Jurnal Informatika*, 12(2), 44.
- Syafri, S., & Rahman, R. (2021). Analisis Peningkatan Kualitas Permukiman Kumuh Kelurahan Tallo Kecamatan Tallo Kota Makassar. *Journal of Urban Planning Studies*, 1(2), 105–113.
- Vashishtha, A., Kumar, V., Panwar, G., Kausik, G., Baig, S., Sharma, P., & Yadav, R. (2025). Scrub typhus update: A re-emerging global threat beyond the Tsutsugamushi Triangle and the physiological ramifications of scrub typhus infection. *World Academy of Sciences Journal*, 7(3), 34.
- Villafañe, I. E. G., Muschetto, E., & Busch, M. (2008). Movements of Norway rats (*Rattus norvegicus*) in two poultry farms, Exaltación de la Cruz, Buenos Aires, Argentina. *Mastozoología Neotropical*, 15(2), 203–208.
- Wahyuni, D. (2022). Higiene Sanitasi terhadap Keberadaan Vektor Tikus di RT. 02 RW. 03 Kecamatan Bantan Kabupaten Bengkalis Tahun 2021. *Photon: Jurnal Sain Dan Kesehatan*, 12(2), 133–140.
- Wahyuni, S., & Sulasmi, S. (2024). Kemampuan Variasi Umpan Dalam Mengendalikan Vektor Tikus Di Pabrik Beras Kecamatan Tanete Rilau Kabupaten Barru. *Sulolipu: Media Komunikasi Sivitas Akademika Dan Masyarakat*, 24(1), 163–172.
- Wati, D. P., Ilyas, S., & Yunardi. (2024). *Prinsip Dasar Tikus sebagai Model Penelitian*. USU Press.
- Watson, J. (2008). New building, old parasite: mesostigmatid mites—an ever-present threat to barrier rodent facilities. *ILAR Journal*, 49(3), 303–309.
- WHO, W. H. O. (2022). *Plague*. <https://www.who.int/news-room/fact-sheets/detail/plague>
- Wibowo, G. S., & Priyambodo, S. (2024). Feed Preference Tests of Carbohydrate, Protein, and Rodenticide to Tree Rat, House Rat, and Rice Field Rat. *International Journal of Life Science and Agriculture Research*, 03(01), 27–35. <https://doi.org/10.55677/ijlsar/v03i1y2024-05>
- Wulandari, I. S., & Satoto, T. B. T. (2023). Potential transmission of leptospirosis from rats and ectoparasites in the Health Office of Port of Surabaya Class I. *BKM Public Health and Community Medicine*, 39(09), e9756–e9756.
- Wulandari, I. S., Satoto, T. B. T., & Ristiyanto. (2023). *Potensi Penularan Leptospirosis dari Tikus dan Ektoparasit Studi Kasus di Wilayah Kerja*

Pelabuhan Tanjung Perak dan Wilayah Kerja Pelabuhan Gresik Kantor Kesehatan Pelabuhan Keas I Surabaya.

- Wulandari, K. D. (2023). *Preferensi Umpan Tikus Dalam Upaya Pengendalian Vektor Di Bandar Udara Radin Inten li Lampung*. Universitas Lampung.
- Yu, R., Guo, X., Lv, Y., Yin, P., Song, W., Peng, P., Qian, T., Xiang, R., Chen, Y., & Li, B. (2025). Distribution and Host Selection of the Chigger Mite *Leptotrombidium rupestre*, a Potential Vector of Scrub Typhus, in Southwest China. *Veterinary Medicine and Science*, 11(2), e70240.
- Yuliadi, B., Muhidin, & Indrayani, S. (2016). *Tikus Jawa, Teknik Survei Di Bidang Kesehatan*. Badan Penelitian Dan Pengembangan Kesehatan Kementerian Kesehatan RI.
- Zakaria, T., Seprido, S., & Wahyudi, W. (2021). Kajian Jenis-Jenis Tikus Dan Persentase Serangan Pada Tanaman Menghasilkan (TM) Perkebunan Kelapa Sawit Bukit Payung Estate Pt. Tri Bakti Sarimas. *Green Swarnadwipa: Jurnal Pengembangan Ilmu Pertanian*, 10(3), 502–511.
- Zhao, F., Zhang, T., Su, J., Huang, Z., Wu, A., & Lin, G. (2018). Genetic differentiation of the oriental rat flea, *Xenopsylla cheopis*, from two sympatric host species. *Parasites & Vectors*, 11(1), 343.
- Zhi, G. Y. X. K. X. Z. (1990). Cereal grain preference of rats. *National Library of Medicine*.