

DAFTAR PUSTAKA

- Adi, K., Pujiyanto, S., Gernowo, R., Pamungkas, A., dan Putranto, A. B., 2016, Identifying the developmental phase of Plasmodium falciparum in malaria-infected red blood cells using adaptive color segmentation and back propagation neural network. *International Journal of Applied Engineering Research*, Vol. 1, No. 15, Halaman: 8754-8759.
- Adi, K., Gernowo, R., Sugiharto, A., Pamungkas, A., Putranto, A. B., dan Mirnasari, N., 2013, Autothresholding Segmentation For Tuberculosis Bacteria Identification In The Ziehl-Neelsen Sputum Sample, *In The 7th International Conference on Information & Communication Technology and Systems (ICTS)*, Halaman: 15-16.
- Cadena-Herrera, D., Esparza-De Lara, J. E., Ramírez-Ibañez, N. D., López-Morales, C. A., Pérez, N. O., Flores-Ortiz, L. F., dan Medina-Rivero, E. 2015, Validation of three viable-cell counting methods: secara visual langsung, semi-automated, and automated, *Biotechnology Reports*, Vol. 7, Halaman: 9-16.
- Contreras-Ruiz, L., A. Ghosh-Mitra, M. A. Shatos, D. A. Dartt, dan S. Masli., 2013, Modulation of conjunctival goblet cell function by inflammatory cytokines, *Mediators of Inflammation*, Halaman: 1–11.
- Destyningtias, B., Heranurweni, S. dan Nurhayati, T.. 2010, Segmentasi Citra Dengan Metode Pengembangan. *Jurnal ElektriKa*. Vol.2, No.1, Halaman: 39 – 49.
- Direktorat Jenderal Peternakan dan Kesehatan Hewan, 2017, *Buku Statistik Peternakan 2017*, Direktorat Jenderal Peternakan dan Kesehatan Hewan, Kementerian Pertanian Republik Indonesia, Jakarta.
- Grishagin, I. V., 2015, Automatic cell counting with ImageJ, *Analytical biochemistry*, Vol. 473, Halaman: 63-65.
- Horn, N. L., Donkin, S. S., Applegate, T. J., dan Adeola, O., 2009, Intestinal mucin dynamics: response of broiler chicks and White Pekin ducklings to dietary threonine, *Poultry science*, Vol. 88, No. 9, Halaman: 1906-1914.

- Jahanian, E., Mahdavi, A. H., Asgary, S., dan Jahanian, R., 2016, Effect of dietary supplementation of mannanoligosaccharides on growth performance, ileal microbial counts, and jejunal morphology in broiler chicks exposed to aflatoxins. *Livestock Science*, Vol. 190, Halaman: 123-130.
- Ji, X., Zhao, C., Gong, halaman, Li, Q., dan Yu, Y., 2016, Research on high-accuracy biological microscopic imaging and cell counting system, *Optik-International Journal for Light and Electron Optics*, Vol. 127, No. 23, Halaman: 11483-11491.
- Johnston, G., 2010, Automated handheld instrument improves counting precision across multiple cell lines, *Bio Techniques*, Vol. 48, No. 4, Halaman: 325-327.
- Kadir dan Susanto, 2012. *Teori dan Aplikasi Pengolahan Citra*, Andi, Yogyakarta.
- Kim, S. I., Kim, H. J., Lee, H. J., Lee, K., Hong, D., Lim, H., dan Yi, Y. W., 2016, Application of a non-hazardous vital dye for cell counting with automated cell counters, *Analytical biochemistry*, Vol. 492, Halaman: 8-12.
- Kotte, S., Kumar, P. R., dan Injeti, S. K., 2016, An efficient approach for optimal multilevel thresholding selection for gray scale images based on improved differential search algorithm, *Ain Shams Engineering Journal*.
- Kumaseh, M. R., Latumakulita, L., dan Nainggolan, N., 2013, Segmentasi citra digital ikan menggunakan metode thresholding, *Jurnal Ilmiah Sains*, Vol. 13, No. 1, Halaman: 74-79.
- Luna, L. G., 1968, Manual of Histologic Staining Methods of the Armed Forces Institute of Pathology, *McGraw-Hill*, New York, NY.
- Maitra, M., Gupta, R. K., dan Mukherjee, M., 2012, Detection and counting of red blood cells in blood cell images using hough transform. *International journal of computer applications*, Vol. 53, No. 16.
- Mirnasari, N., dan Adi, K., 2013, Aplikasi Metode Otsu Untuk Identifikasi Bakteri Tuberkulosis Secara Otomatis, *Youngster Physics Journal*, Vol. 2, No. 2, Halaman: 13-20.

- Osho, S. O., Wang, T., Horn, N. L., dan Adeola, O., 2017, Comparison of goblet cell staining methods in jejunal mucosa of turkey poult. *Poultry science*, Vol. 96, No. 3, Halaman: 556-559.
- Pamungkas, A., Adi, K., dan Anam, C. (2012), Penghitungan Otomatis Jumlah Sel Darah Merah dan Identifikasi Fase Plasmodium Falciparum menggunakan Operasi Morfologi. *Youngster Physics Journal*, Vol. 1, No. 1.
- Piccinini, F., Tesei, A., Paganelli, G., Zoli, W., dan Bevilacqua, A., 2014, Improving reliability of live/dead cell counting through automated image mosaicking, *Computer methods and programs in biomedicine*, Vol. 117, No. 3, Halaman: 448-463.
- Prasetyo, E., 2011, *Pengolahan Citra Digital dan Aplikasinya Menggunakan Matlab*, Andi, Yogyakarta.
- Santos, E. M. D. S., dan Marcai, A. R. S., 2017, Segmentation of microscopic images for pollen grains detection. *In 8th International Conference of Pattern Recognition Systems (ICPRS 2017)*, Halaman: 1-6.
- Spicer, S. S., 1960, A correlative study of histochemical properties of rodent acid mucopolysaccharides, *Journal of Histochemistry and Cytochemistry*, Vol. 8, Halaman: 18–35.
- Sujito, S., dan Yunus, M., 2016, Perbandingan strategi pelabelan objek pada citra digital dengan metode flood filling, *Jurnal teknologi informasi: Teori, Konsep, dan Implementasi*, Vol. 7, No. 2.
- Smith, A. R., 1978, Color gamut transform pairs, *ACM Siggraph Computer Graphics*, Vol. 12, No. 3, Halaman: 12-19.
- Uni, Z., Smirnov, A., & Sklan, D., 2003, Pre-and posthatch development of goblet cells in the broiler small intestine: effect of delayed access to feed. *Poultry Science*, Vol. 82, No. 2, Halaman: 320-327.
- Van De Sande, K., Gevers, T., dan Snoek, C., 2010, Evaluating color descriptors for object and scene recognition, *IEEE transactions on pattern analysis and machine intelligence*, Vol. 32, No. 9, Halaman: 1582-1596.

Zou, J., dan Kim, H., 2007., Using *hue*, *saturation*, and *value* color space for hydraulic excavator idle time analysis, *Journal of computing in civil engineering*, Vol. 21, No. 4, Halaman: 238-246.