

## DAFTAR PUSTAKA

- Haji-Hashemi, Hedieh, Parviz Norouzi, Mohammad Reza Safarnejad, and Mohammad Reza Ganjali. 2017. "Label-Free Electrochemical Immunosensor for Direct Detection of Citrus Tristeza Virus Using Modified Gold Electrode." *Sensors and Actuators, B: Chemical* 244: 211–16.  
<https://doi.org/10.1016/j.snb.2016.12.135>.
- Halliday, D. Resnick, R. Walker, J. 2011. *Fundamental of Physics*. 9th ed. United states of Amerika: John Wiley & Sons, Inc.
- Harmer, Stacey L. 2009. "The Circadian System in Higher Plants." *Annual Review of Plant Biology* 60: 357–77.  
<https://doi.org/10.1146/annurev.arplant.043008.092054>.
- Hartmann, Christoph, Jue Wang, Daniel Opristescu, and Wolfram Volk. 2018. "Implementation and Evaluation of Optical Flow Methods for Two-Dimensional Deformation Measurement in Comparison to Digital Image Correlation." *Optics and Lasers in Engineering* 107 (March): 127–41.  
<https://doi.org/10.1016/j.optlaseng.2018.03.021>.
- Hua, Jian. 2013. "Modulation of Plant Immunity by Light, Circadian Rhythm, and Temperature." *Current Opinion in Plant Biology* 16 (4): 406–13.  
<https://doi.org/10.1016/j.pbi.2013.06.017>.
- Ilg E, Fischer P, Philip H, Hazırbas C, Golkov V, Cremers D, et al. 2009. "FlowNet : Learning Optical Flow with Convolutional Networks." 49 (1): 78–84.
- Inoue, Keisuke, Takashi Araki, and Motomu Endo. 2018. "Oscillator Networks with Tissue-Specific Circadian Clocks in Plants." *Seminars in Cell and Developmental Biology* 83: 78–85.  
<https://doi.org/10.1016/j.semdb.2017.09.002>.
- Iskandar, Mayang. 2017. "Perancangan Peralatan Monitoring Pergerakan Tanaman Untuk Mempelajari Ritme Sirkadian Dengan Variasi Interval Pencahayaan."
- Noya, Vendira H. P., F. Y. Rumlawang, and Y. A. Lesnussa. 2014. "Aplikasi Transformasi Fourier Untuk Menentukan Periode Curah Hujan (Studi Kasus: Periode Curah Hujan Di Kabupaten Seram Bagian Barat, Provinsi Maluku)." *Jurnal Matematika Integratif* 10 (2): 85.  
<https://doi.org/10.24198/jmi.v10.n2.10251.85-94>.
- Nugroho, Andri Prima, Takashi Okayasu, Atsushige Sakai, Eiji Inoue, Yasumaru Hirai, Muneshi Mitsuoka, and Lilik Sutiarto. 2016. "Automatic Leaf Motion Analysis Using Optical Flow to Diagnose Plant Behavior in Response to Environmental Changes." *Proceedings of the 8th International Symposium on Machinery and Mechatronics for Agriculture and Biosystems Engineering (ISMAB)*, no. October: 848–53.

- Onai, Kiyoshi, Kazuhisa Okamoto, Harumi Nishimoto, Chisato Morioka, Minako Hirano, Nobunori Kami-ike, and Masahiro Ishiura. 2004. "Large-Scale Screening of Arabidopsis Circadian Clock Mutants by a High-Throughput Real-Time Bioluminescence Monitoring System." *Plant Journal* 40 (1): 1–11.  
<https://doi.org/10.1111/j.1365-313X.2004.02191.x>.
- Prabhakar, D. V.N., M. Sreenivasa Kumar, and A. Gopala Krishna. 2020. "A Novel Hybrid Transform Approach with Integration of Fast Fourier, Discrete Wavelet and Discrete Shearlet Transforms for Prediction of Surface Roughness on Machined Surfaces." *Measurement: Journal of the International Measurement Confederation* 164: 108011.  
<https://doi.org/10.1016/j.measurement.2020.108011>.
- Prihatman, Kemal. 2000. "Jeruk." *Sistim Informasi Manajemen Pembangunan Di Perdesaan, BAPPENAS*, 1–16.
- Putra, Adetya Raya. 2017. "IDENTIFIKASI PERIODE SIRKADIAN TANAMAN CABAI MERAH BERDASARKAN PROYEKSI VERTIKAL DAN HORIZONTAL PADA SISTEM MONITORING PERGERAKAN TANAMAN."
- Rahmawati, Is Wlidy. 2017. "Kajian Variasi Interval Waktu Pengambilan Citra Pergerakan Tanaman Yang Optimum Pada Sistem Monitoring Ritme Sirkadian Tanaman Tomat."
- Rehman, Tanzeel U., Libo Zhang, Liangju Wang, Dongdong Ma, Hideki Maki, José A. Sánchez-Gallego, Michael V. Mickelbart, and Jian Jin. 2020. "Automated Leaf Movement Tracking in Time-Lapse Imaging for Plant Phenotyping." *Computers and Electronics in Agriculture* 175 (November 2019): 105623.  
<https://doi.org/10.1016/j.compag.2020.105623>.
- Resco de Dios, Víctor, Arthur Gessler, Juan Pedro Ferrio, Josu Alday, Michael Bahn, Jorge del Castillo, Sébastien Devidal, et al. 2017. "Circadian Rhythms Regulate the Environmental Responses of Net CO<sub>2</sub> Exchange in Bean and Cotton Canopies." *Agricultural and Forest Meteorology* 239: 185–91.  
<https://doi.org/10.1016/j.agrformet.2017.03.014>.
- Ruymbeek, Koen, and Wim Vanroose. 2020. "Algorithm for the Reconstruction of Dynamic Objects in CT-Scanning Using Optical Flow." *Journal of Computational and Applied Mathematics* 367: 112459.  
<https://doi.org/10.1016/j.cam.2019.112459>.
- Srivastava, Deepti, Md Shamim, Mahesh Kumar, Anurag Mishra, Rashmi Maurya, Divakar Sharma, Pramila Pandey, and K. N. Singh. 2019. "Role of Circadian Rhythm in Plant System: An Update from Development to Stress Response." *Environmental and Experimental Botany* 162 (February): 256–71.  
<https://doi.org/10.1016/j.envexpbot.2019.02.025>.
- Vishniakou, Ivan, Paul G. Plöger, and Johannes D. Seelig. 2019. "Virtual Reality for Animal Navigation with Camera-Based Optical Flow Tracking." *Journal of Neuroscience Methods* 327 (March): 108403.  
<https://doi.org/10.1016/j.jneumeth.2019.108403>.

- Wagner, Nicolas, Marie Madeleine Mialon, Karen Helle Sloth, Romain Lardy, Dorothée Ledoux, Mathieu Silberberg, Alice de Boyer des Roches, and Isabelle Veissier. 2020. "Detection of Changes in the Circadian Rhythm of Cattle in Relation to Disease, Stress, and Reproductive Events." *Methods*, no. September: 1–8. <https://doi.org/10.1016/j.ymeth.2020.09.003>.
- Widiyatmoko, Arifin. 2019. "Ritme Sirkadian Yang Dibentuk Oleh Tanaman Dapat Digunakan Untuk Mempelajari Perilaku Tanaman Baik Dalam Kondisi Lingkungan Yang Konstan Ataupun Dinamis."
- Zhai, Mingliang, Xuezhong Xiang, Rongfang Zhang, Ning Lv, and Abdulmotaleb El Saddik. 2019. "Optical Flow Estimation Using Channel Attention Mechanism and Dilated Convolutional Neural Networks." *Neurocomputing* 368: 124–32. <https://doi.org/10.1016/j.neucom.2019.08.040>.
- Zhang, Dechuan, Xiaoshu Cai, and Wu Zhou. 2018. "Two-Dimensional Self-Adapting Fast Fourier Transform Algorithm for Nanoparticle Sizing by Ultrafast Image-Based Dynamic Light Scattering." *Particuology* 41: 74–84. <https://doi.org/10.1016/j.partic.2017.10.013>.