

DAFTAR PUSTAKA

- Ahsan, M., D. A. Nugraha, A. Yunus, A. E. Budianto, W. Setyaningsih, A. Firniawan, and M. Susilowati. 2021. "K-Nearest Neighbor Method for Detecting Egg Quality Conditions Using Raspberry Pi." in Journal of Physics: Conference Series. Vol. 1869. IOP Publishing Ltd.
- Aldair, Ammar A., Abdulmuttalib T. Rashid, and Mastaneh Mokayef. n.d.-a. Design and Implementation of Intelligent Control System for Egg Incubator Based on IoT Technology.
- Aldair, Ammar A., Abdulmuttalib T. Rashid, and Mastaneh Mokayef. n.d.-b. Design and Implementation of Intelligent Control System for Egg Incubator Based on IoT Technology.
- Anon. 3AD. "Mengenal Apa Itu Thermal Camera Serta Cara Kerjanya." Posted on Desember 3, 2020 by Uri Tanotoin News, Tips & Trick 1–7.
- Anon. n.d. "Mortalitas."
- Dong, Jun, Bing Lu, Ke He, Bingquan Li, Binghe Zhao, and Xiuying Tang. 2021. "Assessment of Hatching Properties for Identifying Multiple Duck Eggs on the Hatching Tray Using Machine Vision Technique." Computers and Electronics in Agriculture 184. doi: 10.1016/j.compag.2021.106076.
- Han, Yunhyeok, Barnabas Abraham Tarakey, Suk Ju Hong, Sang Yeon Kim, Eungchan Kim, Chang Hyup Lee, and Ghiseok Kim. 2021. "Calibration and Image Processing of Aerial Thermal Image for UAV Application in Crop Water Stress Estimation." Journal of Sensors 2021. doi: 10.1155/2021/5537795.
- I.T.S. Engineering College. Department of Electrical and Electronics Engineering, and Institute of Electrical and Electronics Engineers. n.d. 2018 International Conference on "Sustainable Energy, Electronics & Computing Systems (SEEMS) : October 26-27, 2018.
- Lin, Chern Sheng, Po Ting Yeh, Der Chin Chen, Yih Chih Chiou, and Chi Hung Lee. 2013. "The Identification and Filtering of Fertilized Eggs with a Thermal Imaging System." Computers and Electronics in Agriculture 91:94–105. doi: 10.1016/j.compag.2012.12.004.
- f, R. n.d. Pre-Incubation Holding of Hatching.



- Omar, M. F., H. C. M. Haris, M. N. Hidayat, I. Ismail, and M. N. Seroji. 2016. "Smart Eggs Incubator System." *International Journal of Simulation: Systems, Science and Technology* 17(41):35.1-35.7. doi: 10.5013/IJSSST.a.17.41.35.
- Purwanti, Siti, Anita Febriani, Mardeni, and Yuda Irawan. 2021. "Temperature Monitoring System for Egg Incubators Using Raspberry Pi3 Based on Internet of Things (IoT)." *Journal of Robotics and Control (JRC)* 2(5):349–52. doi: 10.18196/jrc.25105.
- Rahmat, Zahir Zainuddin, and Andani Achmad. 2023. "Classification Of Fertile And Infertile Eggs Using Thermal Camera Image And Histogram Analysis: Technology Application In Poultry Farming Industry." Pp. 130–35 in *Proceedings of the 2023 IEEE International Conference on Industry 4.0, Artificial Intelligence, and Communications Technology, IAICT 2023*. Institute of Electrical and Electronics Engineers Inc.
- Sunardi, Sunardi, Shoffan Saifullah, and Anton Yudhana. 2017. "Identity Analysis of Egg Based on Digital and Thermal Imaging: Image Processing and Counting Object Concept Medical Image Segmentation Using Deep Learning and Bio-Inspired Meta-Heuristic Algorithms View Project SVM Classifier and Morphology Approach on Image Segmentation for Chicken Egg Embryo Detection View Project Identity Analysis of Egg Based on Digital and Thermal Imaging: Image Processing and Counting Object Concept." Article in *International Journal of Electrical and Computer Engineering* 7(1):200–208. doi: 10.11591/ijece.v7i1.12718.
- Tolentino, Lean Karlo S., Emmanuel G. Justine Enrico, Ralph Lawrence M. Listanco, Mark M. Anthony Ramirez, Ted Lorenz U. Renon, and Mark B. Rikko Samson. 2019. "Development of Fertile Egg Detection and Incubation System Using Image Processing and Automatic Candling." Pp. 701–6 in *IEEE Region 10 Annual International Conference, Proceedings/TENCON*. Vols. 2018-October. Institute of Electrical and Electronics Engineers Inc.
- Vidas, Stephen, Ruan Lakemond, Simon Denman, Clinton Fookes, Sridharan, and Tim Wark. 2012. "A Mask-Based Approach for the Geometric Calibration of Thermal-Infrared Cameras." *IEEE Transactions on Instrumentation and Measurement* 61(6):1625–35. doi:



10.1109/TIM.2012.2182851.

Widyaiswara Hairil, Try, and Anna Islamiyati. 2015. Penaksiran Parameter Model Kalibrasi Linier Yang Berdistribusi Skew-Normal Dengan Algoritma-EM. Vol. 12.

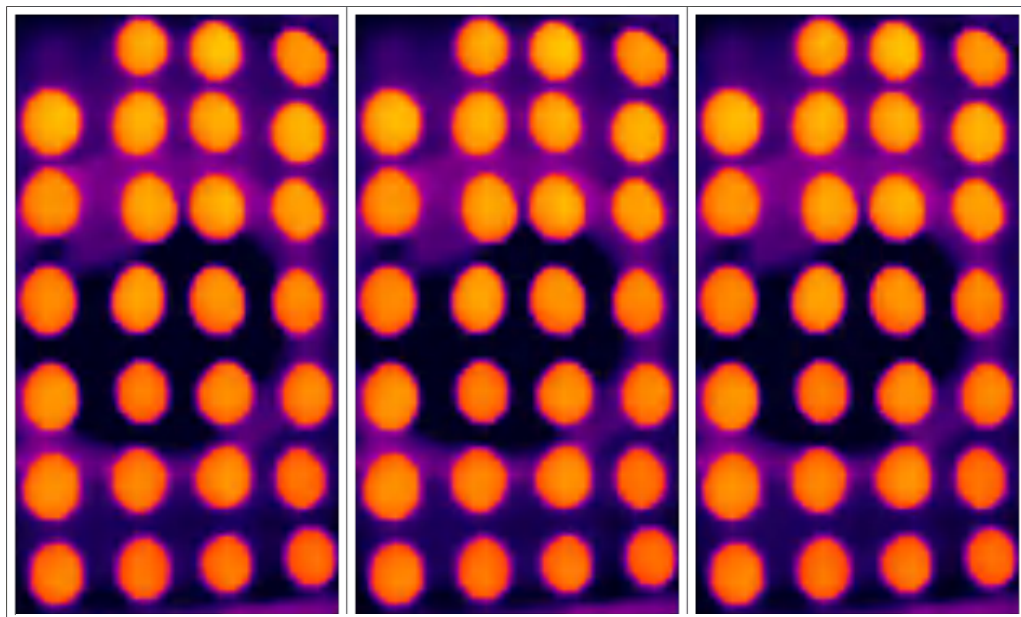
Yudhana, Anton, and Shoffan Saifullah. n.d. THERMAL IMAGING UNTUK IDENTIFIKASI TELUR. APPPTM.



LAMPIRAN



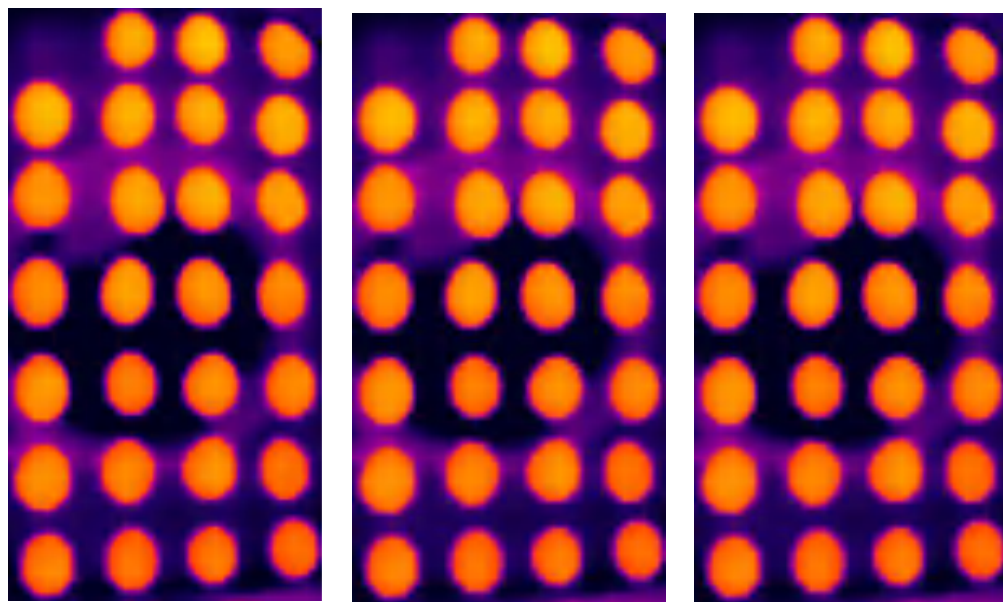
6. Citra Telur Berbasis Camera Thermal Hari 1-25 Pada Suhu 37,5 - 37,8°C



Hari 1

Hari 2

Hari 3

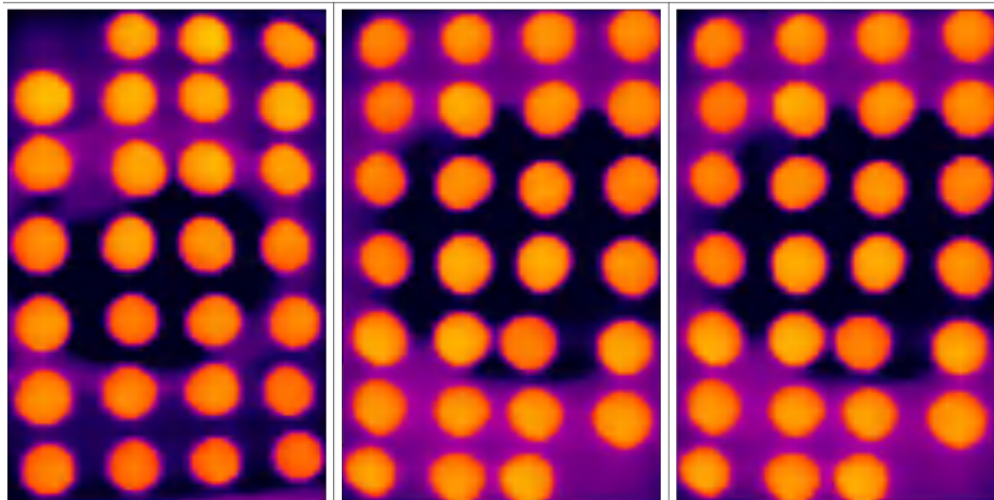


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Hari 5

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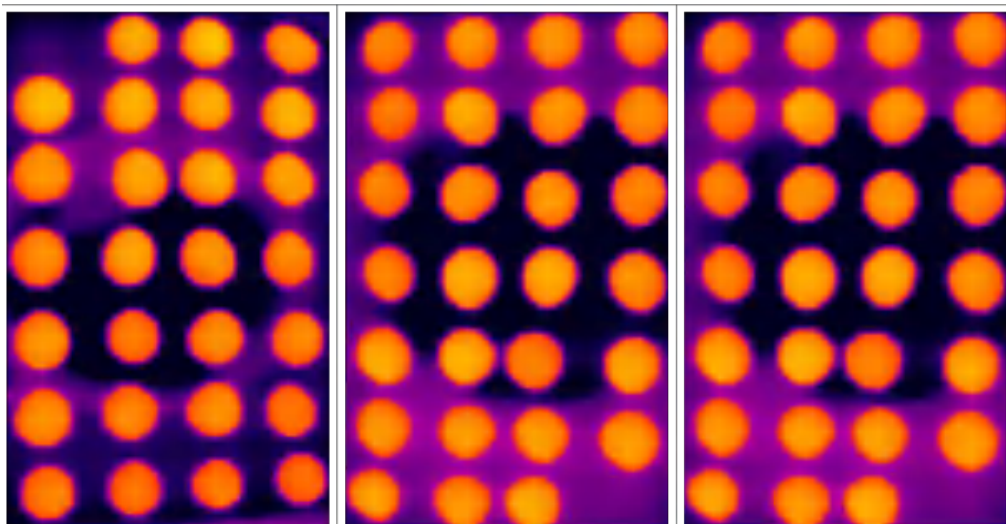




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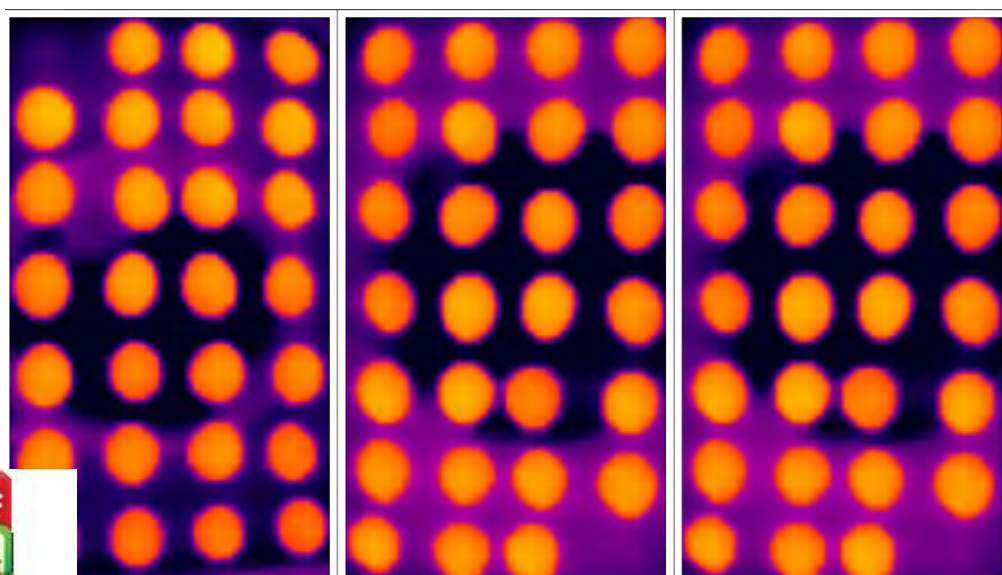
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Hari 11

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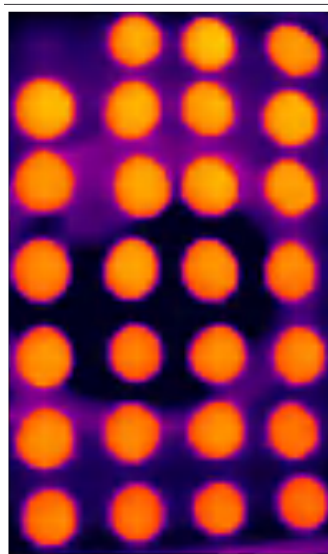


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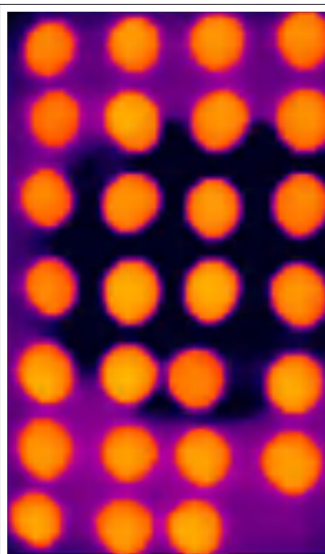
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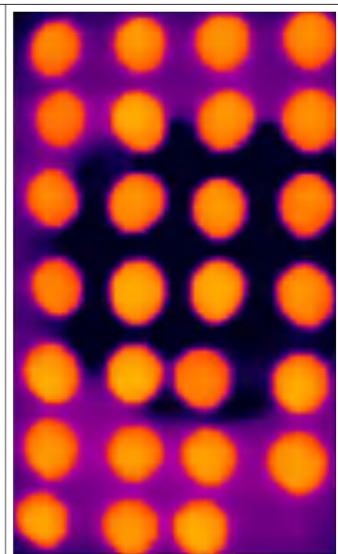




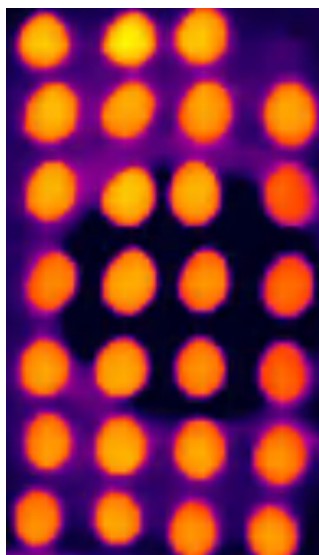
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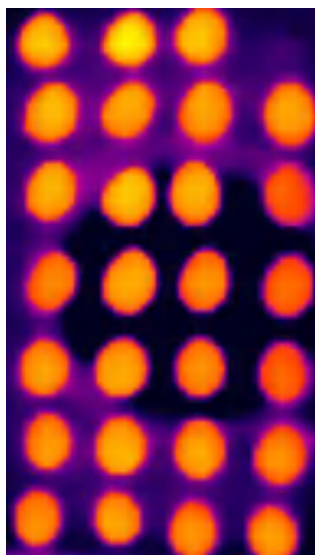
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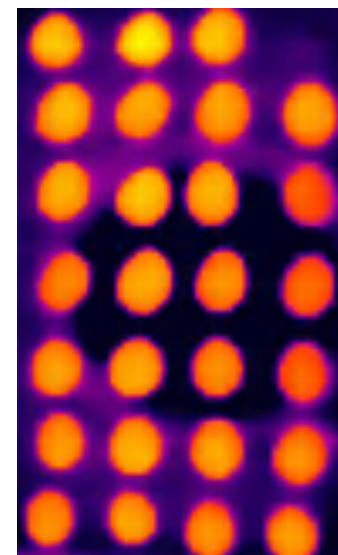
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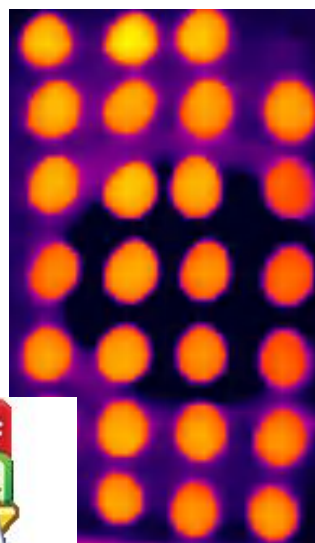
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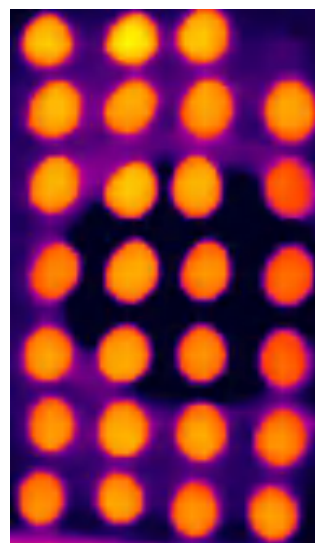
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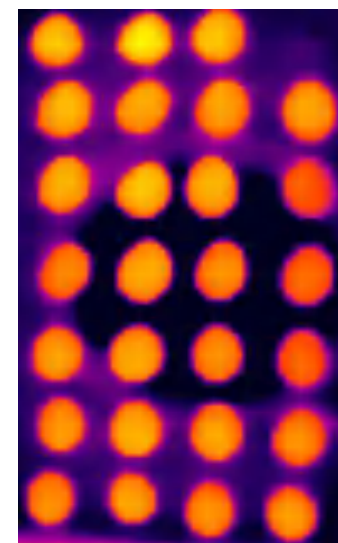
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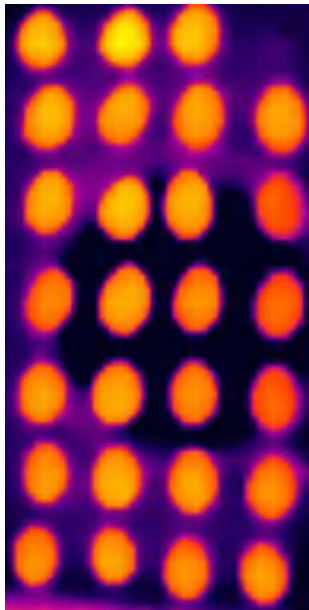


Hari 23



Hari 24

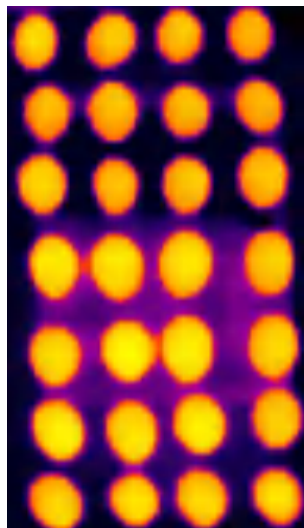




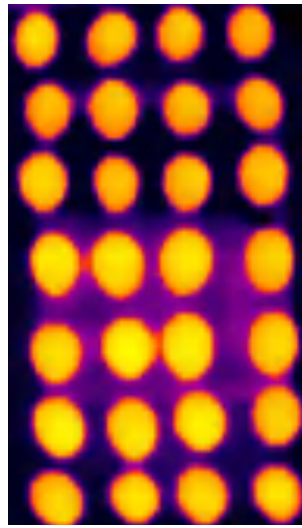
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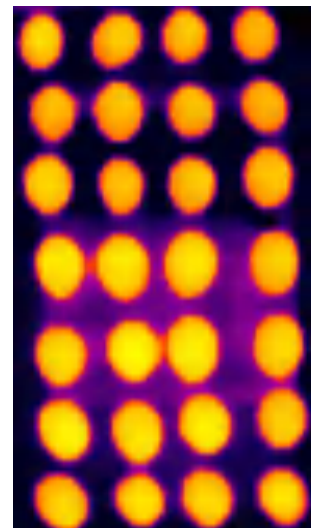
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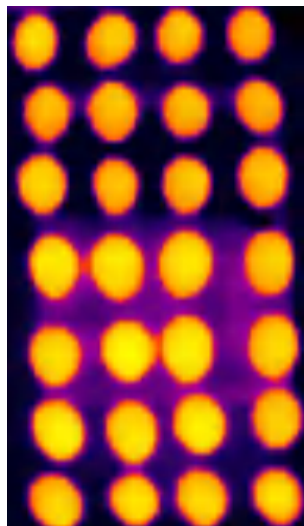
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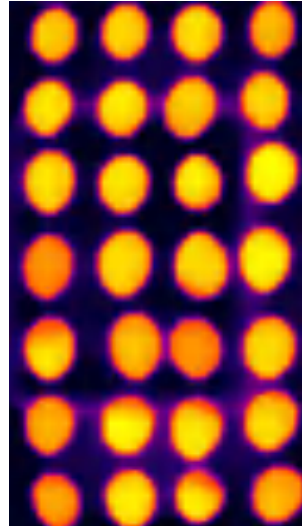
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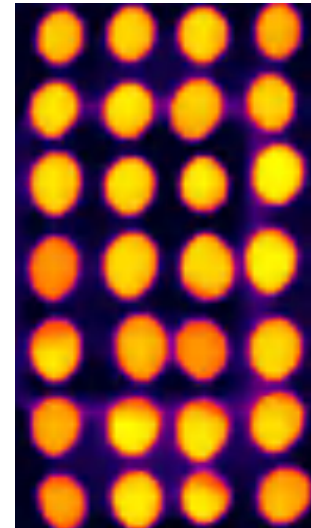
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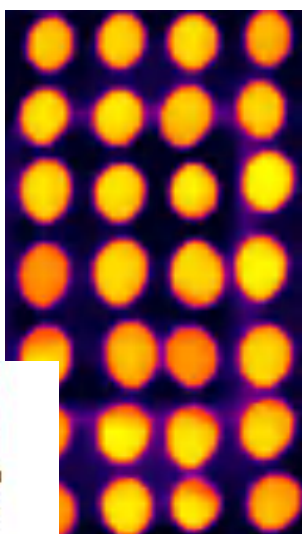
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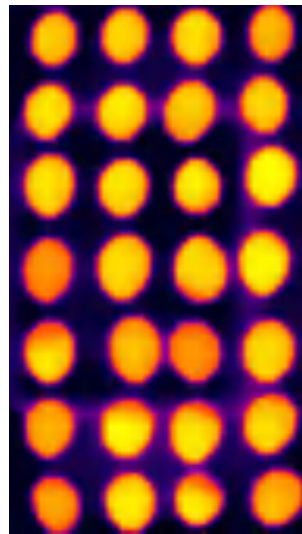
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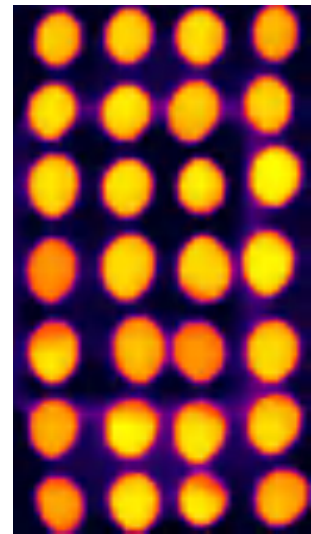
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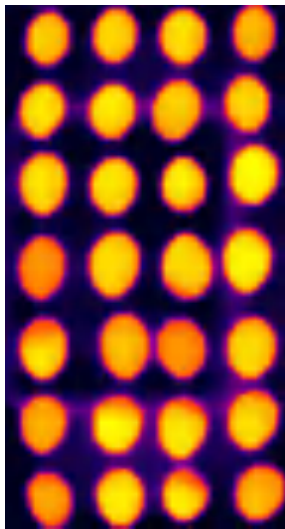


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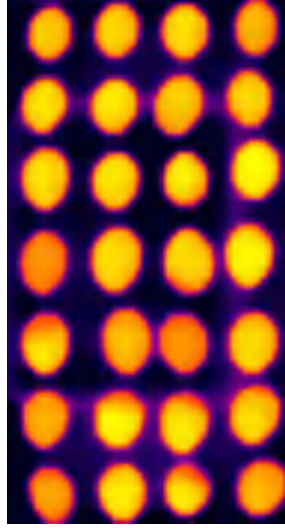


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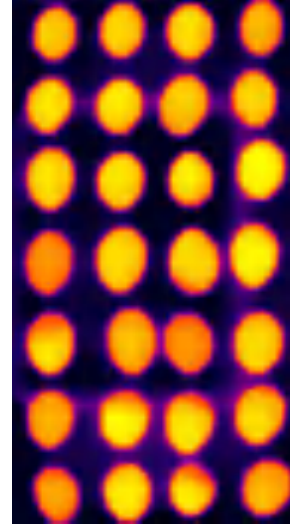




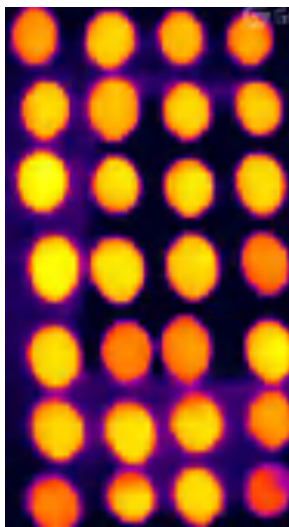
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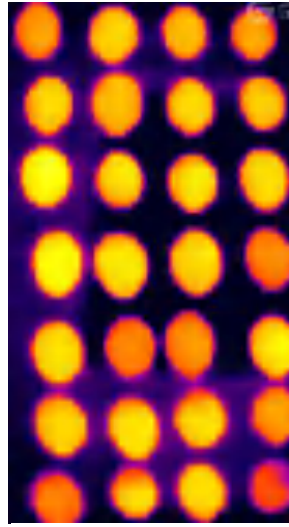
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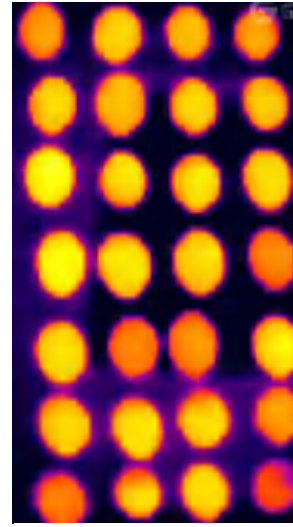
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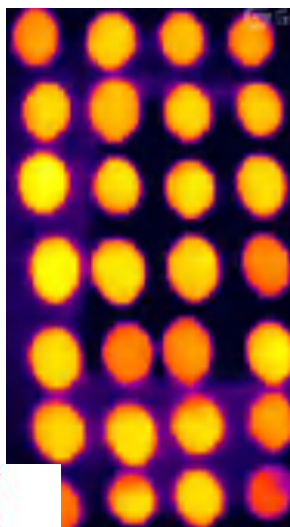
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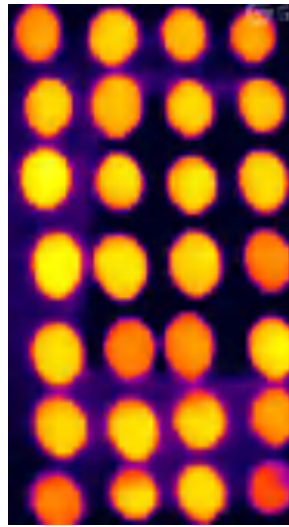
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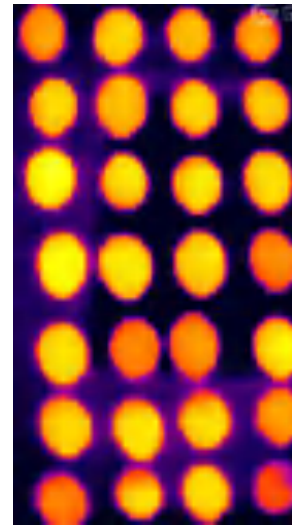
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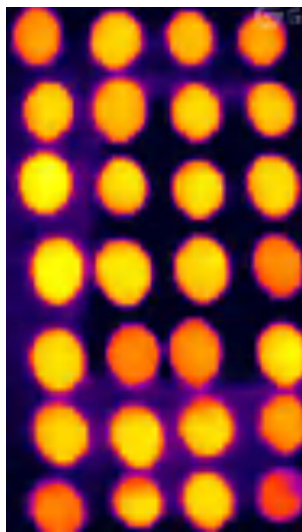


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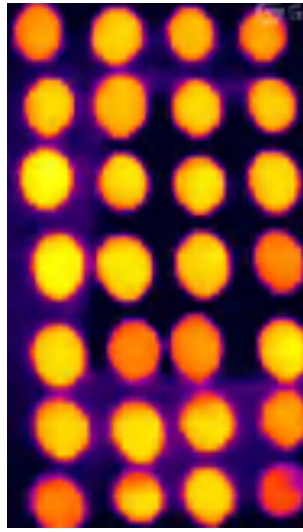


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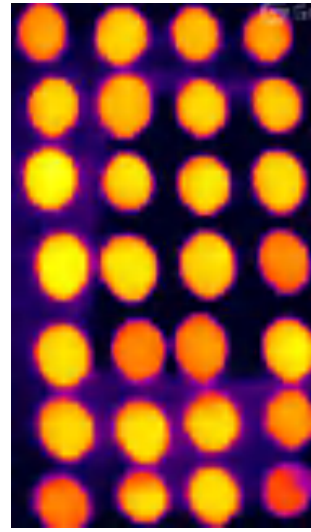




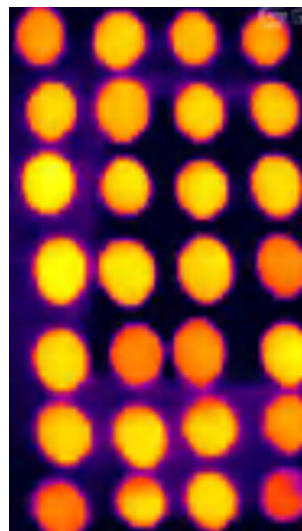
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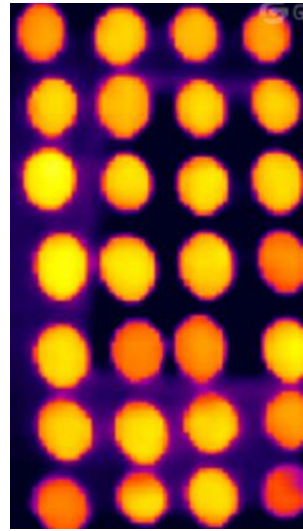
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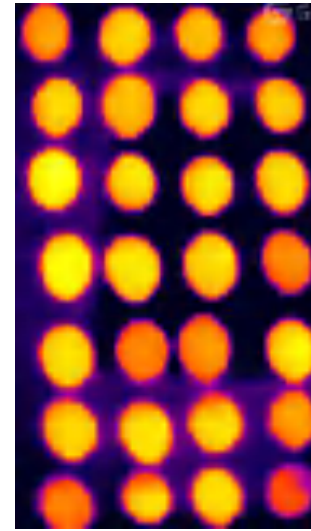
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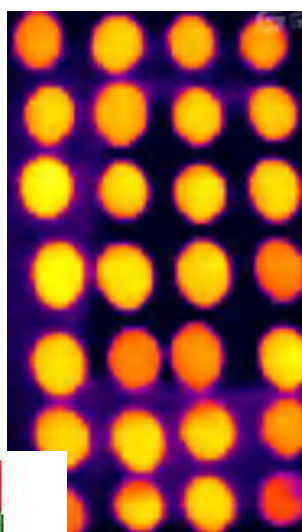
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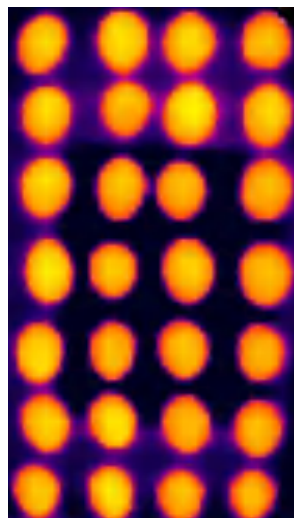
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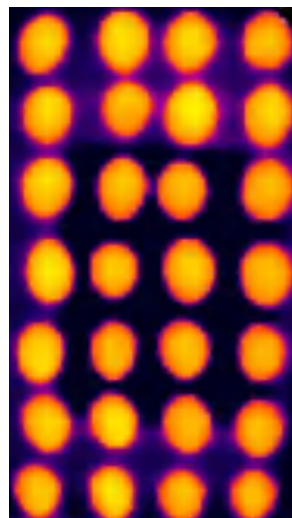
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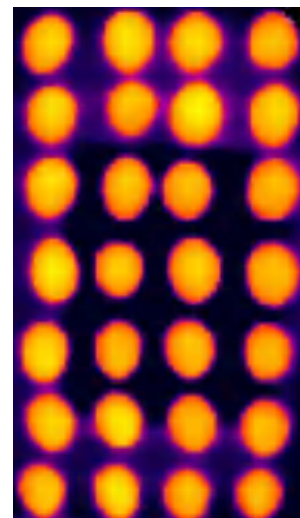
**k. Citra Telur Berbasis Camera Thermal Hari 1-25 Pada
Suhu 37,8 - 38,3°C**



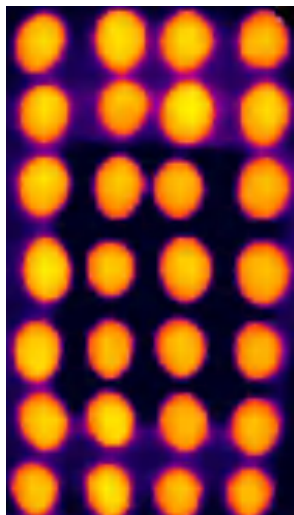
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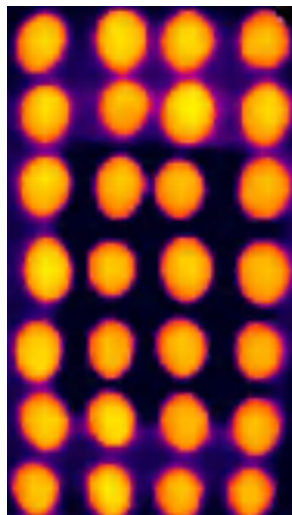
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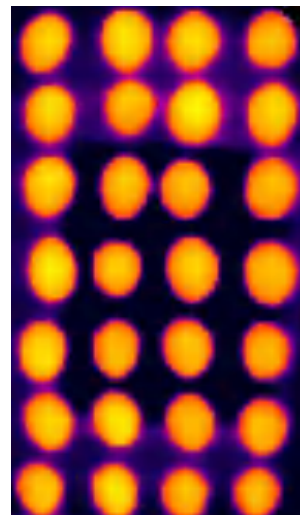
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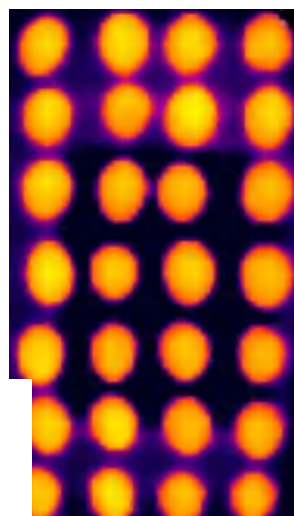
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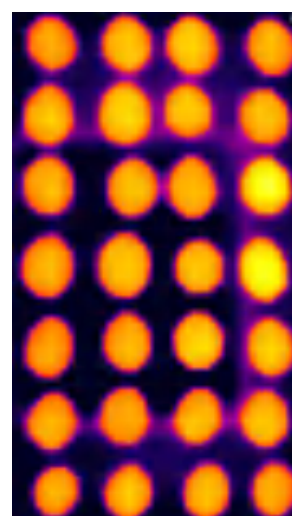
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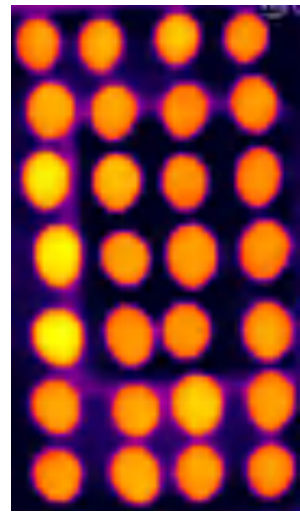
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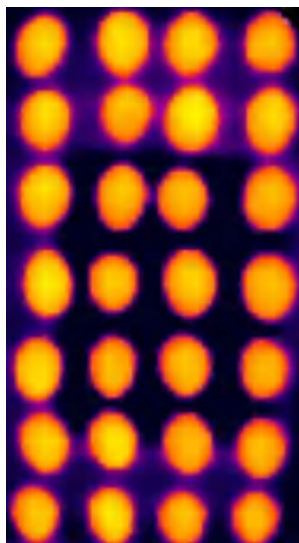


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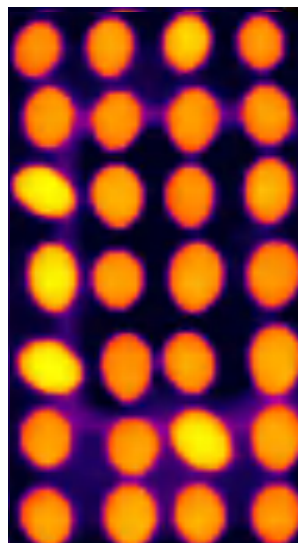


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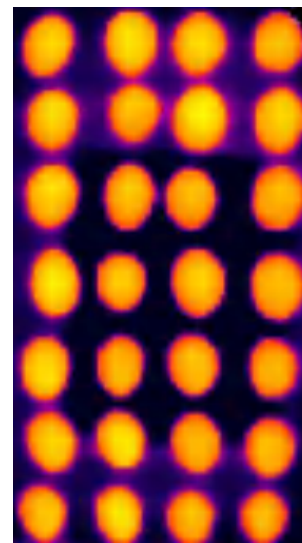




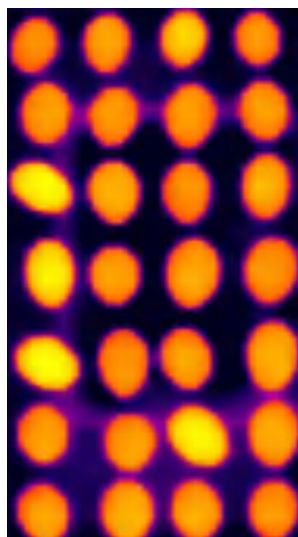
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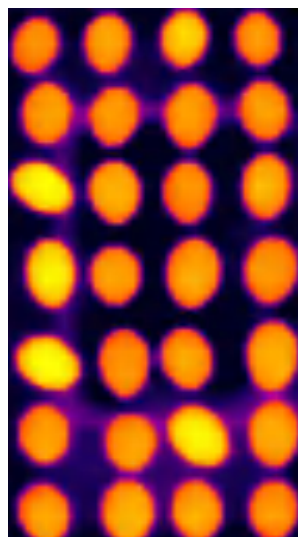
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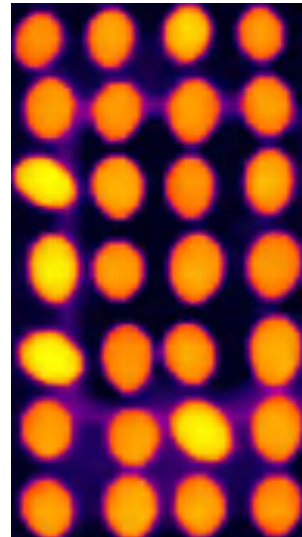
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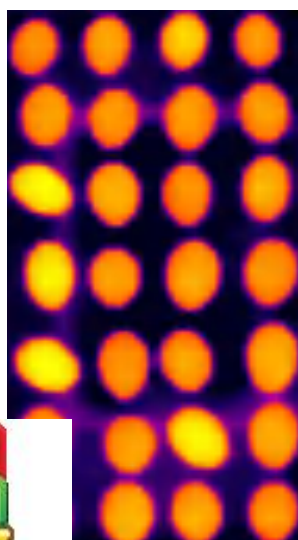
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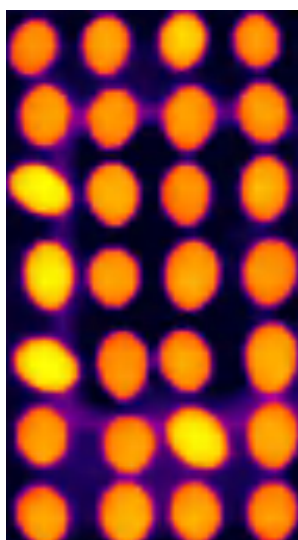
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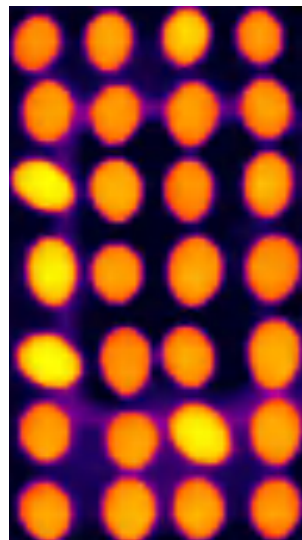
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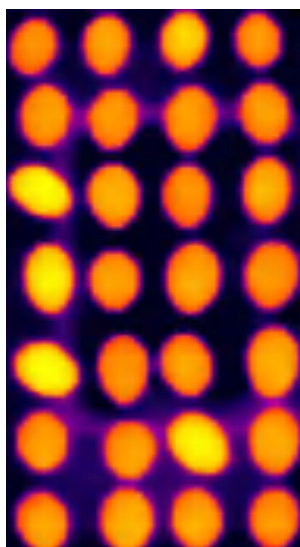


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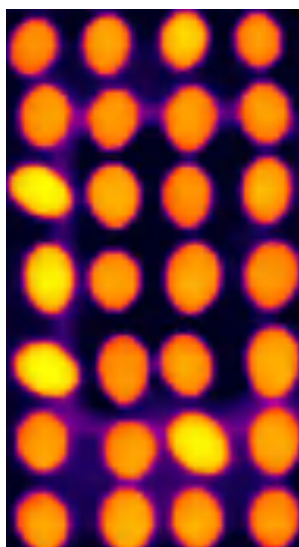


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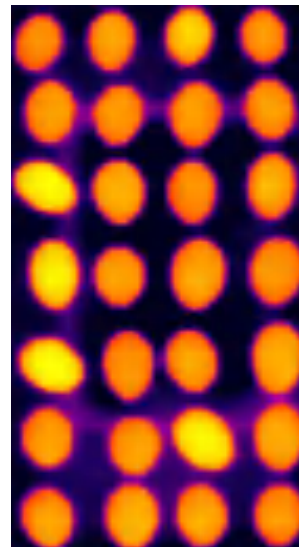




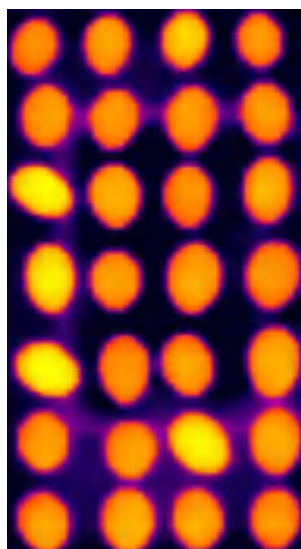
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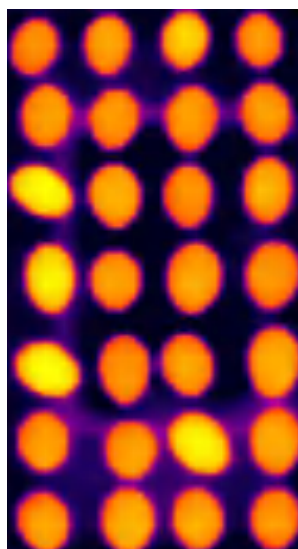
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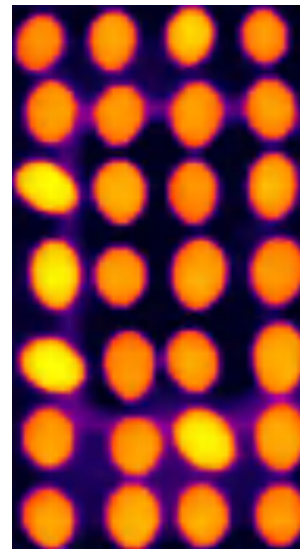
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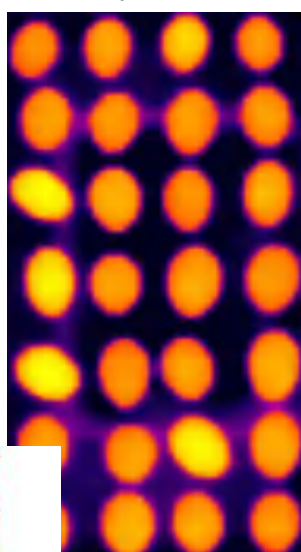
Hari 22



Hari 23



Hari 24



Hari 25

