

DAFTAR PUSTAKA

- Agyenim, F., Hewit, N., Eames, P., & Smyth, a. M. (2010). A Review of Materials, Heat Transfer, and Phase Change Problem Formulation For Latent Heat Thermal Energy Storage System (LHTESS). *Renewable and Sustainable Energy Reviews*, 615 - 628.
- Alehosseini, E. a. (2019). Micro/Nano Encapsulated Phase Change Materials (PCMs) as Emerging Materials For The Food Industry. *Trend in Food Science and Technology*, 116 - 128.
- Alzuwaid, F., Ge, Y., Tasou, S., & Sun, a. J. (2016). The Novel Use of Phase Change Materials In An Open Type Refrigerated Display Cabinet : A Theoretical Investigation. *Applied Energy* 180, 76 - 85.
- Arjenaki, N. O., Soltanzadeh, N., & Hamdami, a. N. (2019). Designing An Active Phase Change Material Package For Thermal and Quantitative Protection of Meat. *Food Packaging and Shelf Life* 21.
- Badan Standarisasi Nasional. (2008). *SNI 3932:2008 Mutu Karkas dan Daging Sapi*. Jakarta: Badan Standarisasi Nasional.
- Badan Standarisasi Nasional. (2009). *SNI 3924:2009 Mutu Karkas dan Daging Ayam*. Jakarta: Badan Standarisasi Nasional.
- Badan Standarisasi Nasional. (2013). *SNI 2729:2013 Ikan Segar*. Jakarta: Badan Standarisasi Nasional.
- Badan Standarisasi Nasional. (2014). *SNI 4110:2014 Ikan Beku*. Jakarta: Badan Standarisasi Nasional.
- Borri, E., & Jia Yin Sze, A. T. (2016). Experimental and Numerical Characterization of Sub-Zero Phase Change Materials For Cold Thermal Energy. *Applied Energy*, 1 - 30.
- Cheng, W. -L., Mei, B. -J., Liu, Y. N., Huang, Y. -H., & Yuan, a. X.-D. (2011). A Novel Household Refrigerator With Shape- Stabilized PCM (Phase Change Material) Heat Storage Condensers : An Experimental Investigation. *Energy* 36, 5797 - 5804.
- Chiu, Y.-J., Yan, W.-M., Chiu, H. C., Jang, J. H., & Ling, a. B.-Y. (2018). Investigation on The Thermophysical Properties and Transient Heat

- Transfer Characteristic Of Composite Phase Chang Materials. *International Communication in Heat and Mass Transfer* , 223 - 231.
- Cong, L., She, X., Leng, G., Qiao, G., Li, C., & Ding, a. Y. (2019). Formulation and Characterisation of Ternary Salt Based Solutions as Phase Change Materials for Cold Chain Application. *Energy Procedia* 158, 5103 - 5108.
- Delgado, M., Lazaro, A., Mazo, J., & Zalba, a. B. (2012). Review on Phase Change Material Slurries : Materials, Heat Transfer Studies and Application. *Renewable and Sustainable Energy Reviews*, 253 - 273.
- Du, J., Nie, B., Zhang, Y., Du, Z., Wang, I., & Ding, a. Y. (2020). Cooling Performances of A Thermal Energy Storage - Based Portable Box For Cold Chain Applications. *Journal of Energy Storage* 28.
- Du, K., Calautit, J., Wang, Z., Wu, Y., & Liu, a. H. (2018). A Review of Applications of Phase Change Materials In Cooling, Heating, And Power Generation In Different Temperatures. *Applied Energy* 220, 242 - 273.
- Gin, B., & Farid, a. M. (2010). The Use of PCM Panels to Improve Storage Condition Of Frozen Food. *Journal of Food Engineering*, 372 - 376.
- Gin, B., Farid, M. M., & Bansal, a. P. (2011). Modeling of Phase Change Material Implemented Into Cold Storage Application. *HVAC & R, Research*, 17 (3), 257 - 267.
- Global Cold Chain Alliance. (2016). *Global Cold Storage Capacity Report*. Dipetik Maret 15, 2020, dari Global Cold Chain Alliance: <https://www.gcca.org/resources/global-cold-storage-capacity-report>
- Huang, X., Zhu, C., Lin, Y., & Fang, a. G. (2019). Thermal Properties and Applications of Microencapsulated PCM For Thermal Energy Storage : A Review. *Applied Thermal Engineering* 147, 841 - 855.
- Huang, Y., Xing, X., & Wang, a. H. (2019). A Comprehensive Review on Positive Cold Energy Storage Technologies and Application in Air Conditioning With Phase Change Materials. *Applied Energy* 255.
- Khadiran, T., Hussein, M. Z., Zainal, Z., & Rusli, a. R. (2015). Encapsulation Techniques For Organic Phase Change Materials as Thermal Energy Storage Medium : A Review. *Solar Energy Materials & Solar Cells* 143, 78 - 98.

- Khan, M. I., & Afroz, a. H. (2013). Experimental Investigation of Performance Improvement of Household. *International Journal of Air - Conditioning and Refrigerator Vol 21, No. 4*.
- Li, S.-F., Liu, Z. H., & Wang, a. X.-J. (2019). A Comprehensive Review on Positive Cold Thermal Energy Storage Technologies and Applications in Air Conditioning. *Applied Energy*.
- Liu, M., Saman, W., & Bruno, a. F. (2012). Development of A Refrigeration System For Refrigerated Trucks Incorporating Phase Change Material. *Applied Energy*, 336 - 342.
- Lopez - Rubio, A., & Lagaron, a. J. (2012). Whey Protein Capsules Obtained Through Electrospraying For The Encapsulation of Bioactives. *Innovative Food Science and Emerging Technologies 13*, 200 - 206.
- Lu, W. a. (2013). Characterization And Experimental Investigation of Phase Change Material For Chilled Food Refrigerated Cabinet Application . *Applied Energy 113*, 1376 - 1382.
- Lu, W., Liu, G., Xing, X., & Wang, a. H. (2019). Investigation On Ternary Salt - Water Solution As Phase Change Materials For Cold Storage . *Energy Procedia 158*, 5020 - 5025.
- Lu, Y., Zhang, W., Yuan, P., Xue, M., Qu, Z., & Tao, a. W. (2010). Experimental Study of Heat Transfer Intesification by Using A Novel Combined Shelf in Food Refrigerated Display Cabinet : (Experimental Study of A Novel Cabinets). *Applied Thermal Engineering*, 85 - 91.
- Melone, L., Altomare, L., Cigada, A., & Nardo, a. L. (2012). Phase Change Material Celluloic Composites For The Cold Storage of Perishable Prodsuts : From Material Preparation to Computatioanal Evaluation. *Applied Energy 89*, 339 - 346.
- Oro, E., & Camilia Barrenche, M. M. (2013). Experimental Study On The Selection of Phase Change Materials For Low Temperature Application. *Renewable Energy 57*, 130 - 136.
- Oro, E., Gil, A., Miro, L., Peiro, G., Alvarez, S., & Cabeza, a. L. (2012). Thermal Energy Storage Imlementation Using Phase Change Materials For Solar Cooling and Refrigeration Application. *Energy Procedia 30*, 947 - 956.

- Oro, E., Gracia, A. d., Castell, A., & M.Farid, a. M. (2012). Review on Phase Change Materials (PCMs) For Cold Thermal Energy Storage Applications. *Applied Energy* 99, 513 - 533.
- Perez - Masia, R., Rubio, A. L., & Lagaron, a. J. (203). Development of Zein - Based Heat - Management Structures For Smart Packaging. *Food Hydrocolloids*, 182 - 191.
- Singh, S., Galkwad, K. K., & Suklee, a. Y. (2018). Phase Change Materials For Advanced Cooling Packaging. *Environmental Chemistry Letters*.
- Su, W., Darkwa, J., & Kokogiannakis, a. G. (2015). Review of Solid - Liquid Phase Change Materials and Their Encapsulation Technologies. *Renewable and Sustainable Energy Reviews* 48, 373 - 391.
- Suamir, I. N., Rasta, I. M., Sudirman, & Tsamos, a. K. (2019). Development of Corn - Oil Ester And Water Mixture Phase Change Materials For Food Refrigeration Application. *Energy Procedia* 161, 198 - 206.
- Talukdar, S., Afroz, H. M., Hussain, M. A., Azizi, M. A., & Hussain, a. M. (2020). Heat Transfer Enhancement Of Charging and Discharging Of Phase Change Material (PCM) and Size Optimization of A Latent Thermal Energy Storage System For Solar Cold Storage Application. *Journal Of Energy Storage*.
- Tao, Y. a. (2016). Effects of Phase Change Material Thermophysical Properties On Thermal Storage Performance of A Shell And Tube Latent Heat Storage Unit. *Applied Energy*, 203 - 210.
- Veerakumar, C., & Sreekumar, a. A. (2016). Phase Change Material Based Cold Thermal Energy Storage : Materials, Techniques, and Application. *Journal Of Refrigeration*, 1 - 30.
- Xie, M., Li, Z., Gao, X., Fang, Y., & Zhang, a. Z. (2019). Preparation and Performance of Modified Expanded Graphite / Eutectic Salt Composite Phase Change Cold Storage Material. *International Journal of Refrigeration*.
- Xu, X., Zhang, X., & Liu, a. S. (2018). Experimental Study On Cold Storage Box With Nano Composite Phase Change Material and Vacuum Insulation Panel . *International Journal of Energy Research*.

- Xu, X., Zhang, X., Zhou, S., Wang, Y., & Lu, a. L. (2018). Experimental and Application Study of $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ With Additives For Cold Storage. *Journal of Thermal Analysis and Calorimetry*.
- Zhao, Y., Zhang, X., & Xu, a. X. (2019). Application and Research Progress of Cold Storage Technology in Cold Chain Transportation and Distribution. *Journal Of Thermal Analysis Calorimetry*.
- Zou, T., Liang, X., Wang, S., Gao, X., Zhang, Z., & Fang, a. Y. (2020). Effect of Expanded Graphite Size On Performances Of Modified $\text{CaCl}_2 \cdot 6\text{H}_2\text{O}$ Phase Change Material For Cold Energy Storage. *Microporous and Mesoporous Materials*.