

## DAFTAR PUSTAKA

- Abbaspour-Gilandeh, Y., Zadhosein, S., Kaveh, M., Hassannejad, S., & Wojciechowska, K. (2025). *Drying Time, Energy and Exergy Efficiency Prediction of Corn (Zea mays L.) at a Convective-Infrared-Rotary Dryer: Approach by an Artificial Neural Network*. *Energies*, 18, 696. <https://doi.org/10.3390/en18030696>.
- A'yuni, D. Q., Kurniawan, D., Prayogo, M. P. I., Kumoro, A. C., Djaeni, M., & Subagio, A. (2024). *Energy and carbon dioxide analysis of a batch-mode rice drying process in a rotary dryer*. *Research in Agricultural Engineering*, 70, 2024 (1): 35-42. <https://doi.org/10.17221/32/2023-RAE>.
- Benedito, W. M., Duarte, C. R., Barroza, M. A. S., & Santos, D. A. (2022). *Catacting-centrifuging transition investigation using nonspherical and spherical particles in a rotary drum through CFD simulations*. In *Particuology*, 60, 48-60. <https://doi.org/10.1016/j.partic.2021.03.012>.
- Burlacu, A., Petrescu, M.G., Dumitru, T., Nita, A., Tanase, M., Laudacescu, E., Ramadan, I., & Ilinca, C. (2022). *Numerical Approach Regarding the Effect of the Flight Shape on the Performance of Rotary Dryers from Anspalt Plants*. In *Processes*, 10(11), 2339. <https://doi.org/10.3390/pr10112339>.
- Donoso-Garcia, P., Henriquez-Vargas, L., Gonzalez, J., Diaz, I., & Fuentes, I. (2024). *A Study Estimating the Overall Heat Transfer Coefficient in a Pilot-Scale Indirect Rotary Dryer*. *Processes*, 12(2), 357. <https://doi.org/10.3390/pr12020357>.
- He, Y., E, D., & Jiang, Z. (2025). *Particle Motion and Gas-Solid Heat Exchange Enhancement in RotaryDrums with Aligned/Separated Flight*. *Processess*, 13, 1594. <https://doi.org/10.3390/pr13051594>.

- Kruszelnicka, W., Chen, Z., & Ambrose, K. (2022). *Moisture-Dependent Physical-Mechanical Properties of Maize, Rice, and Soybeans as Related to Handling and Processing*. *Materials*, 15, 8729. <https://doi.org/10.3390/ma15248729>.
- Malekjani, N., Talemy, F. P., Zolqadri, R., & Jafari, S. M. (2023). *Roller/Drum Dryers and Rotary Dryers*. In *Drying Technology in Food Processing* (pp. 47-66). Elsevier. <https://doi.org/10.1016/B978-0-12-819895-7.00014-6>.
- Rong, W., Li, B., & Feng, Y. (2022). *The Development and Application of a Two-Fluid Model for Dense Particle Flow and Mixing in Rotating Drums*. *Processes*, 10(2), 234. <https://doi.org/10.3390/pr10020234>.
- Seidenbecher, J., Herz, F., Sunkara, K. R., & Mellmann, J. (2022). *Modelling the Final Discharge Angle in Flighted Rotary Drums*. *Powder Technology*. <https://doi.org/10.1007/s10035-022-01283-x>.
- Takoudjou Fossi, C. R., Ngnassi Djami, A. B., Djeumako, B., & Edoun, M. (2024). *Influence of the presence of lifters in the design of a rotary cocoa bean dryer*. *International Journal of Advanced Research in Engineering and Technology (IJARET)*, 15(3), 393-406. <https://doi.org/10.17605/OSF.IO/PAEFC>.
- Xie, L., Yang, L., Su, L., Xu, S., & Zhang, W. (2021). *A Novel Rotary Dryer Filled with Alumina Ceramic Beads for the Treatment of Industrial Wastewaters: Numerical Simulation and Experimental Study*. *Processes*, 9, 862. <https://doi.org/10.3390/pr9050862>.
- Yerizam, M., Aneasari., Purnamasari, I., Fadarina., Dillah, V. F., & Pakpahan, C. (2019). *Kinerja Rotary Dryer pada Peningkatan Chips Manihot Esculenta dalam Pembuatan Mocaf Berdasarkan Variasi Waktu, Temperatur dan Laju Pengeringan*. *Jurnal Kinetika*, 10(2), 24-28. Retrieved from <https://jurnal.polsri.ac.id/index.php/kimia/article/view/2315/1098>.
- Zhang, L., Jiang, Z., Weigler, F., Herz, F., Mellmann, J., & Tsotsas, E. (2020). *PTV Measurement and DEM Simulation of the Particle Motion in a Flighted*

*Rotating Drum.* Powder Technology, 363, 23-37.  
<https://doi.org/10.1016/j.powtec.2019.12.035>.

Zhao, Y., Zhang, L., Song, C., Li, W., Qin, H., & Wang, Q. (2023). *Numerical Simulations of Particle Motions at Continuous Rotational Speed Changes in Horizontal Rotatin Drums.* Processes, 11, 47.  
<https://doi.org/10.3390/pr11010047>.

Zhu, X., Xie, L., Xu, S., & Zhang, W. (2023). *DEM Simulation of a Rotary Drum with Inclined Flights Using the Response Surface Methodology.* Processes, 11(5), 1363. <https://doi.org/10.3390/pr11051363>.