

## DAFTAR PUSAKA

- Aziz, M. A. A., Puad, K., Triwahyono, S., Jalil, A. A., Khayoon, M. S., Atabani, A. E., ... Hartanto, D. (2017). Transesterification of croton megalocarpus oil to biodiesel over WO<sub>3</sub> supported on silica mesoporous-macroparticles catalyst. *Chemical Engineering Journal*, 316, 882–892.  
<https://doi.org/10.1016/j.cej.2017.02.049>
- Bademlioglu, A. H., Canbolat, A. S., Yamankaradeniz, N., & Kaynakli, O. (2018). Investigation of parameters affecting Organic Rankine Cycle efficiency by using Taguchi and ANOVA methods. *Applied Thermal Engineering*, 145, 221–228.  
<https://doi.org/10.1016/j.applthermaleng.2018.09.032>
- Dhar, N. R., & Kamruzzaman, M. (2007). Cutting temperature, tool wear, surface roughness and dimensional deviation in turning AISI-4037 steel under cryogenic condition. *International Journal of Machine Tools and Manufacture*, 47(5 SPEC. ISS.), 754–759.  
<https://doi.org/10.1016/j.ijmachtools.2006.09.018>
- Gupta, A., Singh, H., & Aggarwal, A. (2011). Taguchi-fuzzy multi output optimization (MOO) in high speed CNC turning of AISI P-20 tool steel. *Expert Systems with Applications*, 38(6), 6822–6828.  
<https://doi.org/10.1016/j.eswa.2010.12.057>
- Hadiyat, M. A. (2012). Response-surface dan Taguchi : Sebuah alternatif atau kompetisi dalam optimasi secara praktis. *Seminar Nasional Industrialisasi Madura*, 134–139.
- Ian M. Smith., Cook, D., & Smith., B. P. (2001). Second Edition Second Edition. In *Dairy Science & Technology*, CRC Taylor & Francis Group.
- Ira, M., Baron, L., & Arnold, P. (1945). *Aluminum alloy*. 1560. Retrieved from <https://patents.google.com/patent/US2381219A/en>
- Kafuku, G., & Mbarawa, M. (2010). Biodiesel production from Croton megalocarpus oil and its process optimization. *Fuel*, 89(9), 2556–2560.  
<https://doi.org/10.1016/j.fuel.2010.03.039>

- Kerusakan, K. D. (n.d.). *Kajian Diagnosis Kerusakan ... (Teguh S, dkk)*. 74–87.
- Khajehzadeh, M., Akhlaghi, M., & Razfar, M. R. (2014). Finite element simulation and experimental investigation of tool temperature during ultrasonically assisted turning of aerospace aluminum using multicoated carbide inserts. *International Journal of Advanced Manufacturing Technology*, 75(5–8), 1163–1175. <https://doi.org/10.1007/s00170-014-6163-2>
- Khan, M. A., Mia, M., & Dhar, N. R. (2017). High-pressure coolant on flank and rake surfaces of tool in turning of Ti-6Al-4V: investigations on forces, temperature, and chips. *International Journal of Advanced Manufacturing Technology*, 90(5–8), 1977–1991. <https://doi.org/10.1007/s00170-016-9511-6>
- Klocke, F., Dambon, O., & Bulla, B. (2008). Ultrasonic assisted diamond turning of hardened steel with mono-crystalline diamond. *Proceedings of the 10th Anniversary International Conference of the European Society for Precision Engineering and Nanotechnology, EUSPEN 2008*, 2, 165–169.
- Kosaraju, S., Gopal, V., Bangaru, A. &, & Popuri, B. (2012). Taguchi Analysis on Cutting Forces and Temperature in Turning Titanium Ti-6Al-4V. *International Journal of Mechanical and Industrial Engineering*, 1(4), 2231–6477. Retrieved from [https://www.idc-online.com/technical\\_references/pdfs/mechanical\\_engineering/Taguchi\\_Analysis.pdf](https://www.idc-online.com/technical_references/pdfs/mechanical_engineering/Taguchi_Analysis.pdf)
- Longbottom, J. M., & Lanham, J. D. (2005). Cutting temperature measurement while machining - A review. *Aircraft Engineering and Aerospace Technology*, 77(2), 122–130. <https://doi.org/10.1108/00022660510585956>
- Nahm, F. S. (2016). Nonparametric statistical tests for the continuous data: The basic concept and the practical use. *Korean Journal of Anesthesiology*, 69(1), 8–14. <https://doi.org/10.4097/kjae.2016.69.1.8>
- Onwubolu, G. C., & Kumalo, T. (2001). Optimization of multipass turning operations with genetic algorithms. *International Journal of Production*

- Research*, 39(16), 3727–3745. <https://doi.org/10.1080/00207540110056153>
- Patil, S., Joshi, S., Tewari, A., & Joshi, S. S. (2014). Modelling and simulation of effect of ultrasonic vibrations on machining of Ti6Al4V. *Ultrasonics*, 54(2), 694–705. <https://doi.org/10.1016/j.ultras.2013.09.010>
- Puga, Grilo, & Carneiro. (2019). Ultrasonic Assisted Turning of Al alloys: Influence of Material Processing to Improve Surface Roughness. *Surfaces*, 2(2), 326–335. <https://doi.org/10.3390/surfaces2020024>
- Rajesh, N., Yohan, M., Venkataramaiah, P., & Vani Pallavi, M. (2017). Optimization of Cutting Parameters for Minimization of Cutting Temperature and Surface Roughness in Turning of Al6061 Alloy. *Materials Today: Proceedings*, 4(8), 8624–8632.  
<https://doi.org/10.1016/j.matpr.2017.07.210>
- Sahu, S., & Choudhury, B. B. (2015). Optimization of Surface Roughness Using Taguchi Methodology & Prediction of Tool Wear in Hard Turning Tools. *Materials Today: Proceedings*, 2(4–5), 2615–2623.  
<https://doi.org/10.1016/j.matpr.2015.07.218>
- Schwartz, D. A., & Mel Wilcox, C. (1992). Atypical cytomegalovirus inclusions in gastrointestinal biopsy specimens from patients with the acquired immunodeficiency syndrome: Diagnostic role of in situ nucleic acid hybridization. *Human Pathology*, 23(9), 1019–1026.  
[https://doi.org/10.1016/0046-8177\(92\)90263-3](https://doi.org/10.1016/0046-8177(92)90263-3)
- Silalahi, S. A. F. (2014). Kondisi Industri Manufaktur Indonesia Dalam Menghadapi Globalisasi. *Jurnal Ekonomi Dan Kebijakan Publik*, 5(1), 1–13.
- Vivekananda, K., Arka, G. N., & Sahoo, S. K. (2014). Finite Element Analysis and Process Parameters Optimization of Ultrasonic Vibration Assisted Turning (UVT). *Procedia Materials Science*, 6(Icmpc), 1906–1914.  
<https://doi.org/10.1016/j.mspro.2014.07.223>
- Zhang, J., & Wang, D. (2019). Investigations of tangential ultrasonic vibration turning of Ti6Al4V using finite element method. *International Journal of*

*Material Forming*, 12(2), 257–267. <https://doi.org/10.1007/s12289-018-1402-y>

Zhang, J. Z., & Chen, J. C. (2009). Surface roughness optimization in a drilling operation using the taguchi design method. *Materials and Manufacturing Processes*, 24(4), 459–467. <https://doi.org/10.1080/10426910802714399>