

## DAFTAR PUSTAKA

- Arifvianto, B., Suyitno, Mahardika, M., Dewo, P., Iswanto, P. T., & Salim, U. A. (2011). Effect of surface mechanical attrition treatment (SMAT) on microhardness, surface roughness and wettability of AISI 316L. *Materials Chemistry and Physics*, 125(3), 418–426. <https://doi.org/10.1016/J.MATCHEMPHYS.2010.10.038>
- Barati Darband, G., Aliofkhaezaei, M., Khorsand, S., Sokhanvar, S., & Kaboli, A. (2020). Science and Engineering of Superhydrophobic Surfaces: Review of Corrosion Resistance, Chemical and Mechanical Stability. In *Arabian Journal of Chemistry* (Vol. 13, Issue 1, pp. 1763–1802). Elsevier B.V. <https://doi.org/10.1016/j.arabjc.2018.01.013>
- Bertling, R., Hack, M., Ausner, I., Horschitz, B., Bernemann, S., & Kenig, E. Y. (2022). Modelling film and rivulet flows on microstructured surfaces using CFD methods. *Chemical Engineering Science*, 251. <https://doi.org/10.1016/j.ces.2021.117414>
- Desogus, G., Di Benedetto, S., & Ricciu, R. (2015). The use of adaptive thermal comfort models to evaluate the summer performance of a Mediterranean earth building. *Energy and Buildings*, 104, 350–359. <https://doi.org/10.1016/j.enbuild.2015.07.020>
- Fedorova, N., Ottinger, B., Jovicic, V., Zbogar-Rasic, A., Delgado, A., & Virtanen, S. (2020). Static wettability of differently mechanically treated and amphiphobic-coated aluminium surfaces. *Materials*, 13(10). <https://doi.org/10.3390/ma13102240>
- fluid-mechanics-fundamentals-and-applications-3rd-edition-cengel-and-cimbala-2014*. (n.d.).
- Fordham, E. J., & Graue, A. (910). *Fundamentals of Wettability Smart Water Flooding View project CO2 Storage from Lab to On-Shore Field Pilots View project Wael Abdallah Schlumberger Limited*. <https://www.researchgate.net/publication/309078059>

- Giannetti, N., Yamaguchi, S., & Saito, K. (2016). Wetting behavior of a liquid film on an internally-cooled desiccant contactor. *International Journal of Heat and Mass Transfer*, *101*, 958–969. <https://doi.org/10.1016/j.ijheatmasstransfer.2016.05.128>
- Gonda, A., Lancereau, P., Bandelier, P., Luo, L., Fan, Y., & Benezech, S. (2014). Water falling film evaporation on a corrugated plate. *International Journal of Thermal Sciences*, *81*(1), 29–37. <https://doi.org/10.1016/j.ijthermalsci.2014.02.010>
- Hueffed, A. K., Chamra, L. M., & Mago, P. J. (2009). A simplified model of heat and mass transfer between air and falling-film desiccant in a parallel-plate dehumidifier. *Journal of Heat Transfer*, *131*(5), 1–7. <https://doi.org/10.1115/1.3082420>
- Kajian Pendidikan Sains ---, J., TEGANGAN PERMUKAAN ZAT CAIR  
Eko Juliyanto, ---menentukan, Rofingah, J., Finda Sejati, A., & Nuzulil Hakim, F. (n.d.). *S P E K T R A*.
- Medrano, M., Bourouis, M., Perez-Blanco, H., & Coronas, A. (2003). A simple model for falling film absorption on vertical tubes in the presence of non-absorbables. In *International Journal of Refrigeration* (Vol. 26). [www.elsevier.com/locate/ijrefrig](http://www.elsevier.com/locate/ijrefrig)
- Mesquita, L. C. S., Harrison, S. J., & Thomey, D. (2006). Modeling of heat and mass transfer in parallel plate liquid-desiccant dehumidifiers. *Solar Energy*, *80*(11), 1475–1482. <https://doi.org/10.1016/j.solener.2006.03.003>
- Scolaro, C., Torrisi, L., Cutroneo, M., & Caridi, F. (n.d.). *A Liquid contact angles on biocompatible surfaces Micro-computed tomography in Endodontics View project Non-equilibrium plasmas production by laser ablation View project*. <https://www.researchgate.net/publication/297698827>
- Singh, R. K., Galvin, J. E., & Sun, X. (2016). Three-dimensional simulation of rivulet and film flows over an inclined plate: Effects of

- solvent properties and contact angle. *Chemical Engineering Science*, 142, 244–257. <https://doi.org/10.1016/j.ces.2015.11.029>
- Sulaiman, A., Nugroho, A. W., & Sunardi, S. (2016). Pengaruh Variasi Sudut Penembakan Shot Peening Terhadap Struktur Mikro, Kekerasan, Kekasaran Permukaan, Dan Wettability Pada Stainless Steel Aisi-304. *Journal Teknik Mesin UMY 2016*, 1–8.
- THERMODYNAMICS*. (n.d.). [www.EngineeringEBooksPdf.com](http://www.EngineeringEBooksPdf.com)
- Trinuruk, P., Giannetti, N., Takuya, K., Yamaguchi, S., Saito, K., Trinuruk, orderlithtml, & Giannetti, N. (2018a). *International Refrigeration and Air Conditioning Conference. Paper 1999. 17 th International Refrigeration and Air Conditioning Conference at Purdue*. <https://docs.lib.purdue.edu/iracc/1999>
- Trinuruk, P., Giannetti, N., Takuya, K., Yamaguchi, S., Saito, K., Trinuruk, orderlithtml, & Giannetti, N. (2018b). *International Refrigeration and Air Conditioning Conference. Paper 1999. 17 th International Refrigeration and Air Conditioning Conference at Purdue*.
- Wan, Z., Wang, P., Shen, H., & Li, Y. (2022). Falling Film Flow and Heat Transfer of Cryogenic Liquid Oxygen on Different Structural Surfaces. *Energies*, 15(14). <https://doi.org/10.3390/en15145040>
- White, F. M. (n.d.). *Fluid Mechanics Ei g ht h E d it ion Publisher: Mechassis.com Chemie.ir*. [www.mechassis.com](http://www.mechassis.com)
- Yu, Y. Q., Wei, S. J., Yang, Y. H., & Cheng, X. (2012). Experimental study of water film falling and spreading on a large vertical plate. *Progress in Nuclear Energy*, 54(1), 22–28. <https://doi.org/10.1016/j.pnucene.2011.09.007>