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Book: Nield, D.A. and Bejan, A., Convection in Porous Media, New York: Springer-Verlag, pp. 125-176, 2005.

e-Books: Buyevich, Yu.A. and Alexandrov, D.V., *Heat Transfer in Dispersions*, Connecticut: Begell House, accessed May 5, 2005, from http://www.begellhouse.com/ebook platform/56b7e0bb224cdbbf/7f98f1e271b3e77a.html, 2005.

Edited Book: Yang, W. and Kim, J.H. Eds., Rotating Machinery, New York: Begell House, 1992.

Edited Book Chapter: Nishikawa, K. and Ito, T., Augmentation of Nucleate Boiling Heat Transfer by Prepared Surfaces, in *Heat Transfer in Energy Problems*, T. Mizushima and W.J. Yang, Eds., Washington, D.C.: Hemisphere Publishing, pp. 111–1182, 1982.

Conference Proceedings: Ma, T.M., Effects of Geometrical Shapes of Reentrant Grooves on Boiling Heat Transfer from Porous Surfaces, *Heat Transfer 1986*, *Proc. of 8th Int. Heat Transf. Conf.*, San Francisco, CA, vol. **4**, pp. 2013–2018, 1987.

Dissertation: Richmond, J., Steady State Thermal Conductivity, PhD, University of Connecticut, 2004.

Journals:

Print Article: Nakayama, W. and Nakajima, T., Effects of Pore Diameters and System Pressure on Saturated Pool Nucleate Boiling Heat Transfer from Porous Surfaces, *J. Enhanced Heat Transf.*, vol. **104**, no. 2, pp. 286–291, 1982.

Online Scholarly Article: Author, A.A., and Author, B.B., Title of Article, *Title of Journal*, vol. **10**, accessed June 10, 1999, from http://www.someaddress.com/full/url/, 1995.

Online Scholarly Article with DOI: Nesterov, D. and Dmitriev, G., Investigation of Loop Heat Pipe Oscillating Behavior using Numerical Simulation, *Heat Pipes Sci. Technol.*, vol. **6**, nos. 1-2, pp. 25-49, 2015. DOI: 10.1615/HeatPipeScieTech.2015012224

Paper or Poster: Authani A.R., Lang LE, Thomas I.M., and Leena V.W., Scientific Images that Change the World, *VIIP 2012, Proc. of 3rd Int. Conf. on Visualization, Imaging and Processing*, Madrid, Spain, 2012.

Patent: Inventor, A.A., Inventor, B.B., and Inventor, C.C., Cement Admixture, US Patent 4,586,960, filed June 26, 1984, and issued May 6, 1986.

Report: Robert, E.E. et al., Oxygen Absorption in the Atmosphere, Aerospace Corp., Los Angeles, CA, Tech. Rep. TR-0200 (4230-46)-3, Nov. 1988.

Web Documents:

Chapter or Section: Author, A.A. and Author, B.B., Title of Article, in *Title of Book or Larger Document* (chapter or section number), accessed April 1, 2014, from http://www.someaddress.com/full/url/, 2000.

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