

Reading and Reference for Glass-ceramic processing lectures by E.D. Zanotto

Pre-requisite reading assignment:

Zanotto, E. D., A bright future for glass-ceramics. Am. Ceram. Soc. Bul. 89 [8], 2010.

Supplemental reading assignment:

Book

Höland, W. and Beall, G., Glass-Ceramic Technology. 2nd Edition, The American Ceramic Society & John Wiley & Sons, Inc., 2012.

Suggested Readings: Recent review articles:

- [1] Sakamoto, A. and Yamamoto, S., Glass–Ceramics: Engineering Principles and Applications. Int. J. Appl. Glass Sci., 1[3], 237-247, 2010.
- [2] Beall, G. H., Milestones in glass-ceramics: A personal perspective. Int. J. Appl. Glass Sci., [Special Issue: The Controlled Crystallization of Glass and General Glass Science](#), 5[2], 93-103, 2014.
- [3] Hench, L. L., Glass and glass-ceramic technologies to transform the world. Int. J. Appl. Glass Sci., 2[3], 162-176, 2011.
- [4] Davis, M. J., Practical aspects and implications of interfaces in glass-ceramics: A review. Inter. J. Mater. Res., 99[1], 120-128, 2008.
- [5] Zanotto, E. D., Glass crystallization research – A 36-Year retrospective. Part II, Methods of study and glass-ceramics. Inter. J. Appl. Glass Sci., 4 [2], 117-124, 2013.