

- Akhondi, H., Taheri-Nassaj, E., Sarpoolaky, H., & Taavoni-Gilan, A. (2009). Gelcasting of alumina nanopowders based on gelation of sodium alginate. *Ceramics International*, 35(3), 1033–1037.
- Blocher Jr, J. M., Ish, C. J., Leiter, D. P., Plock, L. F., & Campbell, I. E. (1957). *Carbide coatings on graphite*. Battelle Memorial Inst., Columbus, Ohio.
- Chabert, F., Dunstan, D. E., & Franks, G. V. (2008). Cross-linked polyvinyl alcohol as a binder for gelcasting and green machining. *Journal of the American Ceramic Society*, 91(10), 3138–3146.
- Chen, Y., Xie, Z., Yang, J., & Huang, Y. (1999). Alumina casting based on gelation of gelatine. *Journal of the European Ceramic Society*, 19(2), 271–275.
- CoorsTek Inc. (2017). High-Performance Heating Igniters. Retrieved May 26, 2019, from <https://www.coorstek.com/media/1759/heating-igniters-brochure.pdf>
- Dhara, S., & Bhargava, P. (2001). Egg white as an environmentally friendly low-cost binder for gelcasting of ceramics. *Journal of the American Ceramic Society*, 84(12), 3048–3050.
- Ghosal, S., Emami-Naeini, A., Harn, Y. - P., Draskovich, B. S., & Pollinger, J. P. (1999). A physical model for the drying of gelcast ceramics. *Journal of the American Ceramic Society*, 82(3), 513–520.
- Guillon, O., Gonzalez-Julian, J., Dargatz, B., Kessel, T., Schierning, G., RÃ?thel, J., et al. (2014). Field-assisted sintering technology/spark plasma sintering: mechanisms, materials, and technology developments. *Advanced Engineering Materials*, 16(7), 830–849.
- Hammond, J. P., David, S. A., & Santella, M. L. (1988). Brazing ceramic oxides to metals at low temperatures. *Welding J*, 67(10), 227–232.
- Koch, D., Andresen, L., Schmedders, T., & Grathwohl, G. (2003). Evolution of porosity by freeze casting and sintering of sol-gel derived ceramics. *Journal of sol-gel science and technology*, 26(1-3), 149–152.
- Langley, S. P. (1880). The Bolometer and Radiant Energy. In *Proceedings of the American Academy of Arts and Sciences* (Vol. 16, pp. 342–358).
- Lazic, M. S., Simovic, K., Miskovic-Stankovic, V. B., Jovanic, P., & Kicevic, D. (2004). The influence of the deposition parameters on the porosity of thin alumina films on steel. *Journal of the Serbian Chemical Society*, 69(3), 239–249.
- Luks, D. W. (1942). *Vitreous high alumina porcelain*. Google Patents.
- NPTEL. Processing of Ceramic Parts - Pressing..
- P.M.Roberts/Delphi Brazing Consultants. (2009). Is it possible to braze ceramics?.
- Raj, R., & Terauds, K. (2015). Bubble Nucleation During Oxidation of SiC. *Journal of the American Ceramic Society*, 98(8), 2579–2586.
- Schrieber, R., & Gareis, H. (2007). *Gelatine handbook: theory and industrial practice*. John Wiley & Sons.
- Sgobba, S. (2006). *Materials for high vacuum technology, an overview*. Cern.

Xie, Z. - P., Huang, Y., Chen, Y. - L., & Jia, Y. (2001). A new gel casting of ceramics by reaction of sodium alginate and calcium iodate at increased temperatures. *Journal of materials science letters*, 20(13), 1255–1257.

Yoder, T., Greene, B., & Porter, A. (2015). Carbon Structure Hazard Control.