Publications

- **Vascularized Bone-Mimetic Hydrogel Constructs by 3D Bioprinting to Promote Osteogenesis and Angiogenesis.** *International Journal of Molecular Sciences*  
  Anada, T., Pan, C., Stahl, A. M., Mori, S., Fukuda, J., Suzuki, O., Yang, Y.  
  2019; 20 (5)

- **A Preclinical Induced Membrane Model to Evaluate Synthetic Implants for Healing Critical Bone Defects Without Autograft.** *Journal of Orthopaedic Research: Official Publication of the Orthopaedic Research Society*  
  2018

- **Systematic characterization of 3D-printed PCL/beta-TCP scaffolds for biomedical devices and bone tissue engineering: Influence of composition and porosity.** *Journal of Materials Research*  
  Bruyas, A., Lou, F., Stahl, A. M., Gardner, M., Maloney, W., Goodman, S., Yang, Y.  
  2018; 33 (14): 1948–59

- **Tunable Elastomers with an Antithrombotic Component for Cardiovascular Applications.** *Advanced Healthcare Materials*  
  Stahl, A. M., Yang, Y. P.  
  2018: e1800222

- **Synthesis and characterization of polycaprolactone urethane hollow fiber membranes as small diameter vascular grafts.** *Materials Science & Engineering C-Materials for Biological Applications*  
  Mercado-Pagan, A. E., Stahl, A. M., Ramseier, M. L., Behn, A. W., Yang, Y.  
  2016; 64: 61-73

- **Vascularization in Bone Tissue Engineering Constructs.** *Annals of Biomedical Engineering*  
  Mercado-Pagan, A. E., Stahl, A. M., Shanjani, Y., Yang, Y.  
  2015; 43 (3): 718-729