Publications

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. *MATHEMATICAL SCIENCES & 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