

## Professional Journal Publications

### 2018

Number of publications = 7

**Boldfaced** names represent Bioengineering undergraduate students

Wolozny D, **Movizzo P**, Lake JR, Long Z, Ruder WC (2018). *An additive manufacturing approach that enables the field deployment of synthetic biosensors*. Engineering, 5:173-180

Santini T, Zhao Y, Wood S, Krishnamurthy N, Kim J, Farhat N, Alkhateeb S, Martins T, **Koo M**, Zhao T, Aizenstein H, & Ibrahim TS (2018). *In-vivo and numerical analysis of the eigenmodes produced by a multi-level Tic-Tac-Toe head transmit array for 7 Tesla MRI*. PLOS | ONE

Vaudreuil N, Xue J, **Ramanathan R**, Tisherman R, Dombrowski M, Wang W-J, and Bell J (2018). *Novel use of telescoping growth rods in treatment of early onset scoliosis: An in vivo and in vitro study in a porcine model*. JOR Spine, 1(4):1-8

White LJ, Keane TJ, **Smoulder A**, Zhang L, Reing J, Turner NJ, Badylak SF (2018). *The impact of sterilization upon extracellular matrix hydrogel structure and function*. Journal of Immunology and Regenerative Medicine, 2:11-20

Marcantonio DD, Martinez E, Sidoli S, Vadaketh J, Nieborowska-Skorska M, Gupta A, **Meadows JM**, Ferraro F, Masselli E, Challen GA, Milsom MD, Scholl C, Froehling S, Balachandran S, Skorski T, Garcia B, Mirandola P, Gobbi G, Garzon R, Vitale M, Sykes SM (2018). *PKC epsilon is a Key Regulator of Mitochondrial Redox Homeostasis in Acute Myeloid Leukemia*. Clinical Cancer Research, 24(3):608-618

Monroe AL, Kunkel FA, **Kostishack LM**, Chelly JE (2018). *Opioid addiction following surgery*. Global Journal of Addiction & Rehabilitation Medicine, 5(1)

**Patel S**, Giugale JM, Debski RE, Fowler JR (2018). *Effect of Screw Length and Geometry on Interfragmentary Compression in a Simulated Proximal Pole Scaphoid Fracture Model*. HAND(N.Y.)