

Professional Journal Publications

2020

Number of publications = **10**

Boldfaced names represent Bioengineering undergraduate students

Ly M, Yu GZ, Karim HT, **Muppidi NR**, Mizuno A, Klunk WE, Aizenstein HJ (2020). *Improving brain age prediction models: incorporation of amyloid status in Alzheimer's disease*. *Neurobiology of Aging*, 87:44-48

Eagle SR, **Puligilla A**, Fazio-Sumrok V, Kegel N, Collins MW, Kontos AP (2020). *Time to Initial Clinic Visit Predicts Prolonged Recovery in Pediatric Patients with Concussion*. *Journal of Neurosurgery: Pediatrics*

Shwetar YJ, Veerubhotla AL, Huang Z, Ding D (2020). *Comparative validity of energy expenditure prediction algorithms using wearable devices for people with spinal cord injury*. *Spinal Cord*

Allen A, Gau D, Francoeur P, **Sturm J**, Wang Y, Martin R, Maranchi J, Duensing A, Kaczorowski A, Duensing S, Wu L, Lotze MT, Koes D, Storkus WJ, and Partha Roy (2020). *Actin-binding protein profilin1 promotes aggressiveness of clear-cell renal cell carcinoma cells*. *Journal of Biological Chemistry*, 295(46):15636-15649

Knutsen RH, Gober LM, **Sukinik JR**, Donahue DR, Kronquist EK, Levin MD, McLean SE, and Kozel BA (2020). *Vascular Casting of Adult and Early Postnatal Mouse Lungs for Micro-CT Imaging*. *Journal of Visualized Experiments*, 160:e61242

Wellman SW, Guzman K, Steiger KC, Brink LE, Sridhar S, **Dubaniewicz MT**, Li L, Cambi F, and Kozai TDY (2020). *Cuprizone-induced oligodendrocyte loss and demyelination impairs recording performance of chronically implanted neural interfaces*. *Biomaterials*, 239:119842

Beschorner KE, **Siegel JL**, Hemler SL, Sundaram VH, Chanda A, Iraqi A, Haight JM, and Redfern MS (2020). *An observational ergonomic tool for assessing the worn condition of slip-resistant shoes*. *Applied Ergonomics*, 88:103-140

Cheikhi A, Anguiano T, **Lasak J**, Qian B, Sahu A, Mimiya H, Cohen C, Wipf P, Ambrosio F, and Barchowsky A (2020). *Arsenic Stimulates Myoblast Mitochondrial Epidermal Growth Factor Receptor to Impair Myogenesis*. *Toxicological Sciences*, 176:162-174

SharifiKia D, Benza E, Bachman TN, **Tushak C**, Kim K, Simon MA (2020). *Angiotensin Receptor-Neprilysin Inhibition Attenuates Right Ventricular Remodeling in Pulmonary Hypertension*. *Journal of the American Heart Association*, 9:e015708

Ejaz A, **Yang KS**, Venkatesh KP, Chinnapaka S, Kokai LE, and Rubin JP (2020). *The Impact of Human Lipoaspirate and Adipose Tissue-Derived Stem Cells Contact Culture on Breast Cancer Cells: Implications in Breast Reconstruction*. International Journal of Molecular Sciences, 21(23): 9171