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*On Display*  
edited by MTR

# On Display

July 2024

## Recent Faculty Publications

1. Aryal A, Harmon AC, **Varner KJ**, Noël A, Cormier SA, Nde DB, Mottram P, Maxie J, Dugas TR. Inhalation of particulate matter containing environmentally persistent free radicals induces endothelial dysfunction mediated via AhR activation at the air-blood interface. *Toxicol Sci.* 2024 May 28;199(2):246-260. doi: 10.1093/toxsci/kfae007. PMID: 38310335.
2. **Biose IJ**, Bakare AB, Wang H, Gressett TE, Bix GJ. Sleep apnea and ischemic stroke- a perspective for translational preclinical modelling. *Sleep Med Rev.* 2024 Jun;75:101929. doi: 10.1016/j.smrv.2024.101929. Epub 2024 Apr 1. PMID: 38581800.
3. **Branstetter RM 4th**, Owodunni OP, Courville EN, Courville JT, Gagliardi TA, Conti JT, Schmidt MH, Bowers CA. The Weight of Frailty in Neurosurgery Patients: Analyzing the Combined Effect of Frailty and Body Mass Index on 30-Day Postoperative Mortality. *World Neurosurg.* 2024 Apr;184:e449-e459. doi: 10.1016/j.wneu.2024.01.145. Epub 2024 Feb 3. PMID: **38310945**.
4. **Gelvez D, Dong K, Redlich N, Williams J, Bhandutia A, Shamassian B.** Treatment Strategies in the Osteoporotic Spine. *Orthop Clin North Am.* 2024 Jul;55(3):403-413. doi: 10.1016/j.ocl.2024.01.001. Epub 2024 Jan 23. PMID: 38782511.
5. **Ivanko A, Garbuzov AE, Schoen JE, Kearns R, Phillips B, Murata E, Danos D, Phelan HA, Carter JE.** The Burden of Burns: An Analysis of Public Health Measures. *J Burn Care Res.* 2024 Apr 13;irae053. doi: 10.1093/jbcr/irae053. Epub ahead of print. PMID: 38609187.
6. **Jeha GM, Bao-Loc-Trung M, Rougelot RC, LeBlanc K Jr.** Anterior Alarotomy Technique to Obtain Surgical Access and Visualization of a Basal Cell Carcinoma of the Nasal Vestibule During Mohs Micrographic Surgery. *Dermatol Surg.* 2024 Jun 1;50(6):576-578. doi: 10.1097/DSS.0000000000004120. Epub 2024 Feb 13. PMID: 38349860.
7. Liu W, Piccardi L, **Liu H**, Zhang L, Liu C, Xia J. Editorial: Physical exercise and brain health: functional mediators and therapeutic targets focusing on neuroendocrinology. *Front Neurosci.* 2024 Apr 25;18:1415752. doi: 10.3389/fnins.2024.1415752. PMID: 38726029; PMCID: PMC11079315.
8. Schneyer RJ, **Scheib SA**, Green IC, Molina AL, Mara KC, Wright KN, Siedhoff MT, Truong MD. Validation of a Simulation Model for Robotic Myomectomy. *J Minim Invasive Gynecol.* 2024 Apr;31(4):330-340.e1. doi: 10.1016/j.jmig.2024.01.011. Epub 2024 Feb 1. PMID: 38307222.