

## Jonathan Hu

- Affiliate, Department Funds
- Resident in Medicine

### Publications

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#### PUBLICATIONS

- **Diagnostic challenges in identifying myocardial infarction due to coronary vasospasm in pregnancy complicated by partial HELLP syndrome: a case report.** *European heart journal. Case reports*  
Hu, J., Higuchi, S., Tanisawa, H., Shinke, T.  
2025; 9 (10): ytaf496
- **The Impact of Social Determinants of Health on Timely Detection in Transthyretin Cardiac Amyloidosis.** *JACC. Heart failure*  
Fahed, G., Jimenez, J. I., Adrianzen Fonseca, M. I., Hu, J., Spencer-Bonilla, G., Haddad, F., Pino Moreno, J. E., Witteles, R. M., Alexander, K. M.  
2025; 13 (3): 530-532
- **The Impact of a Heart Health Service Learning Opportunity for First-Year Medical Students** *International Medical Education*  
Lee, A. Y., Hu, J., Helaine, K. J., Dee-Ann, C.  
2025; 4 (2): 16
- **Yield of Echocardiography with Bubble Studies Among Acute Ischemic Stroke Patients.** *Journal of clinical medicine*  
Hu, J., Lee, A. Y., Nakagawa, K., Vu, K., Khan, Z. R., Tanoue, M.  
2024; 13 (21)
- **An Escape Room to Teach First- and Second-Year Medical Students Nephrology.** *Medical science educator*  
Hu, J., Sonleitner, M., Weldon, E., Kejriwal, S., Brown, B., Shah, A.  
2024; 34 (1): 71-76
- **The Efficacy of an Immersive Virtual Reality Exergame Incorporating an Adaptive Cable Resistance System on Fitness and Cardiometabolic Measures: A 12-Week Randomized Controlled Trial.** *International journal of environmental research and public health*  
Mologne, M. S., Hu, J., Carrillo, E., Gomez, D., Yamamoto, T., Lu, S., Browne, J. D., Dolezal, B. A.  
2022; 20 (1)
- **Effect of Real-Time Feedback on Power Output Using a Novel Smart-Resisted Sled Push.** *International journal of exercise science*  
Goldman, P., Pandit, B., Gomez, D., Lu, S., Mills, C., Kull, N., Ku, R., Aramie, A., Kim, A., Alexandru, A., Hu, J., Neufeld, E. V., Dolezal, et al  
2022; 15 (6): 1578-1586
- **Muscle Activity During Immersive Virtual Reality Exergaming Incorporating an Adaptive Cable Resistance System.** *International journal of exercise science*  
Gomez, D., Browne, J. D., Almalouhi, A., Abundex, M., Hu, J., Nason, S., Kull, N., Mills, C., Harris, Q., Ku, R., Neufeld, E. V., Dolezal, B. A.  
2022; 15 (7): 261-275
- **Physiological and Metabolic Requirements, and User-Perceived Exertion of Immersive Virtual Reality Exergaming Incorporating an Adaptive Cable Resistance System: An Exploratory Study.** *Games for health journal*  
Hu, J., Browne, J. D., Arnold, M. T., Robinson, A., Heacock, M. F., Ku, R., Mologne, M., Baum, G. R., Ikemiya, K. A., Neufeld, E. V., Dolezal, B. A.  
2021; 10 (5): 361-369
- **Not All HIFT Classes Are Created Equal: Evaluating Energy Expenditure and Relative Intensity of a High-Intensity Functional Training Regimen.** *International journal of exercise science*  
Browne, J. D., Carter, R., Robinson, A., Waldrup, B., Zhang, G., Carrillo, E., Dinh, M., Arnold, M. T., Hu, J., Neufeld, E. V., Dolezal, B. A.  
2020; 13 (4): 1206-1216

- **Energy Expenditure and Muscular Recruitment Patterns of Riding a Novel Electrically Powered Skateboard.** *International journal of exercise science*  
Robinson, A. J., Carter, R. P., Browne, J. D., Hu, J., Arnold, M. T., Baum, J. T., Neufeld, E. V., Dolezal, B. A.  
2020; 13 (4): 1783-1793
- **Lower Limb Graduated Compression Garments Modulate Autonomic Nervous System and Improve Post-Training Recovery Measured via Heart Rate Variability.** *International journal of exercise science*  
Hu, J., Browne, J. D., Baum, J. T., Robinson, A., Arnold, M. T., Reid, S. P., Neufeld, E. V., Dolezal, B. A.  
2020; 13 (7): 1794-1806