

# Stanford

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## Patrick D. Loftus

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### Publications

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#### PUBLICATIONS

- **Intrinsically stretchable electrode array enabled in vivo electrophysiological mapping of atrial fibrillation at cellular resolution.** *Proceedings of the National Academy of Sciences of the United States of America*  
Liu, J., Zhang, X., Liu, Y., Rodrigo, M., Loftus, P. D., Aparicio-Valenzuela, J., Zheng, J., Pong, T., Cyr, K. J., Babakhanian, M., Hasi, J., Li, J., Jiang, et al  
2020
- **Aortic Valve Repair and Valve-Sparing Aortic Root Replacement** *STS Cardiothoracic Surgery E-Book*  
Loftus, P. D., Woo, J.  
2020
- **Publish, Don't Perish! # 3: The Long Wait is Over**  
Brodsky, J. B., Brock-Utne, J. G., Ehrenwerth, J., Loftus, P. D.  
Independent.2020
- **Diagnosing Epithelioid Hemangioendothelioma with Pericardial Involvement.** *The Annals of thoracic surgery*  
Balansay, B. E., Zhang, X., Loftus, P. D., Valenzuela, J. A., Zambrano, E., Lee, A. M.  
2018
- **Mechanical stretch triggers rapid epithelial cell division through Piezo1.** *Nature*  
Gudipaty, S. A., Lindblom, J., Loftus, P. D., Redd, M. J., Edes, K., Davey, C. F., Krishnegowda, V., Rosenblatt, J.  
2017; 543 (7643): 118–21
- **Use of Oxandrolone to Promote Growth in Neonates following Surgery for Complex Congenital Heart Disease: An Open-Label Pilot Trial.** *Congenital heart disease*  
Burch, P. T., Spigarelli, M. G., Lambert, L. M., Loftus, P. D., Sherwin, C. M., Linakis, M. W., Sheng, X., LuAnn Minich, L., Williams, R. V.  
2016; 11 (6): 693–99
- **Paravertebral regional blocks decrease length of stay following surgery for pectus excavatum in children** *JOURNAL OF PEDIATRIC SURGERY*  
Loftus, P. D., Elder, C. T., Russell, K. W., Spanos, S. P., Barnhart, D. C., Scaife, E. R., Skarda, D. E., Rollins, M. D., Meyers, R. L.  
2016; 51 (1): 149-153
- **Addressing challenges of training a new generation of clinician-innovators through an interdisciplinary medical technology design program: Bench-to-Bedside.** *Clinical and translational medicine*  
Loftus, P. D., Elder, C. T., D'Ambrosio, T., Langell, J. T.  
2015; 4: 15-?
- **Neonatal Flail Tricuspid Valve: Diagnosis and Management** *ANNALS OF THORACIC SURGERY*  
Loftus, P. D., Arrington, C. B., Kaza, A. K.  
2014; 98 (3): 1098-1101
- **Heart failure due to "disappearing" aortic valve in hypoplastic left heart syndrome.** *World journal for pediatric & congenital heart surgery*  
Loftus, P. D., Erickson, L. K., Everitt, M. D., Kaza, A. K.  
2014; 5 (2): 334-337
- **Crowding induces live cell extrusion to maintain homeostatic cell numbers in epithelia** *NATURE*  
Eisenhoffer, G. T., Loftus, P. D., Yoshigi, M., Otsuna, H., Chien, C., Morcos, P. A., Rosenblatt, J.

2012; 484 (7395): 546-U183