

# Stanford

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## Maedeh Zamani

Postdoctoral Research Fellow, Cardiothoracic Surgery

### Bio

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#### PROFESSIONAL EDUCATION

- Bachelor of Science, Isfahan University Of Technology (2005)
- Master of Science, Isfahan University Of Technology (2008)
- Doctor of Philosophy, National University Of Singapore (2016)

#### STANFORD ADVISORS

- Ngan Huang, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Manipulating the degradation rate of PVA nanoparticles by a novel chemical-free method** *POLYMERS FOR ADVANCED TECHNOLOGIES*  
Mandegari, M., Ghasemi-Mobarakeh, L., Zamani, M.  
2019; 30 (9): 2381–91
- **Endothelial Cell Mechanotransduction in the Dynamic Vascular Environment** *ADVANCED BIOSYSTEMS*  
Charbonier, F. W., Zamani, M., Huang, N. F.  
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- **Endothelial Cell Mechanotransduction in the Dynamic Vascular Environment.** *Advanced biosystems*  
Charbonier, F. W., Zamani, M. n., Huang, N. F.  
2019; 3 (2)
- **Aligned Nanofibrillar Scaffolds for Controlled Delivery of Modified mRNA.** *Tissue engineering. Part A*  
Zaitseva, T. n., Alcazar, C. n., Zamani, M. n., Hou, L. n., Sawamura, S. n., Yakubov, E. n., Hopkins, M. n., Woo, Y. J., Paukshto, M. n., Huang, N. F.  
2018
- **Multicellular Interactions in 3D Engineered Myocardial Tissue.** *Frontiers in cardiovascular medicine*  
Zamani, M., Karaca, E., Huang, N. F.  
2018; 5: 147