

## Zhen Li

Postdoctoral Research Fellow, Pediatric Surgery

### Bio

---

#### PROFESSIONAL EDUCATION

- Bachelor of Science, Zhejiang University (2011)
- Doctor of Philosophy, Zhejiang University (2016)

### Publications

---

#### PUBLICATIONS

- **Label-free discrimination of membrane-translocating peptides on porous silicon microfluidic biosensors** *BIOMICROFLUIDICS*  
Li, Z., Luo, Q., Wu, J.  
2016; 10 (6): 064113
- **Bacteria detection based on its blockage effect on silicon nanopore array** *BIOSENSORS & BIOELECTRONICS*  
Tang, Y., Li, Z., Luo, Q., Liu, J., Wu, J.  
2016; 79: 715–20
- **Urinary Colorimetric Sensor Array and Algorithm to Distinguish Kawasaki Disease from Other Febrile Illnesses** *PLOS ONE*  
Li, Z., Tan, Z., Hao, S., Jin, B., Deng, X., Hu, G., Liu, X., Zhang, J., Jin, H., Huang, M., Kanegaye, J. T., Tremoulet, A. H., Burns, et al  
2016; 11 (2)
- **Label-free study of the function of ion channel protein on a microfluidic optical sensor integrated with artificial cell membrane** *LAB ON A CHIP*  
Li, Z., Tang, Y., Zhang, L., Wu, J.  
2014; 14 (2): 333–41
- **Serological Targeted Analysis of an ITIH4 Peptide Isoform: A Preterm Birth Biomarker and Its Associated SNP Implications** *JOURNAL OF GENETICS AND GENOMICS*  
Tan, Z., Hu, Z., Cai, E. Y., Alev, C., Yang, T., Li, Z., Sung, J., El-Sayed, Y. Y., Shaw, G. M., Stevenson, D. K., Butte, A. J., Sheng, G., Sylvester, et al  
2015; 42 (9): 507-510
- **Cerebrospinal fluid protein dynamic driver network: At the crossroads of brain tumorigenesis** *METHODS*  
Tan, Z., Liu, R., Zheng, L., Hao, S., Fu, C., Li, Z., Deng, X., Jang, T., Merchant, M., Whitin, J. C., Guo, M., Cohen, H. J., Recht, et al  
2015; 83: 36-43
- **Real-time web-based assessment of total population risk of future emergency department utilization: statewide prospective active case finding study.** *Interactive journal of medical research*  
Hu, Z., Jin, B., Shin, A. Y., Zhu, C., Zhao, Y., Hao, S., Zheng, L., Fu, C., Wen, Q., Ji, J., Li, Z., Wang, Y., Zheng, et al  
2015; 4 (1)
- **Risk prediction of emergency department revisit 30 days post discharge: a prospective study.** *PloS one*  
Hao, S., Jin, B., Shin, A. Y., Zhao, Y., Zhu, C., Li, Z., Hu, Z., Fu, C., Ji, J., Wang, Y., Zhao, Y., Dai, D., Culver, et al  
2014; 9 (11): e112944
- **Rapid Antibiotic Susceptibility Testing in a Microfluidic pH Sensor** *ANALYTICAL CHEMISTRY*  
Tang, Y., Zhen, L., Liu, J., Wu, J.  
2013; 85 (5): 2787–94