

# Stanford

---

## Yufeng Zhao

Postdoctoral Research Fellow, Neurobiology

### Bio

---

#### PROFESSIONAL EDUCATION

- Ph.D, University of Alberta , Chemistry (2017)
- B.Sc, Sun Yat-sen University , Chemistry (2012)

#### STANFORD ADVISORS

- Michael Lin, Postdoctoral Faculty Sponsor

### Publications

---

#### PUBLICATIONS

- **Sample Preparation in Centrifugal Microfluidic Discs for Human Serum Metabolite Analysis by Surface Assisted Laser Desorption/Ionization Mass Spectrometry** *ANALYTICAL CHEMISTRY*  
Zhao, Y., Hou, Y., Ji, J., Khan, F., Thundat, T., Harrison, D.  
2019; 91 (12): 7570–77
- **A single-phase flow microfluidic cell sorter for multiparameter screening to assist the directed evolution of Ca<sup>2+</sup> sensors.** *Lab on a chip*  
Zhao, Y., Zhang, W., Zhao, Y., Campbell, R. E., Harrison, D. J.  
2019
- **Inverse-response Ca<sup>2+</sup> indicators for optogenetic visualization of neuronal inhibition** *SCIENTIFIC REPORTS*  
Zhao, Y., Bushey, D., Zhao, Y., Schreiter, E. R., Harrison, D., Wong, A. M., Campbell, R. E.  
2018; 8: 11758
- **Microfluidic cell sorter-aided directed evolution of a protein-based calcium ion indicator with an inverted fluorescent response** *INTEGRATIVE BIOLOGY*  
Zhao, Y., Abdelfattah, A. S., Zhao, Y., Ruangkittisakul, A., Ballanyi, K., Campbell, R. E., Harrison, D.  
2014; 6 (7): 714–25
- **Controllable synthesis of hierarchical ZnO nanodisks for highly photocatalytic activity** *CRYSTENGCOMM*  
Zhai, T., Xie, S., Zhao, Y., Sun, X., Lu, X., Yu, M., Xu, M., Xiao, F., Tong, Y.  
2012; 14 (5): 1850–55
- **Preparation and Magnetic Properties of Polycrystalline Eu<sub>2</sub>O<sub>3</sub> Microwires** *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*  
Zhang, P., Zhao, Y., Zhai, T., Lu, X., Liu, Z., Xiao, F., Liu, P., Tong, Y.  
2012; 159 (4): D204–D207