

## Craig Markin

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### Publications

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#### PUBLICATIONS

- **A High-Throughput Assay Platform for Next-Generation Mechanistic Enzymology and Applications**  
Markin, C. J., Mokhtari, D. A., Sunden, F., Appel, M. J., Herschlag, D. M., Fordyce, P.  
CELL PRESS.2020: 535A
- **A Microfluidics-Based Assay for Mapping Connectivity in Highly Proficient Enzymes Reveals Functional Modularity**  
Markin, C. J., Mokhtari, D. A., Sunden, F., Herschlag, D., Fordyce, P. M.  
CELL PRESS.2019: 66A
- **Bringing Enzymology into the Genomic Era: Developing and Deploying New Tools to Quantitatively Map Functional Connections Throughout an Enzyme**  
Markin, C., Mokhtari, D., Sunden, F., Herschlag, D., Fordyce, P. M.  
CELL PRESS.2019: 23A
- **Role of Polyubiquitin Chain Flexibility in the Catalytic Mechanism of Cullin-RING Ubiquitin Ligases** *JOURNAL OF PHYSICAL CHEMISTRY B*  
Markin, C. J., Mercier, P., Spyropoulos, L.  
2019; 123 (4): 776–86
- **An Open-Source, Programmable Pneumatic Setup for Operation and Automated Control of Single- and Multi-Layer Microfluidic Devices.** *HardwareX*  
Brower, K., Puccinelli, R., Markin, C. J., Shimko, T. C., Longwell, S. A., Cruz, B., Gomez-Sjoberg, R., Fordyce, P. M.  
2018; 3: 117–34