

## Jessica Su

Ph.D. Student in Chemistry, admitted Summer 2015

### Publications

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#### PUBLICATIONS

- **Degradable Polyacetals/Ketals from Alternating Ring-Opening Metathesis Polymerization** *ACS MACRO LETTERS*  
Elling, B. R., Su, J. K., Xia, Y.  
2020; 9 (2): 180–84
- **Precise Placement of Single Monomer Units in Living Ring-Opening Metathesis Polymerization** *CHEM*  
Elling, B. R., Su, J. K., Feist, J. D., Xia, Y.  
2019; 5 (10): 2691–2701
- **Tuning the Reactivity of Cyclopropenes from Living ROMP to Single Addition and AROMP via Simple Substituents.** *Angewandte Chemie (International ed. in English)*  
Su, J. K., Jin, Z., Zhang, R., Lu, G., Liu, P., Xia, Y.  
2019
- **Synthesis and Mechanochemical Activation of Ladderene-Norbornene Block Copolymers.** *Journal of the American Chemical Society*  
Su, J. K., Feist, J. D., Yang, J., Mercer, J. A., Romaniuk, J. A., Chen, Z., Cegelski, L., Burns, N. Z., Xia, Y.  
2018; 140 (39): 12388–91
- **A bright organic NIR-II nanofluorophore for three-dimensional imaging into biological tissues** *NATURE COMMUNICATIONS*  
Wan, H., Yue, J., Zhu, S., Uno, T., Zhang, X., Yang, Q., Yu, K., Hong, G., Wang, J., Li, L., Ma, Z., Gao, H., Zhong, et al  
2018; 9: 1171
- **Ring-opening metathesis polymerization of 1,2-disubstituted cyclopropenes** *CHEMICAL COMMUNICATIONS*  
Elling, B. R., Su, J. K., Xia, Y.  
2016; 52 (58): 9097-9100