

# Stanford

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## Shyam Iyer

Ph.D. Student in Chemistry, admitted Autumn 2014

### Bio

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#### STANFORD ADVISORS

- Edward Solomon, Doctoral Dissertation Advisor (AC)

### Publications

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#### PUBLICATIONS

- **A chameleon catalyst for nonheme iron-promoted olefin oxidation** *CHEMICAL COMMUNICATIONS*  
Iyer, S. R., Javadi, M. M., Feng, Y., Hyun, M. Y., Oloo, W. N., Kim, C., Que, L.  
2014; 50 (89): 13777-13780
- **Cyclohexene as a substrate probe for the nature of the high-valent iron-oxo oxidant in Fe(TPA)-catalyzed oxidations** *NEW JOURNAL OF CHEMISTRY*  
Oloo, W. N., Feng, Y., Iyer, S., Parmelee, S., Xue, G., Que, L.  
2013; 37 (11): 3411-3415
- **Microwave observation of (KBr)-K-41-Br-79 and (KBr)-K-41-Br-81 from laser-ablated potassium bromide** *JOURNAL OF MOLECULAR SPECTROSCOPY*  
Timp, B. A., Doran, J. L., Iyer, S., Grabow, J., Leopold, K. R.  
2012; 271 (1): 20-24