



Anex Jose

Ph.D. Student in Chemistry, admitted Autumn 2017

Publications

PUBLICATIONS

- **Spiers Memorial Lecture: activating metal sites for biological electron transfer.** *Faraday discussions*
Solomon, E. I., Jose, A.
2022
- **Thermally stable manganese(III) peroxido complexes with hindered N3 tripodal ligands: Structures and their physicochemical properties.** *Journal of inorganic biochemistry*
Fujisawa, K., Sakuma, S., Ikarugi, R., Jose, A., Solomon, E. I.
2021; 225: 111597
- **The three-spin intermediate at the O-O cleavage and proton-pumping junction in heme-Cu oxidases.** *Science (New York, N.Y.)*
Jose, A., Schaefer, A. W., Roveda, A. C., Transue, W. J., Choi, S. K., Ding, Z., Gennis, R. B., Solomon, E. I.
2021; 373 (6560): 1225-1229
- **A Binuclear CuA Center Designed in an All α -Helical Protein Scaffold.** *Journal of the American Chemical Society*
Mirts, E. N., Dikanov, S. A., Jose, A. n., Solomon, E. I., Lu, Y. n.
2020; 142 (32): 13779-94
- **Chloride Control of the Mechanism of Human Serum Ceruloplasmin (Cp) Catalysis.** *Journal of the American Chemical Society*
Tian, S., Jones, S. M., Jose, A., Solomon, E. I.
2019
- **Geometric and Electronic Structure Contributions to O-O Cleavage and the Resultant Intermediate Generated in Heme-Copper Oxidases.** *Journal of the American Chemical Society*
Schaefer, A. W., Roveda, A. C., Jose, A. n., Solomon, E. I.
2019; 141 (25): 10068-81