

Publication of Srinivasan Muniyappan

- [5] "Cooperative Protein Structural Dynamics of Homodimeric Hemoglobin Linked to Water Cluster at Subunit Interface revealed by Time-Resolved X-ray Solution Scattering", J. G. Kim, S. Muniyappan*, K. Y. Oang, T. W. Kim, C. Yang, K. H. Kim, J. Kim, and H. Ihee. **Structural Dynamics**, 2016 (Accepted manuscript) (*Equal contribution)
- [4] "Recent Advances and Future Prospects of Serial Crystallography using XFEL and synchrotron X-ray sources, S. Muniyappan, S. O. Kim, H. Ihee, **Bio Design**, 3, 98-110 (2015) (*Equal contribution)
- [3] "Direct observation of cooperative protein structural dynamics of homodimeric hemoglobin from 100 picoseconds to 10 milliseconds with pump-probe X-ray solution scattering", K. H. Kim, S. Muniyappan*, K. Y. Oang, J. G. Kim, S. Nozawa, T. Sato, S. Koshihara, R. Henning, I. Kosheleva, H. Ki, Y. Kim, T. W. Kim, J. Kim, S. Adachi, H. Ihee , **J. Am. Chem. Soc.**, 134, 7001-7008 (2012) (*Equal contribution)
- [2] "Protein Conformational Dynamics of Homodimeric Hemoglobin Revealed by Combined Time-Resolved Spectroscopic Probes", J. Choi, S. Muniyappan*, J. Wallis, W. Royer, H. Ihee, **ChemPhysChem**, 11, 109-114 (2010) (*Equal contribution)
- [1] "3-Nitro-cinnamic acid", K. U. Lakshmi, S. Thamotharan, M. Srinivasan, K. Ramamurthi, B. Varghese, **Acta Crystallographica, Section E**, 2005, E61, o3636-38.