## LIST OF PUBLICATIONS

**Papers Published in International Journals/Proceedings**

[1] Rotational Correlation Time Studies on Nitroxyl Radicals Using 300 MHz ESR Spectrometer in High Viscous Liquid, A. Milton Franklin Benial, **M. Kumara Dhas** and A. Jawahar, *Applied Magnetic Resonance*, **40**, 311 (2011)

[2] Permeability Studies of Redox-Sensitive Nitroxyl Spin Probes Through Lipid Membranes Using an L-Band ESR Spectrometer, A. Milton Franklin Benial, **M. Kumara Dhas**, Kazuhiro Ichikawa, Ken-ichi Yamada, Fuminori Hyodo, A. Jawahar, Hideo Utsumi, *Applied Magnetic Resonance*, **44**, 439 (2013)

[3] Electron spin resonance spectroscopy studies on reduction process of nitroxyl radicals used in molecular imaging, **M. Kumara Dhas**, A. Jawahar, A. Milton Franklin Benial, *European Journal of Biophysics*, **2**, 1 (2014)

[4] Diffusion Studies of Redox-Sensitive Nitroxyl Spin Probes through Bilayer Lipid Membranes using 300 MHz Electron Spin Resonance Spectrometer, **M. Kumara Dhas**, Hideo Utsumi, Kazuhiro Ichikawa, Ken-ichi Yamada, Fuminori Hyodo, A. Jawahar, A. Milton Franklin Benial, *European Journal of Academic Essays*, **1**, 70 (2014)

[5] Dynamic Nuclear Polarization Properties of Nitroxyl Radicals in high viscous liquid using Overhauser-enhanced Magnetic Resonance Imaging (OMRI), **M. Kumara Dhas,** Hideo Utsumi, Kazuhiro Ichikawa, Ken-ichi Yamada, Fuminori Hyodo, A. Jawahar, A. Milton Franklin Benial, *Journal of Magnetic Resonance* (Under review)

[6] Mobility studies on Nitroxyl radicals using ESR 300 MHz spectrometer, **M. Kumara Dhas**, A. Milton Franklin Benial and A. Jawahar, *American Institute of Physics, Conf. Proc.* **1349**, 971 (2011)

[7] Permeability Studies of Nitroxyl Spin Probes through Lipid Membranes using L-band ESR Spectrometer, A. Milton Franklin Benial, **M. Kumara Dhas**, Kazuhiro Ichikawa, Ken-ichi Yamada, Fuminori Hyodo, A. Jawahar, Hideo Utsumi, *American Institute of Physics, Conf. Proc.* **1447,** 185 (2012)

[8] Premeability studies of Redox-Sensitive Nitroxyl Radicals Through Lipid Membranes, **M. Kumara Dhas,** A. Milton Franklin Benial, Kazuhiro Ichikawa, Ken-ichi Yamada, Fuminori Hyodo, Hideo Utsumi, *American Institute of Physics, Conf. Proc.* **1512,** 132 (2013)

[9] Electron Spin Resonance Studies on Reduction Process of Nitroxyl Spin Radicals used in Molecular Imaging, **M. Kumara Dhas,** A. Jawahar, A. Milton Franklin Benial, *American Institute of Physics, Conf. Proc.* **1591,** 1351 (2014)