

PUBLICATIONS

1. "Combined probes reveal how global conformational changes is temporally and spatially linked to local structural perturbation in photoactive yellow protein" , T. W. Kim, C. Yang, **Y. Kim**, J. G. Kim, J. Kim, Y. O. Jung, S. Jun, S. J. Lee, S. Park, I. Kosheleva, R. Henning, J. van Thor, H. Ihee, **Phys. Chem. Chem. Phys.**, 18, 8911-8919 (2016).
2. "Sub-100-ps Structural Dynamics of Horse Heart Myoglobin Probed by Time-resolved X-ray Solution Scattering", K. Y. Oang, K. H. Kim, J. Jo, **Y. Kim**, J. G. Kim, T. W. Kim, S. Jun, J. Kim, H. Ihee, **Chem. Phys.**, 442, 137-142 (2014)
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4. "High-throughput instant quantification of protein expression and purity based on photoactive yellow protein turn off/on label", **Y. Kim**, P. Ganesan, H. Ihee, **Protein Sci.**, 22, 1109-1117 (2013) (Online publication: 2013-06-05)
5. "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) (Online publication: 2012-04-12).
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7. "Anisotropic Picosecond X-ray Solution Scattering from Photo-selectively Aligned Protein Molecules", J. Kim, K. H. Kim, J. G. Kim, T. W. Kim, **Y. Kim**, H. Ihee, *J. Phys. Chem. Lett.*, 2, 350-356 (2011) (Online publication: 2011-1-31).
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9. "Photophysical properties of Zn-substituted cytochrome c investigated by single-molecule and ensemble-averaged spectroscopy", J. Choi, T. Tachikawa, **Y. Kim**, M. Fujitsuka, H. Ihee, T. Majima, *Chem. Commun.*, Online publication Nov. 1 (2010).
 10. "Protein Tertiary Structural Changes Visualized by Time-Resolved X-ray Solution Scattering", S. Ahn, K. H. Kim, **Y. Kim**, J. Kim and H. Ihee, *J. Phys. Chem. B*, 113, 13131-13133 (2009).
 11. "Adsorption of 1,3-Benzenedithiol and 1,3-Benzenedimethanethiol on Gold Surfaces: Surface-enhanced Raman Scattering, UV-Vis Absorption, Cyclic Voltammetry, and Density Functional Theory Calculations", Jong Kuk Lim, **Youngmin Kim**, Ohyun Kwon, Sang-Woo Joo, *ChemPhysChem*, 2008, 9, 1781-1787
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 16. "CbiX-homologous protein (CbiXhp), a metal-binding protein, from *Streptomyces seoulensis* is involved in expression of nickel-containing superoxide dismutase", In-Kwon Kim, Yang-In Yim,

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17. “Crystal Structure of a New Type of NADPH-Dependent Quinone Oxidoreductase (QOR2) from *Escherichia coli*”, In-Kwon Kim, Hyung-Soon Yim, Min-Kyu Kim, Dong-Won Kim, **Young-Min Kim**, Sun-Shin Cha and Sa-Ouk Kang, *J. Mol. Biol.* (2008) 379, 372–384
18. “Crystallization and preliminary X-ray crystallographic analysis of a ytfG gene product from *Escherichia coli*”, In-Kwon Kim, Hyung-Soon Yim, Dong-Won Kim, **Young-Min Kim**, Heung-Soo Lee, Sun-Shin Cha and Sa-Ouk Kang, *Acta Cryst.* (2004). D60, 365-367

특허 출원

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