

Keisuke Ueda

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Continuously Frequency Tunable High Power Sub-THz Radiation Source—Gyrotron FU CW VI for 600-MHz DNP-NMR Spectroscopy. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2010, 31, 775-790. | 2.2 | 72 |
| 2 | Helium-cooling and -spinning dynamic nuclear polarization for sensitivity-enhanced solid-state NMR at 14T and 30K. <i>Journal of Magnetic Resonance</i> , 2012, 225, 1-9. | 2.1 | 72 |
| 3 | Dynamic nuclear polarization experiments at 14.1 T for solid-state NMR. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 5799. | 2.8 | 68 |
| 4 | Application of Continuously Frequency-Tunable 0.4 THz Gyrotron to Dynamic Nuclear Polarization for 600-MHz Solid-State NMR. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2012, 33, 745-755. | 2.2 | 38 |
| 5 | Development of a Compact sub-THz Gyrotron FU CW CI for Application to High Power THz Technologies. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2012, 33, 724-744. | 2.2 | 19 |
| 6 | Power-Stabilization of High Frequency Gyrotrons Using a Double PID Feedback Control for Applications to High Power THz Spectroscopy. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2014, 35, 159-168. | 2.2 | 18 |
| 7 | Interaction Sites of Tropomyosin in Muscle Thin Filament as Identified by Site-Directed Spin-Labeling. <i>Biophysical Journal</i> , 2011, 100, 2432-2439. | 0.5 | 11 |
| 8 | Further Characterization of 394-GHz Gyrotron FU CW GII with Additional PID Control System for 600-MHz DNP-SSNMR Spectroscopy. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2016, 37, 825-836. | 2.2 | 9 |
| 9 | Calcium-Dependent Interaction Sites of Tropomyosin on Reconstituted Muscle Thin Filaments with Bound Myosin Heads as Studied by Site-Directed Spin-Labeling. <i>Biophysical Journal</i> , 2013, 105, 2366-2373. | 0.5 | 6 |
| 10 | Structure-Correlation NMR Spectroscopy for Macromolecules Using Repeated Bidirectional Photoisomerization of Azobenzene. <i>Analytical Chemistry</i> , 2015, 87, 11544-11552. | 6.5 | 6 |
| 11 | Dynamic structures of motor proteins myosin and kinesin, and switch protein troponin as detected by SDSL-ESR. <i>Microscopy (Oxford, England)</i> , 2005, 54, i47-i51. | 1.5 | 2 |
| 12 | Calcium Structural Transition of Troponin in the Complexes, on the Thin Filament, and in Muscle Fibres, as Studied By Site-Directed Spin-Labeling EPR. , 2007, 592, 125-135. | | 2 |
| 13 | Application of continuously frequency-tunable sub-MMW gyrotron to dynamic nuclear polarization at 14.1 T and 30 K for NMR. , 2011, , . | | 1 |
| 14 | Application of high-intensity sub-MMW to the signal enhancement of nuclear magnetic resonance for biological solids. , 2009, , . | | 0 |
| 15 | Gyrotron output power stabilization by PID feedback control of heater current and anode voltage. , 2014, , . | | 0 |