

## Preface

What will happen on the pathways for graduate students?

(Tokyo Metropolitan University)

Haruo INOUE ..... 131

## Reviews

Mapping Ultrafast Structural Dynamics in Photochemistry  
with Femtosecond Time-Resolved Time-Domain Raman Spectroscopy

(<sup>1</sup>Institute for Molecular Science, <sup>2</sup>RIKEN)

Hikaru KURAMOCHI<sup>1</sup>, Tahei TAHARA<sup>2</sup> ..... 132

Redox Photosensitizers Used for Photocatalytic CO<sub>2</sub> Reduction

(<sup>1</sup>School of Science, Tokyo Institute of Technology,

<sup>2</sup>Graduate School of Advanced Science and Engineering, Hiroshima University)

Yusuke TAMAKI<sup>1</sup>, Osamu ISHITANI<sup>1,2</sup> ..... 140

Examination on the orientation-dependent FRET by using DNA duplex

(Graduate School of Engineering, Nagoya University)

Hiromu KASHIDA, Hiroyuki ASANUMA ..... 148

## Topics

Probing and creating photoinduced charge-separated states using multiple excitation techniques

(Graduate School of Engineering Science, Osaka University)

Hikaru SOTOME, Hiroshi MIYASAKA ..... 155

Organic crystal photoactuators

(Research Organization for Nano & Life Innovation, Waseda University)

Hideko KOSHIMA ..... 159

Development of Flexible Response Systems with High Structural Order Using Platinum(II)

Complexes that Exhibit Assembly Induced Luminescence

(<sup>1</sup>Graduate School of Chemical Sciences and Engineering, Hokkaido University,

<sup>2</sup>School of Biological and Environmental Sciences, Kwansei Gakuin University)

Daisuke SAITO<sup>1</sup>, Masako KATO<sup>2</sup> ..... 163

Essay

..... 167

Reports

..... 169

Records

..... 177

Circular

..... 185

Announcements

..... 186