

2. Awards

The Japan Society for Bioscience, Biotechnology, and Agrochemistry Award for Young Scientists in 2014

NUMATA Tomoyuki (AIST)

“He Revealed the Post-Transcriptional tRNA Modification Mechanisms, by Using Crystallographic and Biochemical Analyzes, which also Elucidated a Part of Decoding Mechanism of the Genetic Code Essential for Life”

The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, Research Category of Prizes for Science and Technology

OSHIMA Masaharu (The Univ. of Tokyo)

“Study on Synchrotron Radiation Nano Spectroscopy and Operando Electronic State Analysis”

The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, Research Category of Prizes for Science and Technology

KOSHIHARA Shinya (Tokyo Inst. of Tech.)

“Experimental Studies on Photoinduced Phase Transition and Related Phenomena”

The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, The Young Scientists' Prize

KAGAWA Fumitaka (RIKEN)

“Research on Strongly Coordinated Electrons in Molecular Solids”

The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, The Young Scientists' Prize

YABUUCHI Naoaki (Tokyo Denki Univ.)

“Study on New Insertion Materials for Rechargeable Batteries”

2014 RESONATE AWARD, Resnick Institute, CALTECH, USA

KOMABA Shinichi (Tokyo Univ. of Science)

“Research and Development of New Electrode Materials for Next Generation Batteries”

The 2014 Japan Society of Coordination Chemistry Research Encouragement Award

SATO Sota (Tohoku Univ.)

“Development of Biomolecular Interfaces Constructed on the Frameworks of Huge, Hollow Spherical Complexes”

Award of Japan Society for Molecular Science

NISHIKAWA Keiko (Chiba Univ.)

“Molecular Science of Complex Condensed Systems Probed by Fluctuation”

The Crystallographic Society of Japan Award

SENDA Toshiya (KEK-PF)

“Structural Biology Studies of CagA from *Helicobacter pylori* and Histone Chaperone CIA/ASF1”

The Crystallographic Society of Japan, Progress Prize

KOTARO FUJII (Tokyo Inst. of Tech.)

“Reaction Mechanism in Organic Crystals and Development of Inorganic Oxide-Ion Conductor Using ab initio Powder Diffraction Analysis”

Surface Science Society Award of The Surface Science Society of Japan

UOSAKI Kohei (NIMS)

“Creation of Functional Materials Based on Understanding and Control of In situ Real-time Monitoring of Geometric, Electronic, and Molecular Structures at Solid/Liquid Interfaces”

Academic Encouragement Award (The Pharmaceutical Society of Japan, Kyushu Branch)

YAMAGUCHI Yoshihiro (Kumamoto Univ.)

“Structural-Functional Analysis and Developing Inhibitors of metallo- β -lactamases Conferring Drug Resistance in Bacteria”

Young Chemist Award of the Chemical Society of Japan Hokkaido Branch

MASUBUCHI Yuji (Hokkaido Univ.)

“Study on Characteristic Crystal Structure Induced by Coexisting of Oxygen and Nitrogen in Inorganic Oxynitride Materials”

The Foundation for High Energy Accelerator Science, Suwa Prize, 2014

The Construction Team of the Compact ERL (A Representative; KAWATA Hiroshi)

“Establishment on the Fundamental ERL Accelerator Technologies and their Examination Studies.”

Japan Society for the Promotion of Science Prize

KOMABA Shinichi (Tokyo Univ. of Science)

“Research and Development of New Electrode Materials for Next Generation Batteries”

Sawamura Awards: Best Papers Published in the Iron and Steel Institute of Japan International in Vol.13

KIMURA Masao¹ and MURAO Reiko² (¹KEK, ²Nippon Steel & Sumitomo Metal Corp.)

“Continuous Cooling Transformation (CCT) Concept for Iron Ore Sintering using In Situ Quick X-Ray Diffraction and Confocal Laser Microscope”

The 56th Japan Institute of Metals and Materials Industrial Achievement Award

ISHIYAMA Shintaro (JAEA)

“R&D on High Performance of Lithium Target for Boron Neutron Capture Therapy”

Young Scientist Award of the Physical Society of Japan

SUMINO Yutaka (Tokyo Univ. of Science)

“Experimental and Theoretical Studies on Spontaneous Motion in None Equilibrium Soft Matter”

Award of Catalysis Society of Japan

YAMASHITA Hiromi (Osaka Univ.)

“Design of Functional Nano Materials Using Single-Site Photocatalysts”

School of Science Research Encouragement Award (Doctor), The Univ. of Tokyo

WAKABAYASHI Daisuke (The Univ. of Tokyo)

“Phase-Transition-Like Change in the Density and Viscosity of Silicate Melt Inferred from the Behavior of SiO₂ Glass under High Pressure”

2014 Encouraging Prize of Japanese Society of Enzyme Engineering

ARAI Ryoichi (Shinshu Univ.)

“Structural Analysis of a Binary Pattern-Designed de Novo Protein and its Application to Construction of Nano-Architectures”

Poster, Presentation Awards & Others

Highly Cited Researchers 2014 by Thomson Reuters (Physics)
TAKAHASHI Takashi (Tohoku Univ.)

Highly Cited Researchers 2014 by Thomson Reuters (Physics)
SATO Takafumi (Tohoku Univ.)

Protein Science Society of Japan 2014 Young Poster Award
MATSUZAWA Jun (The Univ. of Tokyo)
“Redox-Dependent Interaction between Terminal Oxygenase and Ferredoxin Components of Carbazole 1,9a-Dioxygenase”

The 1st Workshop of 3D Active Site Science Best Poster Award
MASUDA Takuya (NIMS)
“In Situ Studies of Electrochemical Processes at Solid Liquid Interfaces using Synchrotron Light Sources”

The 34th Annual Meeting of the Surface Science Society of Japan Best Presentation Award for Young Researcher
MASUDA Takuya (NIMS)
“Adsorption / Desorption Behavior of Nafion on Au and Pt Electrode Surfaces”

CENIDE-CNMM-TIMS Joint Symposium Poster Award
TAKACHI Masamitsu (Univ. of Tsukuba)
“Diffusion Constant of Li⁺/Na⁺ in Prussian Blue Analogues”
