

JSPS Postdoctoral Fellowship for Overseas Researcher

FY 2019 Chemistry

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
LAI, Q. AUSTRALIA	Development of hydrogen-active materials for a novel reversible water-electrolysis/fuel cell	Kyushu University MATSUMOTO, Hiroshige Professor International Institute for Carbon-Neutral Energy Research (I2CNER)	Apr 28, 2019~ Apr 27, 2021	Kyushu Fukuoka
IHSAN, A. B. BANGLADESH	Alternating peptides-based tough and viscoelastic adhesive materials for healthcare applications	Toyama Prefectural University KOYAMA, Yasuhito Associate Professor Department of Pharmaceutical Engineering, Faculty of Engineering	Apr 1, 2019~ Mar 31, 2021	Chubu Toyama
OSTEN, K. M. CANADA	N-Heterocyclic Carbene-Functionalized Gold Nanoclusters	Nagoya University CRUDDEN, Cathleen Visiting Professor Institute of Transformative Bio-Molecules	May 1, 2019~ Apr 30, 2020	Chubu Aichi
TADGELL, C. A. CANADA	Electrocatalysis of nanostructured platinum group metal alloy for oxygen reduction reaction in PEMFC.	Hokkaido University YAGI, Ichizo Professor Faculty of Environmental Earth Science	Feb 1, 2020~ Jan 31, 2022	Hokkaido Hokkaido
CHAOLUMEN, CHINA	Synthesis and Application of Nanocarbons Containing Five-, Seven-, and Eight-Membered Rings	Nagoya University ITAMI, Kenichiro Professor Institute of Transformative Bio-Molecules	Apr 1, 2019~ Mar 31, 2021	Chubu Aichi
JIA, X. CHINA	Regulation of cell fate at liquid-liquid interface	National Institute for Materials Science ARIGA, Katsuhiko Principal Investigator International Center for Materials Nanoarchitectonics	Oct 1, 2019~ Sep 30, 2021	Kanto Ibaraki
LI, H. CHINA	Electric-field controlled ionic manipulation in mixed-anion compounds and reduced perovskite oxides	Kyoto University KAGEYAMA, Hiroshi Professor Graduate School of Engineering	Sep 1, 2019~ Aug 31, 2021	Kinki Kyoto
QIU, Y. CHINA	Rare-Earth Metal-Catalyzed Transformation via Single Electron Transfer Strategy	RIKEN HOU, Zhaomin Chief Scientist RIKEN Cluster for Pioneering Research, Organometallic Chemistry Laboratory	Nov 25, 2019~ Nov 24, 2021	Kanto Saitama

WAN, X. K. CHINA	Synthesis and Electrocatalysis of Atomically Precise Pt-Ni Alloy Nanoclusters for Fuel Cell	Nagoya University TADA, Mizuki Professor Graduate School of Science	Apr 1, 2019~ Mar 31, 2021	Chubu Aichi
WANG, Y. CHINA	Investigation of thermoelectric properties among rylene diimide based n-type organic semiconductors	RIKEN TAKIMIYA, Kazuo Team Leader Center for Emergent Matter Science	Apr 1, 2019~ Mar 31, 2021	Kanto Saitama
XIAO, Q. CHINA	Developing Efficient Particulate Semiconductor Photocatalytic Systems for Solar Water Splitting	Shinshu University DOMEN, Kazunari Special Contract Professor Research Initiative for Supra-Materials	Nov 18, 2019~ Jan 17, 2022	Chubu Nagano
XIONG, G. CHINA	Cascade Catalytic Synthesis of Polycarbonate from Styrene	RIKEN NISHIURA, Masayoshi Senior Research Scientist RIKEN Center for Sustainable Resource Science	Nov 25, 2019~ Nov 24, 2021	Kanto Saitama
ZHANG, S. CHINA	Creation of Expanded and Heteroatom-Embedded New Fullerenes	Kyoto University MURATA, Yasujiro Professor Institute for Chemical Research	Sep 1, 2019~ Aug 31, 2021	Kinki Kyoto
HYNEK, J. CZECH	Novel porous frameworks based on pseudotetrahedral tetrapyrroles for separation of chiral molecules	National Institute for Materials Science HILL, Jonathan Chief Scientist International Center for Materials Nanoarchitectonics	Oct 1, 2019~ Sep 30, 2021	Kanto Ibaraki
KELLER, S. G. GERMANY	Library-based approach for the development of novel fluorogenic probes for colon and stomach cancer	The University of Tokyo URANO, Yasuteru Professor Graduate School of Pharmaceutical Sciences	Oct 1, 2019~ Sep 30, 2021	Kanto Tokyo
LEON, J. C. GERMANY	Template-directed synthesis of asymmetric metal nanomaterials using artificial metallo-DNA	The University of Tokyo SHIONOYA, Mitsuhiro Professor School of Science	Jun 1, 2019~ May 31, 2021	Kanto Tokyo
GALA DE PABLO, J. SPAIN	Biomedical Applications of High-throughput Raman Flow Cytometry	The University of Tokyo GODA, Keisuke Professor Graduate School of Science	Nov 8, 2019~ Nov 7, 2021	Kanto Tokyo

TROYANO, J. P. SPAIN	Asymmetric metal-organic polyhedra towards multifunctional anisotropic porous soft materials	Kyoto University FURUKAWA, Shuhei Associate Professor Institute for Advanced Study	Sep 12, 2019~ Sep 11, 2021	Kinki Kyoto
BOUIBES, A. FRANCE	Theoretical Design of Advanced Non-Flammable Electrolyte with Appropriate Additives for Safe Battery	Nagoya University NAGAOKA, Masataka Professor Graduate School of Informatics	Apr 1, 2019~ Mar 31, 2021	Chubu Aichi
LOUIS, M. FRANCE	New chiral TADF compounds intensified with exciton-coupling and efficient circularly polarized OLEDs	NAIST KAWAI, Tsuyoshi Professor Graduate School of Science and Technology	Nov 18, 2019~ Nov 17, 2021	Kinki Nara
HAUSER, J. R. UNITED KINGDOM	Ligand-directed chemistry as a tool for studying NMDA receptors and their role in central nervous disorders	Kyoto University HAMACHI, Itaru Professor Graduate School of Engineering	Nov 1, 2019~ Oct 31, 2021	Kinki Kyoto
LEE, J. M. UNITED KINGDOM	Development of stimuli-responsive hydrogen-bonded organic frameworks	The University of Tokyo SATO, Hiroshi Lecturer	Sep 30, 2019~ Sep 29, 2021	Kanto Tokyo
STEPEK, I. A. UNITED KINGDOM	L-region APEX (annulative pi-extension) of polycyclic arenes	Nagoya University ITAMI, Kenichiro Professor Institute of Transformative Bio-Molecules	Nov 25, 2019~ Nov 24, 2021	Chubu Aichi
DATTA, S. INDIA	Creation and Application of Nanoscale Polycatenane	Chiba University YAGAI, Shiki Professor Graduate School of Engineering	Oct 1, 2019~ Sep 30, 2021	Kanto Chiba
GHOSH, S. INDIA	Development of [2.2]Paracyclophane based Crystalline Covalent Organic Frameworks	Kyoto University SEKI, Shuhei Professor Graduate School of Engineering	Apr 1, 2019~ Mar 31, 2021	Kinki Kyoto
GHOSH, S. INDIA	Quantitative analysis of rRNA folding triggered by specific molecular crowding in nucleolus	Konan University SUGIMOTO, Naoki Professor Frontier Institute for Biomolecular Engineering Research	Oct 1, 2019~ Sep 30, 2021	Kinki Hyogo

KARAD, S. N. INDIA	Development and applications of promising silylating agent with exquisite reactivity and stability	Kyoto University YORIMITSU, Hideki Professor Graduate School of Science	Sep 25, 2019~ Sep 24, 2021	Kinki Kyoto
KONINTI, R. INDIA	Controlling excited-state proton transfer dynamics using nanocavity engineering	Kyushu University ONDA, Ken Professor Faculty of Science	Sep 16, 2019~ Sep 15, 2021	Kyushu Fukuoka
KUMBHAR, V. S. INDIA	Design and Energy-Related Functions of Highly-Ordered Metal Chalcogenide Hybrids	Yamaguchi University NAKAYAMA, Masaharu Professor Graduate School of Sciences and Technology for Innovation	Nov 15, 2019~ Nov 14, 2021	Chugoku Yamaguchi
REJ, S. INDIA	Development of distal C-H bond functionalization and the strategy for late-stage functionalization	Osaka University CHATANI, Naoto Professor Graduate School of Engineering	Sep 1, 2019~ Aug 31, 2020	Kinki Osaka
SINGH, G. INDIA	Aqueous photon upconversion system based on 2D molecular assembly on graphene nanosheets	Kyushu University KIMIZUKA, Nobuo Professor Faculty of Engineering	Oct 28, 2019~ Oct 27, 2021	Kyushu Fukuoka
POURNAGHSHBAND ISFAHANI, A. IRAN	Magnetic separation of oxygen from air	Kyoto University SIVANIAH, Easan Professor Institute for Advanced Study, Institute for Integrated Cell-Material Sciences	Apr 1, 2019~ Mar 31, 2021	Kinki Kyoto
FIORANI, A. ITALY	Development of novel electrochemiluminescence systems using boron-doped diamond electrodes	Keio University EINAGA, Yasuaki Professor Faculty of Science and Technology	Oct 1, 2019~ Sep 30, 2021	Kanto Kanagawa
VILLANI, E. ITALY	Shaping Conducting Polymer Fibers by Means of Electrochemiluminescence Microscopy	Tokyo Institute of Technology INAGI, Shinsuke Associate Professor School of Materials and Chemical Technology	Oct 1, 2019~ Sep 30, 2021	Kanto Kanagawa
CHA, W. KOREA (REP. OF KOREA)	Photophysics and conductivity of TTF-annulated porphyrinoids with excited-state aromaticity reversal	Kyoto University SEKI, Shuhei Professor Graduate School of Engineering	Sep 10, 2019~ Sep 9, 2021	Kinki Kyoto

CHOI, H. KOREA (REP. OF KOREA)	Dynamic Control over Helical Self-Assembly of Boron-Containing pi-System and its Bio-Application	Nagoya University YAMAGUCHI, Shigehiro Professor Institute of Transformative Bio-Molecules (WPI-ITbM)	Apr 12, 2019~ Apr 11, 2021	Chubu Aichi
HEO, W. KOREA (REP. OF KOREA)	Investigating the structural conversion mechanism of DNA strands by new single molecule spectroscopy	RIKEN TAHARA, Tahei Chief Scientist Cluster for Pioneering Research	Nov 30, 2019~ Nov 29, 2021	Kanto Saitama
KHURELBAATAR, Z. MONGOLIA	Fabrication of Nano-structured photonic devices	Hokkaido University NISHII, Junji Professor Research Institute for Electronic Science	Apr 1, 2019~ Mar 31, 2021	Hokkaido Hokkaido
VEQUIZO, J. M. PHILIPPINES	Unraveling the Fundamental Processes in Semiconducting Materials for Highly Active Photocatalysts	Shinshu University DOMEN, Kazunari Special Contract Professor Center for Energy and Environmental Science	Apr 1, 2019~ Mar 31, 2021	Chubu Nagano
BUKHANKO, V. UKRAINE	Highly active heterogeneous photocatalysts on the basis of late-transition metals.	RIKEN YAMADA, Yoichi Team Leader RIKEN Center for Sustainable Resource Science	Jul 1, 2019~ Jun 30, 2021	Kanto Saitama