20th (FY2023) JSPS Prize recipients

NAME	AFFILIATION	RESEARCH TITLE
IIZUMI Toshichika	Principal Scientist, Institute for Agro-Environmental Sciences, National Agriculture and Food Research Organization	Assessing Climate Change Impacts and Adaptation in Global Agricultural Production
ITO Yoshikazu	Associate Professor, Faculty of Pure and Applied Sciences, Vice Director, R&D Center for Zero CO2 Emission with Functional Materials, University of Tsukuba	Creations of New Graphene Applications Using 3D Porous Graphene
IRIE Kei	Associate Professor, Research Institute for Mathematical Sciences, Kyoto University	Study on Contact Geometry, Symplectic Geometry and String Topology
OHTSUKI Hisashi	Associate Professor, Research Center for Integrative Evolutionary Science, The Graduate University for Advanced Studies, SOKENDAI	Theoretical Study on Evolutionary Origin of Human Sociality
OHMIYA Hirohisa	Professor, Institute for Chemical Research, Kyoto University	Development of Organocatalysis Induced by Single-Electron Transfer and its Application to Precise Control of Radical-Mediated Covalent-Bond Formation
ONODA Fuko	Project Assistant Professor, Graduate School of Humanity, Osaka University, Research Fellow, National Institutes for the Humanities, Center for Innovative Research	Research on Swahili Authors and on the Developmental History and Social Functions of Swahili Poetry
KATAOKA Keisuke	Professor, Keio University School of Medicine, Chief, Division of Molecular Oncology, National Cancer Center Research Institute	Elucidation of Molecular and Genetic Basis of Carcinogenesis through Advanced Genomic Approaches
KOHDA Makoto	Professor, School of Engineering, Tohoku University	Spin-orbit Interaction and Persistent Spin Helix State in Semiconductor Heterostructures
SAITO Kazuya	Professor, Institute of Education, University College London	Linguistic, Educational, and Neurocognitive Dimensions of Second Language Acquisition
SAKAI Tomoko	Associate Professor, Institute for Research in Humanities, Kyoto University	An Anthropological Study of Experiences and Memories of Conflict and Disaster: A Focus on Physical and Everyday Aspects
SHINTAKE Jun	Associate Professor, Graduate School of Informatics and Engineering, The University of Electro-Communications	Development of Soft Robotic Functional Materials
SERIZAWA Ai	Professor, Department of Materials Science and Engineering, Shibaura Institute of Technology	Super Eco-Friendly Steam-Derived Multifunctionalization of Aluminum Alloys
DANI Keshav	Professor, Femtosecond Spectroscopy Unit, Okinawa Institute of Science and Technology Graduate University	Imaging Optically Excited Phenomena in Real and Momentum Space
TANJI Haruka	Associate Professor, Institute for Laser Science, The University of Electro-Communications	Quantum Control of Atoms and Photons with an Optical Resonator
QI Yabing	Professor, Energy Materials and Surface Sciences Unit, Okinawa Institute of Science and Technology Graduate University	Surface Science Investigations on Perovskite Materials for Developing High Performance Solar-Cell Technologies
NAGAYA Naonori	Associate Professor, Graduate School of Humanities and Sociology, The University of Tokyo	Linguistic Typology of Austronesian Languages of the Philippines and Indonesia
NARITA Norio	Professor, Graduate School of Arts and Sciences, The University of Tokyo	Observational Studies and Instrument Development for Transiting Exoplanets
NISHIMOTO Shinji	Professor, Graduate School of Frontier Biosciences, Osaka University	Modeling and Decoding of Internal Representations in the Brain
NUMATA Keiji	Professor, Graduate School of Engineering, Kyoto University, Team Leader, Biomacromolecules Research Team, RIKEN Center for Sustainable Resource Science	Photosynthetic Organisms-Mediated Biosynthesis and Hierarchical Material Design of Structural Proteins
FUKAYA Hidenori	Assistant professor, School of Science, Osaka University	Investigation of Topology of Gauge Theory with Domain-Wall Fermion
FUJII Sota	Associate Professor, Graduate School of Agricultural and Life Sciences, The University of Tokyo	Studies on Molecular Mechanisms of Inter- and Intra-species Reproductive Barriers in Plants
MAEKAWA Takuya	Associate Professor, Graduate School of Information Science and Technology, Osaka University	Artificial Intelligence for Real World Recognition and its Application to Animal Behavior Analysis and Anomaly Detection
MASUDA Takahiro	Professor, Medical Institute of Bioregulation, Kyushu University	Multifaceted Research for Integrated Understanding of CNS Macrophages
YACHIE Nozomu	Professor, School of Biomedical Engineering, The University of British Columbia, Specially Appointed Professor, Premium Research Institute for Human Metaverse Medicine, Osaka University, Visiting Professor, Research Center for Advanced Science and Technology, The University of Tokyo	Development of Cell Lineage Tracing Technology by Genome Editing and Constructing an Informatics Platform
YAMASHITA Takuro	Professor, Osaka School of International Public Policy, Osaka University	Theory of Design of Economic Mechanisms and Information, and its Applications to Analyses of Auctions, Markets, and Organizations

Titles and affiliations current as of 1 December 2023