15th (FY2024) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of January, 2025)
IIDA-ADACHI Akane	Graduate School of Science and Engineering, Yamagata University	Aggregation mechanism of amyloid β in an open system mimicking interstitial fluid flow in brain	Japanese Only
ISHIDA Kai	Graduate School of Human Sciences, The University of Osaka	How sounds are heard as music: A predictive brain approach	https://researchmap.jp/music -brain-psycho23?lang=en
ICHIKAWA Shusuke	Graduate School of Literature, Aoyama Gakuin University	A Study on the Sato Eisaku Administration : Focusing on the Chief Cabinet Secretary and the Secretary-General of the Liberal Democratic Party	https://researchmap.jp/ichika wa_shusuke?lang=en
UENOYAMA Reiko	United Graduate School of Agricultural Sciences, Iwate University	Studies on the behavioral significance and expression mechanism of the characteristic response to silver vine in the domestic cat	https://www.reikouenoyama.c om/home
OKITA Hikari	Graduate School of Engineering, Nagoya University	Self-replication system using artificial nucleic acid derived from L-threonine for artificial life	https://researchmap.jp/Hikari Okita?lang=en https://www.chembio.nagoya- u.ac.jp/labhp/bioanal3/m_okit a-e.html
KITAMURA Taisei	Graduate School of Science, Kyoto University	Theoretical study of quantum condensed states based on quantum geometry	https://cond.scphys.kyoto- u.ac.jp/e_index.html
KUMAI Yusuke	Graduate School of Agricultural and Life Sciences, The University of Tokyo	Unraveling the mechanisms underlying the species composition determination and coexistence of anguillid eels in rivers	https://researchmap.jp/yusuk e_kumai?lang=en
KOBAYASHI Goro	Graduate School of Information Sciences, Tohoku University	Analysis of Transformer Language Models' Internal Mechanisms	https://sites.google.com/view/ goro-kobayashi/
SATO Yuriko	Graduate School of Engineering, Osaka University	Investigation of electromagnetic acceleration mechanisms in molten metal coexisting with plasma during arc welding	https://researchmap.jp/yuriko _sato?lang=en
SHIDA Natsumi	Graduate School of Asian and African Area Studies, Kyoto University	"Tradition" and Living Culture of Uzbek Herders Observed through Carpet/Rug Weaving	https://researchmap.jp/shida 723?lang=en
TAKADA Sakura	Graduate School of Science and Technology, Keio University	Elucidation of mechanism in spatiotemporal regulation in living cells by biophysical analysis using reconstitution systems in artificial cells	Japanese Only
TAGAMI Koto	Graduate School of Humanities and Sciences, Ochanomizu University	Development of data-driven photoradical reactions and asymmetric synthesis of fluorine-containing chiral amino acids	https://www.researchgate.net /profile/Koto-Tagami
TAKEDA Haruna	Graduate School of Medicine, Tohoku University	Novel metabolic axis governs macrophage inflammatory activation	https://researchmap.jp/harun a_takeda?lang=en
HAMACHI Tomoyuki	Graduate School of Engineering, Kyushu University	Quantum Hyperpolarization of Biomolecules by Photogenerated Triplets toward the Creation of Highly Sensitive NMR/MRI	https://sites.google.com/view/ nobuhiroyanai/
FUJI Saashia	Graduate School of Sciences and Technology for Innovation, Yamaguchi University	Elucidation of molecular mechanisms which provide a driving force for light-induced stomatal opening in plants	Japanese Only
FUJIO Chihiro	Graduate School of Engineering, Kyushu University	Establishment of Guidelines for Scramjet Optimal Design through Data- Driven/Model-Based Knowledge Discovery	https://researchmap.jp/chihir o_fujio?lang=en
HOSOYA Atsushi	Graduate School of Humanities, Gakushuin University	Study of the Practical Organization of the Early Modern Imperial Court : From Relations with the State and Society	Japanese Only
MAEDA Akari	Graduate School of Bioagricultural Sciences, Nagoya University	Molecular mechanism for the robustness of the plant circadian clock	Japanese Only
YOSHIMOTO Airi	Graduate School of Pharmaceutical Sciences, The University of Tokyo	Top-Down Brain Circuits for Operant Bradycardia	https://researchmap.jp/airiyos himoto?lang=en

14th (FY2023) JSPS *Ikushi* Prize recipients

NIANAT	,	PEOFABOLITIE	URL
NAME	AFFILIATION	RESEARCH TITLE	(as of January, 2024)
ITAO Kenji	Graduate School of Arts and Sciences, The University of Tokyo	A study of the diverse structures of human societies and the universal mechanism for their evolution, based on the evolutionary theory, statistical physics, and ethnographic data analysis.	https://sites.google.com/view/ kenjiitao
ITO Emi	Graduate School of Medicine, Osaka University	Deciphering the role of host-derived metabolites in the development of innate-type T cells	https://molimm.biken.osaka- u.ac.jp
OKUI Haruka	Graduate School of Science, the University of Tokyo	A Study on Roles of Gravity Waves in Middle Atmospheric Teleconnections Using a High-resolution General Circulation Model	https://www-aos.eps.s.u- tokyo.ac.jp/~okui/index_E.ht ml
KIYAMA Hana	Graduate School of Science, Osaka City University	Mechanism and Origin for Swimming Motility of Helical Bacteria Clarified by Reconstruction in a Minimal Bacterium	https://www.sci.osaka- cu.ac.jp/~miyata/
KIRINO Haru	School of Agriculture, Meiji University	The mechanism of pine wilt disease, unveiled from triadic relationship among Bursaphelenchus xylophilus,host pine trees,and vector cerambycid beetles.	(Japanese Only)
KOBAYASHI Hirozumi	Graduate School of Engineering and Science, University of the Ryukyus	Evolutionary Mechanisms in Cavernicolous Species of Amphidromous Fish	https://researchmap.jp/hirozu mikobayashi
KONNO Naoki	Graduate School of Science, The University of Tokyo	Bioinformatics for revealing the past and predicting the future of evolution	https://sites.google.com/view/ naoki-konno/
SHIBA Shintaro	Faculty of Science and Technology, Keio University	Motion Estimation using an Event Camera and its Applications	http://shibashintaro.com/
SHIMIZU Yuho	Graduate School of Humanities and Sociology, The University of Tokyo	Reducing negative attitudes toward older adults: Focus on the fact that "Everyone will one day become older"	https://researchmap.jp/shimiz u_yuho?lang=en
SENJO Hajime	Graduate School of Medicine, Hokkaido University	Calcineurin inhibitors inhibit tolerance induction by suppressing terminal differentiation of donor exhausted T cells after allogeneic stem cell transplantation	Japanese only
TAKADA Shingo	Graduate School of Engineering, The University of Tokyo	Highly efficient spin-charge conversion at a single-crystal-oxide interface for next-generation spintronics devices	https://researchmap.jp/shing o-kaneta-takada?lang=en
TSUJI Yurika	Graduate School of Humanities and Sciences, Ochanomizu University	Autistic traits and difficulties of speech perception	https://researchmap.jp/yurika tsuji?lang=en
NOGAMI Juntaro	School of Materials and Chemical Technology, Tokyo Institute of Technology	Synthesis and properties of unexplored aromatic macrocycles with diverse chiralities	https://researchmap.jp/jnoga mi?lang=en http://www.ktanaka- cap.mac.titech.ac.jp/index- e.html
HASHIDA Hiroaki	Graduate School of Information Sciences, Tohoku University	Programmable Radio Propagation Control in Intelligent Reflecting Surface-supported Future Wireless Communication Systems	https://researchmap.jp/hashi da_hiroaki?lang=en
HITSUWARI Jimpei	Graduate School of Education, Kyoto University	Psychological, neural, and physiological mechanisms of the effects of haiku ambiguity on aesthetics	https://www.researchgate.net /profile/Jimpei-Hitsuwari
YAGI Tosuke	Graduate School of Core Ethics and Frontier Sciences, Ritsumeikan University	Anthropological Study on the Development of Slum Tourism in Africa	Japanese Only
YAMAGISHI Jumpei	Graduate School of Arts and Sciences, The University of Tokyo	Physics and economics for metabolic responses and stability of cells and microbial ecosystems	https://jfyamagishi.github.io/i ndex.html
YOSHIJI Satoshi	Graduate School of Medicine, Kyoto University	Proteogenomic analysis of circulating protein mediators linking obesity with COVID-19 severity	https://researchmap.jp/satos hi_yoshiji?lang=en

13th (FY2022) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of January, 2023)
ABE Yoshiaki	Graduate School of Comprehensive Human Sciences, University of Tsukuba	Construction of single-cell atlas of non-hematopoietic cells in human lymph nodes and lymphoma for dissecting stromal remodeling	http://www.ketsunai.com/english/
OHSAKI Haruna	United Graduate School of Agricultural Sciences, Iwate University	Mechanisms of plant-plant interactions and their effects on herbivores	https://mric3706hrn.wixsite.co m/website
OTA Elena	Graduate School of Letters, Waseda University	Eschatology in Middle Byzantine Art: Considering the Provisional and Last Judgement	(Japanese Only)
KITAZAWA Munehiro	Graduate School of Agriculture, Hokkaido University	Broad-scale and long-term assessment of bird diversity in agricultural landscapes: Focusing on farmland expansion and	Japanese Only
KUROYANAGI Chiaki	Graduate School of Arts and Sciences, The University of Tokyo	The Russian Ecclesiastical Mission in Beijing: A History of the 18–19th Century Sino-Russian Relations from the Perspective of Contacts	https://researchmap.jp/Hyaci nth?lang=en
KOIKE Taichi	Graduate School of Science, Tohoku University	Development of Unexplored Molecular Systems Based on Silicon	https://researchmap.jp/taichi. koike
KOKUBO Masatoshi	Graduate School of Law, Keio University	Cognitive liberty: Constitutional law and Neuroscience	https://researchmap.jp/masat oshi_kokubo?lang=en
SAKAMOTO Takahiro	School of Advanced Sciences, The Graduate University for Advanced Studies (SOKENDAI)	Theoretical population genetics of natural selection	https://sites.google.com/view/innanlab
TAKAKUWA Masahito	Waseda University Graduate School of Creative Science and Engineering	Developing the flexible conductive bonding of gold electrode method for ultra-flexible electronics integration. I have tried surface	http://rikensomeya.riken.jp/http://www.umeshin.mmech.waseda.ac.jp/
TANIGUCHI Daisuke	Graduate School of Science, The University of Tokyo	Research on red supergiants: time variability, evolutionary track, and application to studies on the Milky Way	https://d-taniguchi- astro.github.io/homepage/ind ex_en.html
Tanomura Ryota	Graduate School of Enginnering, The University of Tokyo	Robust and Scalable Optical communication and computation system based on multi-plane light conversion	https://sites.google.com/view/ ryota- tanomura/home?authuser=0
TOMOFUJI Yoshihiko	Graduate School of Medicine, Osaka University	Development of novel methods for metagenome shotgun sequencing analysis and elucidation of the gut microbial features associated with	https://sites.google.com/view/ yoshihiko-tomofuji
NAKAZATO Issei	Graduate School of Agricultural and Life Sciences, The Univesity of Tokyo	Targeted base editing in the plant organelle genome	https://researchmap.jp/IsseiN akazato (Japanese Only)
NANASHIMA Mikito	School of Computing, Tokyo Institute of Technology	Computational Learning and Its Relationships to Computational Complexity and Cryptography	https://nanashima.github.io
HOSHI Ikuo	Graduate School of Science and Engineering, Chiba University	Study of new imaging system for Internet of Things	https://researchmap.jp/aeka2 345?lang=en
MUGURUMA Kaede	Graduate School of Letters, Osaka University	View of Human Body in Ancient China: On the Basis of Reading Bamboo and Silk Manuscripts	(Japanese Only)
Yasumizu Yoshiaki	Graduate School of Medicine, Osaka University	Comprehensive characterization of autoimmune diseases centered on regulatory T cells and drug discovery	https://researchmap.jp/yyasu mizu?lang=en
YAMAGUCHI Sonomi	Graduate School of Science, The University of Tokyo	Structural and functional analyses of RNA silencing factors	http://www.nurekilab.net/

Affiliations current as of 1 May 2022

12th (FY2021) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of January, 2022)
OHKUBO Yuri	Graduate School of Science, Nagoya University	Signaling pathways regulating systemic nitrogen uptake in plants	https://www.bio.nagoya- u.ac.jp/~b2/research4.html
KANAMORI Mariko	Graduate School of Medicine, The University of Tokyo	Identifying the social determinants of suicide in rural areas and developing a community empowerment model for suicide prevention	http://mariko- kanamori.moo.jp/en/
KANEKO Naotsugu	Graduate School of Arts and Sciences, The University of Tokyo	Elucidation of neural activity during action observation and motor imagery of walking for the development of new gait rehabilitation	https://scholar.google.com/cit ations?hl=ja&user=P8t6cvwA AAAJ
KAWABATA Kohei	Graduate School of Science, The University of Tokyo	Symmetry and Topology of Open Systems	https://scholar.google.com/cit ations?user=4wSk2vIAAAAJ& hl=en
KOMATSU Mizuka	Graduate School of System Informatics, Kobe University	Parameter Variety: Differential Algebraic Approach to Unidentifiable Models and Its Applications	http://www.na.scitec.kobe- u.ac.jp/~m- komatsu/index_en.html
SATO Yoshiki	Graduate School of Engineering, Tohoku University	Single crystal growth and novel physical properties of intermetallic compounds with characteristic crystal structures	http://actinide.imr.tohoku.ac.jp /styled-2/index.html
ZHANG Youyuan	Graduate School of Science, The University of Tokyo	Theoretical studies on photo- excitation processes of molecular ions generated in intense laser fields	http://www.yamanouchi- lab.org/e/index.html
SUGANUMA Kiichi	Graduate School of Music, Tokyo University of the Arts	A Study of Girolamo dalla Casa's Diminution Technique: Counterpoint, Notation, and its Performance	Japanese Only
THAM Yukari Jessica	Graduate School of Humanities and Sociology at the University of Tokyo	Achieving fairness in the volunteer's dilemma	https://yukarijessica.me/en/
TATEUCHI Kai	Graduate School of Arts and Letters, Tohoku University	The Archaeological Study of Interregional Interaction and Cultural Changes in the Period of Transition from the Ancient Japan to the Medieval Japan	https://researchmap.jp/k_tateu chi?lang=en
NAGAE Mayuko	Graduate School of Bioagricultural Sciences, Nagoya University	Elucidation of brain mechanisms regulating follicular development in mammals	https://orcid.org/0000-0002- 5065-2344
NAGAKAWA Haruki	Graduate School of Engineering, Tokyo University of Science	Efficient hydrogen production using anti photo-corrosive composite photocatalyst under sunlight	http://hydrogencat.wp.xdomai n.jp
NAKANISHI Tomoko	Graduate School of Medicine, Kyoto University	Genetic determinants of respiratory diseases and their clinical implications	http://tomoconaka.github.io
NOJIRI Taro	Graduate School of Agricultural and Life Sciences, The University of Tokyo	Uncovering evolutionary origins of echolocation in bats with special reference to organogenesis of ultrasound-related apparatus	http://www.taro- nojiri12.webnode.com
FUJII Yasuyuki	Graduate School of Engineering and Science, Shibaura Institute of Technology	Relationship between food sensation and food function: elucidation of the cognitive improvement by astringent	Japanese only
FUJITA Kyohhei	Graduate School of Medicine, The University of Tokyo	Identification and utilization of α-mannosidase 2C1 as a biomarker enzyme for rapid and clinical fluorescence imaging of breast tumors	https://kfujita.amebaownd.co m/
MORI Shunsuke	Graduate School of Engineering, Tohoku University	Polymorphic transformation in MnTe films and its application for non-volatile memory	https://researchmap.jp/Shuns uke_Mori
YASUDA Masaru	Graduate School of Humanities and Human Sciences, Hokkaido University	Cicero's Political Philosophy and Its Epistemological Foundation	

11th (FY2020) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of January, 2021)
IZAWA Shuntaro	Graduate School of Medicine, Nagoya University	Hypothalamic MCH neurons contribute to forgetting during REM sleep	https://orcid.org/0000-0002- 9552-6800
ISHIKAWA Mitsuhiko	Graduate School of Letters, The University of Kyoto	Examining the physiological mechanism of gaze following in infants	https://www.researchgate.net /profile/Mitsuhiko_Ishikawa
OKA Kouki	Faculty of Science and Engineering, Waseda University	Development of Redox Polymers for Hydrogen Storage and New Functions	https://www.researchgate.net /profile/Kouki_Oka
OGISO Tomoko	Graduate School of Humanities and Social Sciences, University of Tsukuba	Inference Generation Processes During Japanese EFL Reading: Text Cohesion and Learners' Individual Factors	(Japanese Only) http://www.u.tsukuba.ac.jp/~u shiro.yuji.gn/
OKUDE Genta	Graduate School of Science, The University of Tokyo	Molecular mechanisms of metamorphosis and coloration in dragonflies	https://sites.google.com/view/ gentaokude/english
KADOWAKI Mariko	Graduate School of Engineering, Tohoku University	Development of a Micro/Nano- Scale Electrochemical System and High Corrosion-Resistant Steels	https://orcid.org/0000-0002- 8988-3545
KURODA Kiri	Graduate School of Humanities and Sociology, The University of Tokyo	Cognitive basis underlying social- information processing under speed-accuracy tradeoff	https://kirikuroda.github.io/en/
SAITO Hayate	Graduate School of Science, Kyoto University	Development of Innovative Skeletal Transformations of Heteroaromatic Cores	(Japanese Only) http://kuchem.kyoto- u.ac.jp/orgchem/yorimitsu_la b/members.html
SAITO Yuki	Graduate School of Medicine, Keio University	Landscape and function of multiple mutations within individual oncogenes	https://www.ncc.go.jp/en/ri/di vision/molecular_oncology/in dex.html
SASATANI Takuya	Graduate School of Information Science and Technology, The University of Tokyo	Ubiquitous wireless power transfer for covering living spaces	https://www.takuyasasatani.com/
SHIMADA Hideki	Graduate School of Agriculture, Kyoto University	Experimental and Applied Microeconometric Approaches to Policy Design with Social Interactions	https://sites.google.com/view/ hideki-shimada/home
TAKAHASHI Tohru	Graduate School of Comprehensive Human Sciences, University of Tsukuba	Identification of a neuronal circuit that induces hibernation-like hypometabolic state in mice	http://sakurai- lab.com/index.php
TABATA Eri	Graduate School of Applied Chemistry and Chemical Engineering, Kogakuin University	Functional properties and feeding behaviors of acidic chitinase (Chia) in mammals and poultry	https://researchmap.jp/e_tab ata_3?lang=en
TSUJI Daichi	Graduate School of Humanities, Kyushu University	The Formation of "Homosexuality" Concept in Medieval Islamic Society	https://researchmap.jp/tsujida ichi/?lang=en
FUJII Shun	Graduate School of Science and Technology, Keio University	Dispersion engineering of high-Q optical microresonators for frequency comb generation	https://www.phot.elec.keio.ac .jp/en/
MURATA Hiromasa	Graduate School of Pure and Applied Sciences, University of Tsukuba	Layer exchange synthesis of multilayer graphene for thin film rechargeable battery	(Japanese Only) http://www.bk.tsukuba.ac.jp/~ ecology/index.html
MORIKAWA Okuto	Graduate School of Science, Kyushu University	Non-pertubative approaches to quantum field theory and superstring theory	https://researchmap.jp/o- morikawa?lang=en
YAMAMORI Luna	Graduate School of Human and Environmental Studies, Kyoto University	Mechanism of diversification accelerated by symbiosis on rocky shore	(Japanese Only) https://hanazara87.wixsite.co m/lunayamamori

10th (FY2019) JSPS Ikushi Prize recipients

raduate School of Agricultural and fe Sciences, The University of okyo raduate School of Engineering, saka Prefecture University raduate School of Science, Kyoto niversity	cap-specific m6A methyltransferase Three-dimensional analysis of plant functions using image processing and deep learning Optimization of Composite Electrodes in All-Solid-State Batteries Based on Reaction	(as of July, 2020) http://rna.chem.t.u- tokyo.ac.jp/en/index.html https://researchmap.jp/Kenta_It akura/?lang=en http://www2.chem.osakafu- u.ac.jp/ohka/ohka2/english/inde x.html
fe Sciences, The University of okyo raduate School of Engineering, saka Prefecture University raduate School of Science, Kyoto niversity	using image processing and deep learning Optimization of Composite Electrodes in All- Solid-State Batteries Based on Reaction Analyses Studies in Accretion Physics through Multi- Wavelength Observations, Numerical Simulations, and Modern Statistics ~ How do	akura/?lang=en http://www2.chem.osakafu- u.ac.jp/ohka/ohka2/english/inde
raduate School of Engineering, saka Prefecture University raduate School of Science, Kyoto niversity	Solid-State Batteries Based on Reaction Analyses Studies in Accretion Physics through Multi- Wavelength Observations, Numerical Simulations, and Modern Statistics ~ How do	u.ac.jp/ohka/ohka2/english/inde
raduate School of Science, Kyoto niversity	Wavelength Observations, Numerical Simulations, and Modern Statistics ∼ How do	
madicata Calcastat C	~	http://www.kusastro.kyoto- u.ac.jp/index.html
	Topological phenomena in nonequilibrium quantum many-body systems	https://sites.google.com/site/zon gpinggong/
overnance, Keio University	Local Techniques and Knowledge on Building and City, and Their Transformation since the 19th Century, in Mekelle and its Surrounds, Tigray Region, Ethiopia	https://researchmap.jp/nobu_shi mizu/?lang=en
INTAGNITO SCIANCAG	AAI HEINA ANVIMANMANTAI LINIA ANAIVEIE	(Japanese Only) https://research- er.jp/researchers/view/830052
raduate School of Intercultural tudies, Kobe University	*	(Japanese Only) https://sites.google.com/site/zha ngjingxinkobe1227/purofiru
raduate School of Economics, agoya University	industrial agglomeration and productivity	(Japanese Only) https://research- er.jp/researchers/view/860966
frican Area Studies, Kyoto	Experience of Illness in Contemporary Nepal:	(Japanese Only) https://research- er.jp/researchers/view/829637
raduate School of Education,	physiological and genetical mechanisms of	https://researchmap.jp/hiraoka/ ?lang=en
ngineering, Tokyo University of	•	https://www.rs.kagu.tus.ac.jp/~y amamoto/index.html
radilate School of Life Sciences - I	Elucidation of growth process in photosynthetically light-harvesting antenna "chlorosome" with dye assemblies	http://www.ritsumei.ac.jp/se/rc/s taff/tamiaki/lab-en.htm
he University of Tokyo	Statistical inference with epidemiological and microbial datasets for spread of infectious diseases via hidden cases	https://researchmap.jp/fmiura/?lang=en
naineerina i iniversity of Flectro- i	•	http://www.ils.uec.ac.jp/~yoned a_lab/English/e-members.html
raduate School of Natural Science,	on oxygen and natural variation of cold	http://kuharan.com/member_en. html
CIANCAS OF IVIATIAL HILOSOIMA I	•	https://researchmap.jp/yuyaman e/?lang=en
	neural mechanisms of motivated hehavior	(Japanese Only) https://research- er.jp/researchers/view/829623
rao raioih rau raoi raoi raoi raoi raoi raoi raoi raoi	aduate School of Media and vernance, Keio University aduate School of resource Sciences, on University aduate School of Intercultural dies, Kobe University aduate School of Economics, goya University aduate School of Asian and foan Area Studies, Kyoto versity aduate School of Education, oto University aduate School of Mechanical gineering, Tokyo University of ence aduate School of Engineering, aduate School of Engineering, aduate School of Informatics and gineering, University of Electrommunications aduate School of Natural Science, nan University aduate School of Natural Science, nan University aduate School of Advanced ences of Matter, Hiroshima versity aduate School of Medicine, Keio	Aduate School of Economics, poya University aduate School of Education, pot University of ence aduate School of Machanical gineering, Tokyo University of ence aduate School of Life Sciences, sumeikan University aduate School of Life Sciences, sumeikan University of Elucidation of growth process in photosynthetically light-harvesting antenna "chlorosome" with dye assemblies Statistical inference with epidemiological and microbial datasets for spread of infectious diseases via hidden cases aduate School of Natural Science, pan University of Electromemunications Assembly of Machanical gineering, University of Electromemunications Assembly of Tokyo aduate School of Informatics and gineering, University of Electromemunications Assembly of Tokyo aduate School of Natural Science, pan University of Electromemunications Assembly of Tokyo aduate School of Natural Science, pan University of Electromemunications Assembly of Tokyo aduate School of Natural Science, pan University of Electromemunications Assembly of Tokyo aduate School of Machanical gineering, University of Electromemunications Assembly of Tokyo aduate School of Natural Science, pan University of Electromemunications Assembly of Tokyo aduate School of Machanical gineering, University of Electromemunications Assembly of Tokyo aduate School of Natural Science, pan University of Electromemunications Assembly of Tokyo Assem

9th (FY2018) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of July, 2020)
ASHIDA Yuto	School of Science, The University of Tokyo	Criticality, Dynamics and Entanglement in Quantum Systems Coupled to Environment	https://researchmap.jp/yutoashida/?lang=english
UEYOSHI Kodai	Graduate School of Information Science and Technology, Hokkaido University	Versatile Computer Architectures Accelerating Deep Learning Systems.	https://researchmap.jp/kod_u/? lang=english
OSAWA Yukiko	Graduate School of Science and Technology, Keio University	Integrated Design of Interface and Control Design for Realization of Remote Interactions	https://researchmap.jp/yukikos awa/?lang=en
KAWAMURA Yuta	Graduate School of Education, Kyoto University	The promotion and prevention factor of altruistic behavior: the effect of reputational concern	https://researchmap.jp/yutak/?l ang=en
KIMATA Yusuke	Graduate School of Science, Nagoya University	Analysis of the plant apical-basal axis formation by the asymmetric division of the zygote	https://researchmap.jp/y_kimat a/?lang=en
SHIRAKATA Hikari	Graduate School of Science, Hokkaido University	Theoretical studies about the co-evolution between galaxies and supermassive black holes	https://astro3.sci.hokudai.ac.jp/ ~shirakata/index.html
TSUBOYAMA Kotaro	Graduate School of Frontier Sciences, The University of Tokyo	Single-molecule analysis of conformational changes in Argonaute	https://researchmap.jp/ktsuboy ama/?lang=english
TOBITA Takashige	Graduate School of Medicine, Tokyo Women's Medical University	Genetic analysis and development of novel therapeutic methods for dilated cardiomyopathy	(Japanese Only) https://research- er.jp/researchers/view/792359
NAKAGAWA Tomomi	Graduate School of Humanities and Social Sciences, Okayama University	The cultural background of violence from the prehistory to the state formation period in Japan	(Japanese Only) https://research- er.jp/researchers/view/829524
NAKAJIMA Yukari	Graduate School of Medical Sciences, Kanazawa University	The basic research in order to observe lymphatic vessels and elucidate the process of inflammation and fibrosis in the chronic Lymphedema.	https://researchmap.jp/yu_nak a/?lang=english
HAGIO Hanako	Graduate School of Bioagricultural Sciences, Nagoya University	Studies on the central visual system of fish - How do fish look at the world? -	https://researchmap.jp/hana- brain/?lang=english
MATSUI Hiroshi	Graduate School of Human Relations, Keio University	Comparative analysis on sensory-motor and morphological basis of tool-use in crows.	https://researchmap.jp/heathro ssie/?lang=english
MURAOKA Koki	School of Engineering, The University of Tokyo	Computer-aided synthesis of zeolites	(Japanese Only) https://research- er.jp/researchers/view/742139
MURAKAMI Tatsuya	Graduate School of Medicine, The University of Tokyo	Single-cell-resolution brain atlas for whole- brain analysis of cells	(Japanese Only) http://sys-pharm.m.u- tokyo.ac.jp/member.html
MURATA Kayo	Graduate School of Music, Tokyo University of the Arts	The Development of Johann Sebastian Bach's Contrapuntal Technique up to the Cö then Period	(Japanese Only) https://research- er.jp/researchers/view/732039
MURATA Yuki	Graduate School of Humanities and Sociology, The University of Tokyo	The Emergence of the "One-nation-one-state" System in East-Central Europe, 1917-1922	https://researchmap.jp/yuki_m urata/?lang=english
YASUDA Kenji	School of Engineering, The University of Tokyo	Development of Spin Physics in Magnetic Topological Insulators	(Japanese Only) https://sites.google.com/view/k enji-yasuda-jp/
WATANABE Kanako	Graduate School of Engineering, Tohoku University	Control over the spatial distribution of particles via applying external stimuli	https://researchmap.jp/kanako _watanabe/?lang=english

8th (FY2017) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of July, 2020)
OKAZAKI Yusuke	Graduate School of Science, Kyoto University	Diversity and Ecology of bacterioplankton inhabiting deep freshwater lakes	https://researchmap.jp/yokazak i/?lang=english
ONODA Atsuto	Graduate School of Pharmaceutical Sciences, Tokyo University of Science	Mechanisms and effects of maternal exposure to ultrafine particle on the central nervous system of offspring	https://researchmap.jp/_atsuto- onoda/?lang=english
KARIYAZONO Shiho	School of Advanced Sciences, The Graduate University for Advanced Studies	The genetic basis and the biological role of fluorescent proteins in Acropora species	(Japanese Only) https://www.soken.ac.jp/pr/awa rd_achievement/people/
KUMAGAI Kota	Graduate School of Engineering, Utsunomiya University	Volumetric display with holographic laser drawing	(Japanese Only) https://8card.net/p/396392844 71
KUROKI Nahoko	Graduate School of Humanities and Sciences, Ochanomizu University	Theoretical design of functional liquid mixtures by means of physicochemical simulations and machine learning	https://researchmap.jp/700002 1808/?lang=english
SAITO Yu	Graduate School of Engineering, The University of Tokyo	Quantum Transport in Highly Crystalline Two- dimensional Superconductors	https://researchmap.jp/yu_sait o_1110/?lang=english
NAKAMURO Takayuki	Graduate School of Engineering, Kyoto University	Development of Novel Synthetic Transformation Reactions with N2 Extrusion	https://researchmap.jp/nakamu ro/?lang=english
NAMBA Miki	Graduate School of Social Sciences, Hitotsubashi University	Anthropological Study on Urbanization and Infrastructural Development in Vientiane Capital, Lao P.D.R.	https://researchmap.jp/miki_na mba/?lang=en
HASHIMOTO Kazuma	School of Engineering, The University of Tokyo	Obtaining Mathematical Representations for Natural Language Semantics Using Deep Learning	(Japanese Only) https://research- er.jp/researchers/view/790596
HATAZAWA Yukino	Graduate School of Life and Environmental Sciences, Kyoto University	Elucidation of molecular mechanism of skeletal muscle metabolism, focusing on exercise and atrophy	(Japanese Only) https://research- er.jp/researchers/view/733491
MAEDA Shunta	Graduate School of Human Sciences, Waseda University	Influence of cognitive information processing on cortisol recovery in social anxiety	https://researchmap.jp/maeda_ s/?lang=english
MATSUDA Ayaka	Graduate School of Fisheries Sciences, Hokkaido University	Diet study about small toothed whales around Japan	https://researchmap.jp/kogia- b/?lang=english
MIURA Tatsuya	Graduate School of Mathematical Sciences, The University of Tokyo	Analysis on effects of bending, adhesion and tension energy to shapes	https://researchmap.jp/tatsu yamiura/?lang=english
MIZUMOTO Nobuaki	Graduate School of Agriculture, Kyoto University	Studies on the pattern formation algorithm of searching and construction behaviors	https://researchmap.jp/nobuaki-mzmt/?lang=english
Michelle Sue Jann Lee	Graduate School of Frontier Biosciences, Osaka University	Malarial parasite products cause chronic inflammatory bone loss	https://researchmap.jp/michell e-sj-lee?lang=en
MURATE Kosuke	Graduate School of Engineering, Nagoya University	Development of injection-seeded Terahertz- wave Parametric Generator and Applications	https://researchmap.jp/mura k/?lang=english
MENG Xianwei	Graduate School of Human- Environment Studies, Kyushu University	Early Development of Communication Based on the Understanding of the Environmental Information and the Epistemic States of Others: An Empirical Study on Human Infants	(Japanese Only) https://pikachu1211.wixsite.c om/xianwei-meng
WATANABE Saori	Graduate School of Sociology, Meiji Gakuin University	Historical Analysis of Rare Diseases Policy in Japan: Public expenditure medical care by diseases-category-based model	https://researchmap.jp/saori _wata/?lang=english

7th (FY2016) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of July, 2020)
ARAZOE Hiroki	Graduate School of Engineering, The University of Tokyo	Novel applications of highly oriented graphitic carbon nitride	(Japanese Only) http://www.chembio.t.u- tokyo.ac.jp/graduate/phd.html
ITO Ami	Graduate School of Science, Nagoya University	Mechanism of mitotic spindle pole focusing	(Japanese Only) https://research- er.jp/researchers/view/734301
OGAWA (MITSUNOBU) Yukiko	Graduate School of Engineering, Tohoku University	Development of super-magnesium alloy through novel microstructure control	https://nrid.nii.ac.jp/en/nrid/100 0070814268/
KISHI Keiichi	Graduate School of Economics, Osaka University	Dynamic analysis of wage inequality and patent policy in R&D-based growth models	https://researchmap.jp/700002 2568/?lang=english
KITAMURA Daichi	School of Multidisciplinary Sciences, The Graduate University for Advanced Studies	Multichannel blind music source separation based on nonnegative matrix factor source model	https://researchmap.jp/d- kitamura/?lang=english
KINOSHITA Yoshiaki	Graduate School of Science, Gakushuin University	Construction of bases for observing the swimming motility in archaea	https://researchmap.jp/Kinosita /?lang=english
KUBOTA Shimpei	Graduate School of Medicins, The University of Tokyo	Whole-body/organ pathology of diseases caused by minority of cells with proliferative and stochastic processes	https://researchmap.jp/kubotas himpei/?lang=english
GUNJI Megu	Graduate School of Agricultural and Life Sciences, The University of Tokyo	Evolution of musculoskeletal structure of neck in artiodactyls associated with neck elongation and its genetic background	(Japanese Only) https://megugunji.wixsite.com/ giraffesneck
KOYAMA Yuki	Graduate School of Information Science and Technology, The University of Tokyo	Development of Novel Frameworks for Computational Design Facilitation	https://koyama.xyz/index.html
SAVAGE Patrick E.	Graduate School of Music, Tokyo University of the Arts	Measuring the cultural evolution of music : With case studies of British-American and Japanese folk, art, and popular music	https://researchmap.jp/700002 4170/?lang=english
SHIHOYA Wataru	Graduate School of Pharmaceutical Sciences, Nagoya University	Crystal structures of the human endothelin type B receptor in complex with endogenous agonist endothelin-1 and clinical drugs	https://researchmap.jp/wtrshh9 /?lang=english
FUKADA Fumi	Graduate School of Life and Environmental Science, Kyoto Prefectural University	Studies on the molecular mechanisms of cell cycle and plant infection in the plant pathogenic fungi	(Japanese Only) https://research- er.jp/researchers/view/715353
HORI Satoshi	Interdisciplinary Graduate School of Science and Engineering, Tokyo Institute of Technology	Materials developments of superionic conductors for next-generation energy-storage devices	(Japanese Only) https://research- er.jp/researchers/view/743653
MASUDA Kento	Graduate School of Science, The University of Tokyo	Exploring the Architecture of Transiting Exoplanetary Systems with High-Precision Photometry	https://researchmap.jp/kemasu da?lang=en
MURAI Yuki	Graduate School of Arts and Sciences, The University of Tokyo	Neural mechanisms of perceptual stability in space and time	https://researchmap.jp/ymurai/ ?lang=english
MOCHIDA Keisuke	Graduate School of Bioscience and Biotechnology, Tokyo Institute of Technology	Molecular basis and physiological roles of autophagic degradation of the nucleus and the endoplasmic reticulum	https://nrid.nii.ac.jp/en/nrid/100 0040837176/
MORITA Madoka	Graduate School of Humanities and Sociology, The University of Tokyo	Between "Community Peace"and Public Order: Neighborhoods and Urban Administration in Istanbul(1730-54)	https://researchmap.jp/madoka _morita/?lang=en

6th (FY2015) JSPS *Ikushi* Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of July, 2020)
ARAI Takayuki	Graduate School of Arts and Letters, Meiji University	Study of the Management and Operation in Chinese Imperial Kilns after the Song Dynasty	(Japanese Only) https://research- er.jp/researchers/view/732765
ITO Minako	Graduate School of Medicine, Keio University	Identify the Regulator of Inflammasomes and Clarify Its Contribution to Post-ischemic Inflammation	https://researchmap.jp/ito/?lang=english
INOUE Takuya	Graduate School of Engineering, Kyoto University	High-efficient High-speed Thermal Emitters via Control of both Electronic and Photonic States	https://researchmap.jp/inoue92 8/?lang=english
UESAKI Maiko	Graduate School of Letters, Kyoto University	Neuronal Mechanisms Underlying Visually- Induced Sensation of Self-Motion- Investigation into Connectivity amongst Cortical Sensory Regions	(Japanese Only) https://research- er.jp/researchers/view/465319
WU Yang	Graduate School of Humanities and Social Sciences, Okayama University	A Descriptive Study of the Verbs Expressing State, Existence, Property and Relation	(Japanese Only) https://research- er.jp/researchers/view/744073
SATO Yasuhiro	Graduate School of Science, Kyoto University	Associational Anti-herbivore Defense in the Trichome Dimorphism of Arabidopsis halleri subsp. gemmifera	https://researchmap.jp/yassatoj pn/?lang=english
SHOJIKI Kanako	Graduate School of Engineering, Tohoku University	Metalorganic Vapor Phase Epitaxial Growth of -c- plane InGaN Alloys and its Optical Device Applications	https://researchmap.jp/kanako _shojiki/?lang=en
SUZUKI Junji	Graduate School of Medicine, The University of Tokyo	Imaging of Intraorganellar Ca2+ at Subcellular Resolution Using CEPIA	(Japanese Only) https://research- er.jp/researchers/view/793175
TAKEKAWA Norihiro	Graduate School of Science, Nagoya University	Studies on the Stator-rotor Interaction and the Rotational Energy Conversion of the Bacterial Flagellar Motor	https://researchmap.jp/takeka wan/?lang=english
TANAKA Koji	School of Engineering, The University of Tokyo	Mechanism of Self-assembly of a Transmembrane Protein Triggered by Specific Membrane Composition and Dynamics	(Japanese Only) https://research- er.jp/researchers/view/714516
NEGISHI Yota	Graduate School of Law, Waseda University	The Control of Conventionality of Domestic Law:Constitutionalization of International Adjudication and Internationalization of Constitutional Adjudication in Implementation of Regional Human Rights Treaty	(Japanese Only) https://nrid.nii.ac.jp/ja/nrid/1000 050815983/
HIRAYAMA Ryuji	Graduate School of Engineering, Chiba University	Optically Controlled Volumetric Display Achieving Ultra-High-Definition	(Japanese Only) https://research- er.jp/researchers/view/732143
FUJIWARA Kazumasa	Graduate School of Advanced Science and Engineering, Waseda University	Mathematical Foundations of Semirelativistic Nonlinear Fields	(Japanese Only) https://research- er.jp/researchers/view/714495
MUTO Kei	Graduate School of Science, Nagoya University	Development of New Coupling Reactions by C-H, C-O, and C-C Bond Cleavage	https://researchmap.jp/700001 7499/?lang=english
YAMAMOTO Eiji	Graduate School of Science and Technology, Keio University	Investigation of Anomalous Dynamics of Water Molecules on Cell Membranes by Using Molecular Dynamics Simulations	(Japanese Only) https://research- er.jp/researchers/view/825983
YOKOSHI Moe	Graduate School of Medicine, Osaka University	Elucidation of the Physiological Role of Ataxin-2, a Neurodegeneration-associated Protein in RNA Metabolism	https://researchmap.jp/MOE- 57/?lang=english
RYAN Joseph	Graduate School of Letters, Osaka University	Archaeological Research on the Production and Distribution of Iron Weapons in the State Formation Process of Ancient Japan	(Japanese Only) https://okayama-u- jp.academia.edu/JosephRyan
WATANABE Miho	Graduate School of Environmental Science, Hokkaido University	Phylogenetic and Functional Analysis of Novel Bacteria Isolated from Aquatic Environments	https://researchmap.jp/m_wata nabe/?lang=english

5th (FY2014) JSPS Ikushi Prize recipients

NAME	AFFILIATION	RESEARCH TITLE	URL (as of July, 2020)
AKIBA Takuya	Graduate School of Information Science and Technology, The University of Tokyo	Unified Algorithmic Approach for Real-world Large-scale Networks	https://researchmap.jp/takiba/? lang=english
UEDA Yasushi	Graduate School of Music, Tokyo University of the Arts	The Piano Education at the Conservatoire National de Musique de Paris from 1850s to 80s: Processes and Factors of Canonization of Repertory	https://researchmap.jp/yasushi _ueda/?lang=english
UNO Shinnosuke	Graduate School of Medicine, The University of Tokyo	Development of Fluorescent Probes Based on Intramolecular Spirocyclization for Live-cell Super-resolution Imaging	(Japanese Only) https://research- er.jp/researchers/view/700327
OBATA Yuuki	Graduate School of Medical and Pharmaceutical Sciences, Chiba University	The Regulatory Mechanism of Gut Immune Homeostasis	(Japanese Only) https://research- er.jp/researchers/view/732467
KUBO Takahiro	Graduate School of Agriculture, Kyoto University	Social Scenario Analysis toward Coexistence between Human and Wildlife	https://researchmap.jp/tkubo/?l ang=english
KUMAGAI Shogo	Graduate School of Environmental Studies, Tohoku University	Feedstock Recycling of Hard-to-Recycle Polymeric Materials	https://researchmap.jp/700001 2617/?lang=english
KUMAZAKI Kaoru	Graduate School of Science, The University of Tokyo	Structural Basis for Sec-independent Membrane Protein Insertion by YidC	(Japanese Only) https://research- er.jp/researchers/view/664138
SATO Honami	Graduate School of Sciences, Kyushu University	Large Impact Event and Its Environmental Effects in the Triassic	https://researchmap.jp/hsat/?la ng=english
SUGIURA Sho	Graduate School of Science, The University of Tokyo	New Formulation of Statistical Physics Based on Thermal Pure Quantum States	(Japanese Only) https://research- er.jp/researchers/view/700409
SUZUKI Wakana	Graduate School of Human Sciences, Osaka University	Resistance and Accommodation: the Ethnography of Regenerative Medicine	https://researchmap.jp/swakan a/?lang=english
TATSUMI Masako	Graduate School of Humanities and Sciences, Ochanomizu University	Research on Inheritance and Shobunjo in Medieval Japan	https://researchmap.jp/908293 26/published_papers?lang=en
TANAKA Sota	Graduate School of Humanities and Sociology, The University of Tokyo	A Study on Hentai Kambun	https://researchmap.jp/soTAN AKA/?lang=english
NAKAHATA Masaki	Graduate School of Science, Osaka University	Functional Supramolecular Materials Based on Stimuli-responsive Macroscopic Selfassembly	https://researchmap.jp/masaki nakahata/?lang=english
NAKAMURA Kyohei	Graduate School of Medicine, Tohoku University	Natural Killer Cell Death Mediated by Intercellular Communication, Trogocytosis	https://www.curecancer.com.a u/our-researchers/dr-kyohei- nakamura
HAYAKAWA Takashi	Graduate School of Science, Kyoto University	Elucidation of Mechanism of Molecular Evolution and Ecological Adaptation of the Bitter Taste Receptor Gene Repertoire in Primates	https://researchmap.jp/700001 1384/?lang=english
MAGATA Fumie	Graduate School of Animal Husbandry, Obihiro University of Agriculture and Veterinary Medicine	Mechanism of the Negative Impact of Endotoxin on Ovarian Functions Associated with Endometritis in Dairy Cows	https://researchmap.jp/magata ?lang=en
MASHIMA Izumi	Graduate School of Dentistry, Health Sciences University of Hokkaido	Development of Molecular Biological Control Method for Oral Biofilm at Early Stage	https://researchmap.jp/izumim ashima/?lang=english
LI Guangqin	Graduate School of Science, Kyoto University	Creation of Innovative Function by Hybrid of Metal Nanoparticles and Metal-organic Frameworks	http://ce.sysu.edu.cn/zh- hans/teacher/834

4th (FY2013) JSPS *Ikushi* Prize recipients

	(. 12010) 00.	- O Masili i fize recipients	
NAME	AFFILIATION	RESEARCH TITLE	URL (as of July, 2020)
IIMA Mami	Graduate School of Medicine, Kyoto University	The Development of a New Non-invasive Diagnostic Tool for Investigating Breast Cancer Using Diffusion Weighted MRI	https://researchmap.jp/mamiii ma?lang=en
OHUE Masahito	Graduate School of Information Science and Engineering, Tokyo Institute of Technology	A Protein-protein Interaction Network Prediction Method Based on Tertiary Structure Information	https://researchmap.jp/ohuem/ ?lang=english
KUMAZOE Motofumi	Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University	Molecular Mechanisms of Epigallocatechingallate-induced Cancer-specific Cell Death	https://researchmap.jp/kmz/?la ng=english
KOHNO Nanase	Graduate School of Science, Hiroshima University	Unified Study of Kinetics and Dynamics on the Elementary Processes in Collisions of Vibrationally Excited Molecules	(Japanese Only) https://research- er.jp/researchers/view/705854
KOBAYASHI Atsushi	Graduate School of Asian and African Area Studies (ASAFAS), Kyoto University	The Role of Intra-Southeast Asian Trade for the Development of Regional Economy in the 19th Century	https://researchmap.jp/700002 3040/?lang=english
KOMURA Mizuki	Graduate School of Economics, Nagoya University	Public Policy Analysis of Family Bargaining	https://researchmap.jp/kmrmzk /?lang=english
NAKAHATA Yoshihisa	School of Life Science, The Graduate University for Advanced Studies	Activation-Dependent Spatial Dynamics of Postsynaptic Glycine Receptors	https://nrid.nii.ac.jp/en/nrid/100 0050726536/
HAMAMUKI Nao	Graduate School of Mathematical Sciences, The University of Tokyo	Crystal Growth Phenomena and Hamilton- Jacobi Equations	https://researchmap.jp/hnao/?lang=english
FUKAYA Takashi	Graduate School of Frontier Sciences, The University of Tokyo	Analysis of MicroRNA-mediated Gene Silencing	https://researchmap.jp/tfukaya/ ?lang=english
FURUICHI Noritoshi	Graduate School of Arts and Sciences, The University of Tokyo	Sociology of Young Entrepreneurs in Japan	(Japanese Only) https://www.furuichi- noritoshi.com/
HEIANZA Yoriko	Graduate School of Comprehensive Human Science, University of Tsukuba	Development of Optimal Strategies for Predicting and Screening Risk of Type2 Diabetes in Japanese Individuals	(Japanese Only) https://research- er.jp/researchers/view/793193
MATSUSHITA Takashi	Graduate School of Letters, Hokkaido University	Research of Contemporary Russian Literature after the Dissolution of USSR	(Japanese Only) https://research- er.jp/researchers/view/742665
MIYAKE Fusa	Graduate School of Science, Nagoya University	Reconstruction of Cosmic-ray Intensity in the Past from Measurements of Radiocarbon in Tree Rings	https://researchmap.jp/700001 6528/?lang=english
MUKAI Hiromi	The United Graduate School of Agricultural Sciences, Kagoshima University	Studies on Parent-Embryo Interaction and Its Communication Mechanism in Subsocial Stink Bugs	https://researchmap.jp/mukaihi romi/?lang=english
MOCHIZUKI Kenji	School of Physical Sciences, The Graduate University for Advanced Studies	Theoretical Study on the Molecular Mechanism of Ice Melting and the Local Structure of Aqueous Solution	https://researchmap.jp/kenjimo chizuki/?lang=english
MORIMOTO Yuya	Graduate School of Information Science and Technology, The University of Tokyo	Construction of Robotic Actuator by In Vitro Reconstruction of Tissue Structure	https://researchmap.jp/y- morimo/?lang=english
YAMASAKI Seiji	Graduate School of Pharmaceutical Sciences, Osaka University	Drug Development Against Resistant Bacterial Infections Using the Structural- functional Information of Multidrug Efflux Pumps	https://researchmap.jp/yamasa kiseiji/?lang=english
LIANG Yong	Graduate School of Engineering, Kyoto University	Beam-steering Photonic-crystal Lasers	(Japanese Only) https://research- er.jp/researchers/view/701294

3rd (FY2012) JSPS *Ikushi* Prize recipients

Research Areas	NAME	AFFILIATION	RESEARCH TITLE	URL (as of July, 2020)
Humanities and Social Sciences	HIOKI Takayuki	Graduate School of Humanities and Sociology, The University of Tokyo	Study of kabuki in bakumatsu (late Edo period) and Meiji era	https://researchmap.jp/700000 7305/?lang=english
	HISAYAMA Yuho	Graduate School of Human and Environmental Studies, Kyoto University	History of the Concept of "Geist" in the German-speaking World from 1750 to 1850	https://researchmap.jp/yuhohis ayama?lang=en
	FUKUDA Maki	Graduate School of Law, Nagoya University	Legal History of Pardon in France	https://researchmap.jp/700000 6315/?lang=english
	YAMAMOTO Kentaro	Graduate School of Human- Environment Studies, Kyushu University	Elucidation of the mechanism of temporal processing in the brain based on hierarchical processing of motion information	https://researchmap.jp/kymmt/ ?lang=en
and Engineering	SAKAZAKI Takatoshi	Graduate School of Environmental Science, Hokkaido University	Quest for the unified picture of diurnal variability in the troposphere and stratosphere	https://researchmap.jp/takatos hi_sakazaki/?lang=english
	TAKAYAMA Akari	Graduate School of Science, Tohoku University	Ultrahigh-resolution spin-resolved ARPES study of two-dimensional Rashba electron system	https://researchmap.jp/707223 38/?lang=english
	TAKIDA Yuma	Graduate School of Engineering, Osaka City University	Development of Doubly-Resonant Terahertz-Wave Parametric Sources Using High -Efficiency Conversion Technique	(Japanese Only) https://research- er.jp/researchers/view/718101
	TSUKIZAKI Ryudo	School of Engineering, The University of Tokyo	Plasma Diagnostics inside the Microwave Discharge Ion Engine and The Enhancement of its Thrust Force	https://nrid.nii.ac.jp/en/nrid/100 0070720697/
	MIYAJIMA Daigo	School of Engineering, The University of Tokyo	Development of Novel Soft Materials Based on Hydrogen Bondings	https://researchmap.jp/daigomi yajima/?lang=english
Biological and Medical Sciences	OKUDA Satohiro	Graduate School of Science, Nagoya University	Study of the mechanism of pollen tube guidance by identification of attractant peptide LUREs and their receptors	(Japanese Only) https://research- er.jp/researchers/view/107092
	KATAYAMA Kota	Graduate School of Engineering, Nagoya Institute of Technology	FTIR Study of Primate Color Visual Pigments	https://researchmap.jp/700002 4859/?lang=english
	KATO Hideaki	School of Science, The University of Tokyo	X-ray crystallographic analysis of a light- gated cation channel,channelrhodopsin	https://researchmap.jp/hideaki kato/?lang=english
	KODA Keiko	Interdisciplinary Graduate School of Science and Technology, Shinshu University	Ecological studies to conserve the endangered lycaenid butterflies living in Satoyama	https://researchmap.jp/Keiko- Koda/?lang=english
	SATO Yuya	Graduate School of Agricultural and Life Sciences, The University of Tokyo	Elucidation of the relation between oxygen, electron, and life, through the metabolism of an evolutionarily-ancient bacterium	https://researchmap.jp/yuyasat o/?lang=english
	TOHYAMA Shugo	School of Medicine, Keio University	Distinct Metabolic Flow Enables Large- Scale Purification of Pluripotent Stem Cell- Derived Cardiomyocytes	https://researchmap.jp/stohya ma/?lang=english
	TOMINAGA Akiyoshi	The United Graduate School of Agricultural Sciences, Kagoshima University	Investigation of the molecular bases of advanced symbiotic nitrogen fixation activity in leguminous plants and rhizobium, and the application to crop	https://researchmap.jp/700001 9799/?lang=english

2nd (FY2011) JSPS *Ikushi* Prize recipients

Research Areas	NAME	AFFILIATION	RESEARCH TITLE	URL (as of July, 2020)
Humanities and Social Sciences	KANCI FIIMININ		A Comparative Eye-Tracking Study in Four Genera of Hominid: Face and Scene Scanning	https://researchmap.jp/700000 9617/?lang=english
	SAKAMUTU HIMAKI I	Graduate School of Economics, Kyoto University	Economic Analysis of Climate Change with Agent Heterogeneity and Impact Uncertainty	https://researchmap.jp/hskmt?l ang=en
	HAYASHI EIICNI	Graduate School of Economics, Keio University	The Social History of a Japanese Soldier Who Stayed Behind-Modern Japan of Southeast Asian History-	https://researchmap.jp/ee1/?la ng=english
	YATSHINAMI RED	Graduate School of Law, Kyushu University	Rules on International Trust	https://researchmap.jp/700000 7624/?lang=english
	II() HIGETO	Graduate School of Science, Hokkaido University	Construction of Specific Catalytic Environment by Semihollow-Shaped Triethynylphosphine Ligand and Its Application to Transition Metal-Catalyzed Reaction	https://researchmap.jp/itohidet o/?lang=english
	(÷()N(÷Y() Yoshinori I	Graduate School of Mathematical Sciences, The University of Tokyo	Minimal Models and Abundance	https://researchmap.jp/yoshino rigongyo/?lang=english
and		School of Science, The University of Tokyo	Formation and Evolution of Alumina Dust around Evolved Stars: Toward the Next Stage of Astromineralogy	https://researchmap.jp/700001 1329/?lang=english
Engineering	YAMAZAKI Dai	School of Engineering, The University of Tokyo	A Physically-Based Modeling of Large- Scale Flooding in Continental Rivers of the World	https://researchmap.jp/bigasm ountain/?lang=english
`		Graduate School of Engineering Science, Osaka University	Development of Novel Carbon-Carbon Bond Formations with Elimination of Dihydrogen	https://researchmap.jp/koji_ya mamoto/?lang=english
,	YUSHIDA YIIICNI	Graduate School of Informatics, Kyoto University	Sublinear-Time Algorithms for Graphs and Constraint Satisfaction Problems	https://researchmap.jp/yyoshid a/?lang=english
I	ISHII KANICNI	Graduate School of Pharmaceutical Sciences, The University of Tokyo	Research on Regulatory Systems of Innate Immunity and Establishment of Immune-Related Disease Model in the Silkworm Bombyx mori	https://researchmap.jp/ken1ish i2/?lang=english
ŀ	K AIVIII JK I IVIASAVOSDI — I	Graduate School of Science, Rikkyo University	Nocturnal Song in Birds: The Costs and Benefits of Acoustic Communication in the Darkness	(Japanese Only) https://research- er.jp/researchers/view/700376
ŀ	K DYAMA Masako - I	Graduate School of Science, Nagoya University	Structural Basis for CRM1-Mediated Nuclear Export	https://researchmap.jp/koyama .masako/?lang=english
Biological and Medical Sciences	TAKAHARA MIISHMOSH I	Graduate School of Medicine, Osaka University	Establishment of Optimal Statistical Models for Assessing the Risk of Atherosclerotic Disease	https://researchmap.jp/takahar a-mitsuyoshi/?lang=english
	NAKAYAMA Shorta	Graduate School of Veterinary Medicine, Hokkaido University	Assessment of Toxicological Effects of Environmental Pollutants on the Wildlife in Africa	https://researchmap.jp/snakay ama/?lang=english
	NISHIE Mami	Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University	Studies on Lantibiotic Biosynthesis and Mode of Action for Novel Peptide Designing	(Japanese Only) https://research- er.jp/researchers/view/665534
		School of Engineering, The University of Tokyo	The Regulatory Mechanisms of Xist RNA in X-Chromosome Inactivation	https://researchmap.jp/geo_gr p_acta/?lang=english

1st (FY2010) JSPS *Ikushi* Prize recipients

Research Areas	NAME	AFFILIATION	RESEARCH TITLE	URL (as of July, 2020)
	ICHIKAWA Akira	Graduate School of Letters, Nagoya University	An Archaeological Study on the Societies of Classic Period of Mesoamerica and Its Formation Processes	https://researchmap.jp/ichiaki5/ ?lang=english
	TAKAGISHI Haruto	Graduate School of Letters, Hokkaido University	The Role of Theory of Mind in Altruistic Behavior	https://researchmap.jp/read01 39940/?lang=english
	TAKEMURA Hiromasa	Graduate School of Arts and Sciences, The University of Tokyo	Psychophysical Study for Visual Motion Processing Based on Spatial and Temporal Interaction of Visual Signal	https://researchmap.jp/hiromas atakemura/?lang=english
	NISHIDA Ai	Graduate School of Foreign Language Studies, Kobe City University of Foreign Studies	Old Tibetan Divination Manuscripts from Central Asia	https://researchmap.jp/ai_nishida/?lang=english
	NISHIMOTO Noa	Graduate School of Asian and African Area Studies, Kyoto University	A Descriptive Study of the Antandroy Dialect of Malagasy	https://researchmap.jp/700000 9399/?lang=english
	YOSHIE Michiko	Graduate School of Arts and Sciences, The University of Tokyo	Psychophysiological Study of the Effects of Social-Evaluative Stress on Motor Performance in Pianists	https://researchmap.jp/michiko _yoshie/?lang=english
Science, Mathematics and Engineering	UCHIDA Ken-ichi	Graduate School of Science, Tohoku University	Exploration of Fundamental Physics and Application Technology on Thermo-Spin Effects	https://researchmap.jp/ken- ichi_uchida/?lang=english
	KITAJIMA Masaaki	Graduate School of Engineering, The University of Tokyo	Molecular Epidemiological Analysis of Pathogenic Viruses in Water Environments and Control Risk of Infection	https://researchmap.jp/read01 48899/?lang=english
	SASADA Makiko	Graduate School of Mathematical Sciences, The University of Tokyo	Hydrodynamic Limits for Systems of Non- Gradient Type	https://researchmap.jp/sasada _makiko/?lang=english
	NOBUKAWA Masayoshi	Graduate School of Science, Kyoto University	X-Ray Study of the Galactic Center Region with Suzaku	https://researchmap.jp/700000 9054/?lang=english
	YANAGISAWA Shuichi	Graduate School of Science, Nagoya University	Arene-Assembling Reactions through Direct C-H Bond Functionalization	http://synth.chem.nagoya- u.ac.jp/wordpress/member/alu mni/%E6%9F%B3%E6%BE% A4%E3%80%80%E5%91%A8 %E4%B8%80?lang=en
Biological and Medical Sciences	IKENAGA Naoki	Graduate School of Medical Sciences, Kyushu University	Development of the Selective Stromal- Directed Therapies Targeting the Specific Pancreatic Stellate Cells Enhancing the Progression of Pancreatic Cancer	(Japanese Only) https://research- er.jp/researchers/view/724793
	SEKI Tomohisa	Graduate School of Medicine, Keio University	Generation of Induced Pluripotent Stem Cells from Human Terminally Differentiated Circulating T Cells	https://researchmap.jp/tomohis aseki/?lang=english
	NAKAI Ryosuke	Graduate School of Biosphere Science, Hiroshima University	Phylogeographic Analysis of Microorganisms in the Arctic and Antarctic Polar Regions	https://researchmap.jp/rnakai/? lang=english
	HORIE Masayuki	Graduate School of Medicine, Osaka University	Endogenous Non-Retroviral RNA Virus Elements in Mammalian Genomes	https://researchmap.jp/masayu ki_horie/?lang=english
	YAMAGISHI Yuya	Graduate School of Science, The University of Tokyo	Analysis of the Function and the Localization Mechanism of the Conserved Protein Shugoshin	(Japanese Only) https://research- er.jp/researchers/view/148932
	YOSHIDA Ayako	Graduate School of Agricultural and Life Sciences, The University of Tokyo	Structural Biology on Amino Acid Kinases Involved in Amino Acid Biosynthesis	(Japanese Only) https://research- er.jp/researchers/view/593421