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P01	Mikiko Ohno	Nardilysin regulates megakaryocyte maturation and platelet production
P02	Koji Kikuchi	Spatiotemporal regulation of Map7D1 expression and dynamics is involved in cell polarity formation during mammalian tissue morphogenesis
P03	Laxmi Kumar Parajuli	Developmental changes of spine morphology in the striatum and its alteration in Parkinson's disease mouse model
P04	Norihisa Bizen	Mice lacking a novel Olig2-binding factor displays the attenuation of oligodendrocyte differentiation and myelination in the central nervous system
P05	Mikio Furuse	Establishment of a tight junction-deficient epithelial cell line by genome editing of claudin genes
P06	Taichi Sugawara	Assembly of angulin-1/LSR in vertices of three epithelial cells is determined by the cytoplasmic palmitoylation.
P07	Satoru Takahashi	Large-scale three-dimensional correlative light and electron microscopy (3D-CLEM)
P08	Kentarou Kobayashi	Activity report at Nikon Imaging Center
P09	Takumi Watanabe	Determination of three-dimensional structure of artificial nanocomposite hydrogel microspheres by cryo-electron tomography
P10	Kenshiro Honda	Investigation of self-assembled microstructures of ellipsoidal microgels
P11	Chuyun Fan	Dynamic change of molecules and inflammatory cells in vasospasm induced by subarachnoid hemorrhage
P12	Kenta Sugiura	Transition of gametes structures on reproductive process in tardigrade Macrobiotus shonaicus
P13	Yusuke Azuma	Deep learning based image restoration with efficient training data acquisition
P14	Shuhao Lin	ERK activation wave regulated by NRG and EGF family ligands in MDCK epithelial cells
P15	Tomohiko Wakayama	Cellular Interaction between spermatogenic and Sertoli cells during spermatogenesis by cell adhesion molecules
P16	Akihiro Shibata	Optical induction of signaling and plasticity of single dendritic spines by photoactivatable CaMKII
P17	Yasushi Izumi	Occluding junctions regulate gut homeostasis through regulation of stem cell proliferation and enterocyte behavior in Drosophila
P18	Mami Matsumoto	Dynamics of primary cilium in migrating new neurons in the adult brain
P19	Hiroshi Horiuchi	CMOS-based bio-image sensor spatially resolves neural activity dependent proton dynamics in the living brain
P20	Ray Burton-Smith	The off-axis rotor of Enterococcus hirae V-type ATPase by volta phase contrast cryo-EM

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P21	Chihong Song	Dynamic structural change of norovirus revealed by cryo-electron microscopy
P22	Yasutaka Matsuo	Imaging support of Co-creative Research Support Department, Research Institute for Electronics Science, Hokkaido University
P23	Daisuke Ohsawa	Proton induced fluorescence microscopy of single living cells utilizing advanced microbeam irradiation system (SPICE)
P24	Masato Tomita	New phase-contrast STEM using amplitude fresnel zone plate
P25	Youhei Mantani	Site difference of fibroblast-like cells in the lamina propria of the rat large intestine
P26	Akane Chihara	Single particle cryo-EM of Tokyovirus
P27	Satoki Nakanishi	Three-dimensional observation of nervous connectivity in the rat ileum with serial block-face scanning electron microscopy (SBF-SEM)
P28	Kohei Otomo	Two-photon excitation spinning-disk confocal microscopy for visualizing higher-dimensional biological events
P29	Motosuke Tsutsumi	Super resolution imaging support based on spatial/temporal fluorescence correlation analysis
P30	Sho Maejima	Ultrastructural and biochemical characterization of fluorescence protein- fusion neurohypophyseal hormone dynamics using transgenic rats
P31	Ryo Ogawara	BNCT dose distribution in tissue slice based on microscopic images of alpha particle tracks from 10B(n, α)7Li reactions
P32	Ryoto Watanabe	Study of particle structure and its formation process of a new giant virus, Medusa virus
P33	Kenichiro Sugitani	Imaging of 3.0-billion-years-old microfossils
P34	Kensuke Tsushima	Mechanism of dysregulation of mitochondrial dynamics in cardiac lipotoxicity
P35	Tetsuhisa Otani	Claudins and JAMs coordinately regulate tight junctions formation
P36	Tomoyasu Shinoda	Novel dynamic lamellipodia-like structures in neural progenitor cells
P37	Osamu Hatano	CLEM imaging of rhododendrol-induced leukoderma in zebrafish and catalytic oxidation of Japanese cedar wood
P38	Yoshiyuki Kubota	Thalamo-cortical synaptic network in motor cortex analyzed with large volume electron microscopy
P39	Masao Maeda	The use of a new simple lens mobile microscope in anatomical education
P40	Kei Eto	Coding of cutaneous temperature in excitatory and inhibitory neurons of the primary somatosensory cortex