




Top Viewed Titles

Daily Ranking: 1. August

Rank	View	Like	Number	Presenter	Title
	306	14	1PL01	Susumu Tonegawa	Neuroscience of Episodic Learning and Memory
	175	6	3PL01	Giulio Tononi	Consciousness: From Theory to Practice
	174	11	1EL04	Schuichi Koizumi	Control by glia of brain functions
4	163	10	2EL06	Taro Toyoizumi	Theoretically studying the brain
5	153	9	2PL01a	Catherine G Dulac	Neurobiology of Social Behavior
6	139	6	2SL02m-1	Kenji Doya	What can we further learn from the brain for artificial intelligence
7	136	11	4EL06	Sakiko Honjoh	Neural activity dynamics across sleep/wake cycles
8	132	15	2EL04	Shigeyoshi Fujisawa	Neuronal oscillations and information processing in the hippocampus
9	130	15	2EL05	Makiko Yamada	Neuroscience of cognitive bias: linking mind and brain
10	119	2	2P-060	Kazuki Shiotani	Medial Prefrontal Cortex Plays an Essential Role for Flavor Discrimination
11	105	6	2PL01m	Daniel Geschwind	Integrative Genomics in Neuropsychiatric Disorders
12	104	5	1SL02	Masanobu Kano	Shaping mature neural circuits through synapse pruning
13	96	9	4SL02	Hideyuki Okano	Investigation of Human Neurological/Psychiatric Disorders using iPSCs and Genetically Modified Non-Human Primates
14	92	5	3BPL02	Peter Dayan	Replay
15	85	5	3SL02	Michisuke Yuzaki	How to build a synapse: new mechanisms by extracellular scaffolding
16	80	7	2SEL06	Osamu Sakura × Yuji Ikegaya	Considering science and technology in the cultural context of public society
17	77	6	3EL06	Ryota Hashimoto	Trend watch for elucidation of pathological mechanisms of mental illness
18	75	5	4EL04	Takufumi Yanagisawa	Clinical application of neural decoding and brain-computer interface
18	75	1	3EL04	Takefumi Kikusui	Social Neuroendocrinology: Roles of endocrine for social formation
18	75	2	2SL02m-2	Noriko Osumi	Transgenerational epigenetics: a possible scenario for the onset of neurodevelopmental diseases
21	70	8	1EL05	Kazushige Touhara	Olfactory neuroscience research from a chemical point of view
22	65	8	1EL06	Ryohto Sawada	Mutual learning between human and AI in Shogi and its quantification
23	63	8	2SEL06	Osamu Sakura	Considering science and technology in the cultural context of public society
24	61	3	3EL05	Takafumi Minamimoto	Visualizing and manipulating primate neural circuits by chemogenetic imaging
24	61	4	4EL05	Yumiko Yoshimura	Experience-dependent developmental mechanisms in the visual cortex
26	57	6	3SL01	Bosiljka Tasic	Cell types of adult mouse cortex and hippocampus
27	56	8	2AL02a-1	Junichi Nabekura	Remodeling of neuronal circuits in vivo :glia-neuron interaction
28	51	1	3S08m-01	Naoshige Uchida	A normative perspective on the diversity of dopamine neurons
29	49	3	2S03m-02	Shigeru Kitazawa	The here and now in the default mode network

Rank	View	Like	Number	Presenter	Title
30	44	3	1S02m-01	Ryohei Yasuda	Imaging neuronal intracellular signal transduction using multiphoton fluorescence lifetime imaging microscopy
30	44	5	2S06m-01	Kenneth D Harris	Nneurons → ∞
32	43	1	3S08m-02	Will Dabney	A distributional code for value in dopamine-based reinforcement learning
33	42	3	1S02m-04	Masanori Murayama	Fast, wide and contiguous field-of-view two-photon Ca2+ imaging
33	42	1	1AL02a-1	Yasushi Okada	Development of super-resolution microscopy and its application to the study of the axonal transport
35	36	1	2S05m-01	Teruhiro Okuyama	Social memory representation in the hippocampus
35	36	1	1S09m-01	Aki Takahashi	Neural mechanism of social frustration and escalation of aggressive behavior
37	34	2	1AL02a-2	Takuya Takahashi	Synaptic plasticity: from bench to bedside
37	34	1	4S02m-02	Miho Nakajima	Attentional rules are decoded by anatomically fixed PFC output neurons
39	33	1	4ES03a-01	Masako Myowa	Slow but steady
39	33	2	4ES03a-04	Takefumi Kikusui	"Nakayoshi" strategy at a small and middle class private university
39	33	1	3S04a-02	Masaaki Ogawa	Neural basis of motivation to overcome negative reward prediction errors
39	33	2	3S08m-04	Paul W. Glimcher	Normalization Models of Decision-Making
43	32	1	2AL02a-2	Norio Ozaki	Elucidation of molecular pathophysiology of autistic spectrum disorder and schizophrenia starting from rare disease-susceptibility variants
43	32	0	1S02m-05	Lin Tian	Imaging serotonin dynamics in living behaving animals
45	31	2	2S03m-01	Daniel S Margulies	Situating the DMN along a principal gradient of macroscale cortical organization
45	31	0	4S02m-01	Seiichiro Amemiya	Hippocampal search processes in deliberative decision making
47	30	1	3AL02m	Haruki Takeuchi	Cell-type specific patterned activities specify gene expression patterns for olfactory circuit formation
47	30	5	2S06m-05	Teppe Matsui	Calcium imaging of spontaneous and stimulus-evoked activity in the marmoset visual cortex
49	29	1	1S05m-01	Toru Ishii	Introduction: Towards an understanding of the human hippocampus
49	29	2	3S04a-01	Stephan Lammel	Diversity of Dopamine Neurons in Reward and Aversion
49	29	2	2S03a-01	Hiroaki Wake	Microglial role for creative deconstruction of brain parenchyma
52	28	3	2S09a-05	Takeshi Ogawa	Individual trait and brain dynamics associated with creative insight
52	28	1	2S09a-02	Hikaru Takeuchi	Neural bases of individual differences of creativity
54	27	0	2S05a-03	Hidehiko Takahashi	Interface between AI and schizophrenia research
54	27	2	1S07a-02	Jun Yamamoto	Role of Reverberating Neural Oscillations in Entorhinal-Hippocampus Circuits during Episodic Memory Task
54	27	0	3S09a-01	Shinichiro Tsutsumi	Cerebellar cortical involvement in rapid sensorimotor associations
54	27	1	2S04a-01	Yuichiro Oka	Neuronal circuits of subplate neurons
58	26	0	2S05m-05	Kazunari Miyamichi	Dynamics of Oxytocin Neural Circuits in Mice
58	26	1	3S08m-03	Christine Constantinople	Neural basis of dynamic risk preferences
58	26	2	3S03m-01	Rie Ishikawa	Reconsolidation and extinction engrams in medial prefrontal cortex and amygdala
58	26	3	2S06m-04	Junnosuke Teramae	Dual stochasticity in the cortex as a biologically plausible learning with the most efficient coding
58	26	2	4S03m-01	Kentaro Miyamoto	Proactive metacognitive judgement in humans and monkeys
63	25	3	1S08a-02	Hiroki R Ueda	Systems Biology of Mammalian Sleep/Wake Cycles ~Phosphorylation Hypothesis of Sleep~

Rank	View	Like	Number	Presenter	Title
63	25	0	3S09a-02	Taro Ishikawa	Multiple cortico-cerebellar pathways in sensory signaling
65	24	3	4ES03a-03	Kumi O. Kuroda	Blue ocean strategy + My Work-Life balance = Neurobiology of parent-infant relations
65	24	2	1S04a-02	Shohei Furutachi	Synergistic modulation of sensory processing by higher-order thalamus and inhibitory interneurons in primary visual cortex
65	24	1	1S03m-01	Itaru Imayoshi	Regulatory Mechanism of Neural Stem Cells Revealed by Optical Manipulation of Gene Expressions
65	24	0	2S05m-03	Masatoshi Inoue	Single-neuron social representations in prefrontal cortex
65	24	1	3S04a-05	Michael J. Frank	Computational modeling of frontal cortex and basal ganglia during inhibitory control and decision making
65	24	1	3S04a-04	Ken-Ichi Amemori	Physiological approach to identify primate cortico-basal ganglia circuits that generate anxiety
65	24	2	3S06a-02	John David Murray	Geometry of goal-oriented neural computations unifying working memory, decision making, and cognitive control
72	23	1	2S03a-03	Kazuo Emoto	Molecular and cellular basis for neural circuit remodeling
72	23	1	1P-145	Hiroataka Asai	The genetic construction of latent neuronal ensembles in the hippocampus for processing information
72	23	1	2S03m-05	Jessica Damoiseaux	The role of the default mode network in typical aging and subjective cognitive decline.
72	23	0	4S02m-04	David Dupret	Neuronal computation underlying inferential choice in humans and mice
76	22	2	1S03m-05	Tatsunori Seki	To what extent does adult neurogenesis occur in the human hippocampus?
76	22	0	3S06a-03	Kei Watanabe	Identifying functional differences among frontopolar, mid-lateral, and posterior-lateral prefrontal cortices in monkeys.
76	22	0	1S04a-01	Tatsuo Sato	Interhemispherically dynamic representation of a visuo-oculomotor circuit in mouse frontal cortex
76	22	0	1S03a-05	Fumi Kubo	An Optical Illusion Pinpoints an Essential Circuit Node for Global Motion Processing
76	22	1	2S03m-03	Shahar Arzy	Scales matter: Brain processing of multiple scales in space, time and social networks in the default network
81	21	1	1S08a-01	Arisa Hirano	Neural circuit of circadian sleep regulation in mice.
81	21	1	3S05a-03	Eiko N Minakawa	Dementia research from the perspective of sleep
81	21	1	1P-093	Daichi Konno	Discrete spread patterns of spontaneous neural activity in the rat visual cortex
81	21	2	3S09a-04	Mark J Wagner	Learning in Neocortex-Cerebellum Circuits
81	21	1	2S08a-04	Ayako W Ishikawa	Experience-dependent emergence of functional subnetworks in visual cortex
81	21	1	3S03m-03	Joshua P. Johansen	Control of aversive emotional responding through cortical-subcortical interactions
87	20	0	3O09m-3-01	Ayaka Kato	Encoding of an innate value of odors by dopaminergic neurons
87	20	0	1S07a-01	Daoyun Ji	Hippocampal place cells and awake replay in contextual fear memory
87	20	0	3S05a-01	Hitoshi Okazawa	Discovery of new pathologies and development of new therapeutics based on molecular network analysis against Alzheimer's disease
87	20	1	1S03a-02	Ryo Aoki	Plasticity of visual cortical circuits driven by millisecond patterned optogenetic manipulations at cellular-level resolution
87	20	3	2S07a-01	Yu Hayashi	Crucial roles for REM sleep in maintaining brain homeostasis as revealed from genetic and imaging approaches
87	20	2	3O11m-1-04	Rui Iizuka	Cellular and molecular mechanisms of neocortical integration through area-specific migration mode
87	20	2	1P-150	Akinobu Ohba	Theta-phase locked neuronal activity is necessary for memory consolidation during REM sleep
94	19	0	1O11m-1-03	Pin-Wu Liu	CaMKII-mediated subsynaptic segregation of glutamate receptors by super resolution imaging
94	19	0	4O03m-04	Kengo Inada	Oxytocin neurons facilitate parental behavior in males
94	19	1	1O11a-1-02	Takuya Isomura	Creating instant generative models using hierarchical neural networks
94	19	1	2S06m-03	Hitoshi Okazaki	Intrinsic dynamics of the dendritic spines

Rank	View	Like	Number	Presenter	Title
94	19	1	1P-068	Masahiro Nakano	Response adaptation and deviant detection in mouse primary visual cortex
94	19	3	1S08a-03	Hayato Chiba	Synchronization of neuronal oscillations on a random network
94	19	1	4S05m-02	Tadashi Isa	Cortical and subcortical mechanism of reward-based decision making
94	19	0	3S05a-02	Tetsuaki Arai	Early detection of dementia using behavioral analysis
94	19	0	3O08m-3-02	Akihiro Funamizu	Neural encoding and decoding of auditory cortex during perceptual decision making
94	19	0	3S05a-04	Takahiko Tokuda	Fluid biomarkers for dementia: an application of supersensitive digital ELISA
94	19	1	3S09a-03	Hirokazu Tanaka	Linear predictive computation in the cerebellum and the cerebro-cerebellar loop
94	19	1	4S02m-03	Matthew Jones	Configuring prefrontal cortical assembly dynamics during decision making and learning
94	19	0	4O03m-02	Naohisa Miyakawa	Amygdalar contribution on socio-emotional representation in macaque ventral visual cortex revealed by chemogenetic manipulation
107	18	1	4AL	Michisuke Yuzaki	Neuroscience Society Young Investigator Awardees - Fiscal Year 2020 Words of Congratulations and Acceptance Speeches
107	18	1	1S03m-03	Taito Matsuda	Direct reprogramming of microglia into functional neurons in the adult mouse brain
107	18	1	3P-192	Kentaro Tao	Social neuronal ensemble in the ventral hippocampus
107	18	1	2S09m-03	Yosuke Morishima	Neural substrates for context-independent and dependent altruism
107	18	0	3S04m-01	Honda Naoki	Decoding Animal Behavioral Strategy by Inverse Reinforcement Learning
107	18	1	3S05m-03	Yukio Kawahara	The physiological significance of RNA editing in maintaining brain homeostasis
107	18	2	2S03a-04	Michisuke Yuzaki	Creative destruction of synapses by activity-dependent lysosomal exocytosis
107	18	0	3S05a-05	Haruhisa Inoue	Dementia research using human stem cell models
107	18	0	1S06m-07	Shinji Nishimoto	Predicting decodability: physiology, models, and individual differences
107	18	1	3S03m-02	Bong-Kiun Kaang	Unlearning vs Relearning during Memory Extinction
107	18	1	4S04m-04	Takamitsu Watanabe	Brain network structures and neural dynamics in psychiatric disorders
107	18	3	1S04m-04	Koshi Murata	Roles of the olfactory tubercle in odor-induced motivated behaviors
107	18	1	4S05m-03	Hiroyuki Mizoguchi	Elucidation of neural circuits involved in decision-making in addiction