

# Top Viewed Titles

Daily Ranking: 31. July

Rank	View	Like	Number	Presenter	Title
	260	7	1PL01	Susumu Tonegawa	Neuroscience of Episodic Learning and Memory
	154	4	3PL01	Giulio Tononi	Consciousness: From Theory to Practice
	147	8	1EL04	Schuichi Koizumi	Control by glia of brain functions
4	127	4	2PL01a	Catherine G Dulac	Neurobiology of Social Behavior
5	113	6	2EL06	Taro Toyozumi	Theoretically studying the brain
6	106	13	2EL05	Makiko Yamada	Neuroscience of cognitive bias: linking mind and brain
7	100	8	2EL04	Shigeyoshi Fujisawa	Neuronal oscillations and information processing in the hippocampus
8	92	5	2SL02m-1	Kenji Doya	What can we further learn from the brain for artificial intelligence
8	92	5	4EL06	Sakiko Honjoh	Neural activity dynamics across sleep/wake cycles
10	89	5	3SL02	Michisuke Yuzaki	How to build a synapse: new mechanisms by extracellular scaffolding
11	88	4	3BPL02	Peter Dayan	Replay
11	88	2	2S08m-03	Masaaki Nishiyama	Oligodendrocyte dysfunction by CHD8 haploinsufficiency shapes the core autistic-like phenotypes in mice
11	88	1	1O09m-3-02	Atsushi Sugie	Analysis of neurodegenerative process with impairment of intercellular communication using Drosophila photoreceptor as a model
14	81	7	2SEL06	Osamu Sakura × Yuji Ikegaya	Considering science and technology in the cultural context of public society
15	79	1	1SL02	Masanobu Kano	Shaping mature neural circuits through synapse pruning
15	79	7	3SL01	Bosiljka Tasic	Cell types of adult mouse cortex and hippocampus
17	78	3	2PL01m	Daniel Geschwind	Integrative Genomics in Neuropsychiatric Disorders
18	69	2	4SL02	Hideyuki Okano	Investigation of Human Neurological/Psychiatric Disorders using iPSCs and Genetically Modified Non-Human Primates
18	69	4	1S02m-01	Ryohei Yasuda	Imaging neuronal intracellular signal transduction using multiphoton fluorescence lifetime imaging microscopy
20	66	2	4EL04	Takufumi Yanagisawa	Clinical application of neural decoding and brain-computer interface
21	64	5	2SEL06	Osamu Sakura	Considering science and technology in the cultural context of public society
22	62	5	3EL06	Ryota Hashimoto	Trend watch for elucidation of pathological mechanisms of mental illness
22	62	11	3S08m-01	Naoshige Uchida	A normative perspective on the diversity of dopamine neurons
24	61	1	3EL04	Takefumi Kikusui	Social Neuroendocrinology: Roles of endocrine for social formation
25	58	5	1S02m-04	Masanori Murayama	Fast, wide and contiguous field-of-view two-photon Ca <sup>2+</sup> imaging

Rank	View	Like	Number	Presenter	Title
26	57	5	1EL05	Kazushige Touhara	Olfactory neuroscience research from a chemical point of view
26	57	7	2SL02m-2	Noriko Osumi	Transgenerational epigenetics: a possible scenario for the onset of neurodevelopmental diseases
26	57	6	3EL05	Takafumi Minamimoto	Visualizing and manipulating primate neural circuits by chemogenetic imaging
29	55	3	4EL05	Yumiko Yoshimura	Experience-dependent developmental mechanisms in the visual cortex
29	55	2	2AL02a-1	Junichi Nabekura	Remodeling of neuronal circuits in vivo :glia-neuron interaction
31	52	1	1P-136	Kun-Ruey Shieh	Taiwanese field mice/Formosan wood mice ( <i>Apodemus semotus</i> ) show less-anxious behaviors than C57BL/6 mice in the light-dark exploration test
32	48	2	1AL02a-1	Yasushi Okada	Development of super-resolution microscopy and its application to the study of the axonal transport
32	48	1	3P-259	Masahiro Yamamoto	The visual system knows enough to take into account Physics
34	45	10	2S06m-01	Kenneth D Harris	Nneurons $\rightarrow \infty$
35	43	1	1P-137	Shu-Chuan Yang	Taiwanese field mice/Formosan wood mice ( <i>Apodemus semotus</i> ) exhibit higher levels of exploratory behaviors and central dopaminergic activities than C57BL/6 mice in the open field test
35	43	4	2S03m-02	Shigeru Kitazawa	The here and now in the default mode network
35	43	0	2S05m-01	Teruhiro Okuyama	Social memory representation in the hippocampus
35	43	2	1O11m-1-03	Pin-Wu Liu	CaMKII-mediated subsynaptic segregation of glutamate receptors by super resolution imaging
39	42	9	3S08m-02	Will Dabney	A distributional code for value in dopamine-based reinforcement learning
39	42	1	2P-060	Kazuki Shiotani	Medial Prefrontal Cortex Plays an Essential Role for Flavor Discrimination
41	41	3	1S09m-01	Aki Takahashi	Neural mechanism of social frustration and escalation of aggressive behavior
41	41	2	4O03m-04	Kengo Inada	Oxytocin neurons facilitate parental behavior in males
43	40	4	1EL06	Ryohto Sawada	Mutual learning between human and AI in Shogi and its quantification
44	34	1	2S03m-01	Daniel S Margulies	Situating the DMN along a principal gradient of macroscale cortical organization
45	33	5	4ES03a-03	Kumi O. Kuroda	Blue ocean strategy + My Work-Life balance = Neurobiology of parent-infant relations
45	33	2	1S05m-01	Toru Ishii	Introduction: Towards an understanding of the human hippocampus
47	32	3	4ES03a-01	Masako Myowa	Slow but steady
47	32	4	1S04a-02	Shohei Furutachi	Synergistic modulation of sensory processing by higher-order thalamus and inhibitory interneurons in primary visual cortex
49	31	3	4AL	Michisuke Yuzaki	Neuroscience Society Young Investigator Awardees - Fiscal Year 2020 Words of Congratulations and Acceptance Speeches
49	31	2	1S07a-03	Kenji Mizuseki	Pathway-specific information outflow from the subiculum
49	31	0	2AL02a-2	Norio Ozaki	Elucidation of molecular pathophysiology of autistic spectrum disorder and schizophrenia starting from rare disease-susceptibility variants
52	30	1	2S05a-03	Hidehiko Takahashi	Interface between AI and schizophrenia research
52	30	2	3S04a-01	Stephan Lammel	Diversity of Dopamine Neurons in Reward and Aversion
52	30	0	2S05m-05	Kazunari Miyamichi	Dynamics of Oxytocin Neural Circuits in Mice
55	29	1	4ES03a-04	Takefumi Kikusui	"Nakayoshi" strategy at a small and middle class private university
55	29	3	1AL02a-2	Takuya Takahashi	Synaptic plasticity: from bench to bedside

Rank	View	Like	Number	Presenter	Title
57	28	1	1S02m-05	Lin Tian	Imaging serotonin dynamics in living behaving animals
57	28	1	1S03m-01	Itaru Imayoshi	Regulatory Mechanism of Neural Stem Cells Revealed by Optical Manipulation of Gene Expressions
57	28	0	1S07a-02	Jun Yamamoto	Role of Reverberating Neural Oscillations in Entorhinal-Hippocampus Circuits during Episodic Memory Task
57	28	1	2P-237	Tetsuya Sasaki	Cortical dysplasia caused by interleukin 17A and its involvement in pathophysiology of ASD
57	28	3	1S09m-04	Menard Caroline	Social stress induces neurovascular cellular and molecular changes promoting depression
62	27	1	2S03a-01	Hiroaki Wake	Microglial role for creative deconstruction of brain parenchyma
62	27	2	3S08m-03	Christine Constantinople	Neural basis of dynamic risk preferences
62	27	4	1S07a-04	Susumu Takahashi	Deciphering the code in the medial pallium of migratory seabirds
62	27	0	1P-160	Kareem MahmoudIbrahim Abdou	Dissociable roles of sleep stages in the emergence and consolidation of transitive inference
66	26	3	3AL02m	Haruki Takeuchi	Cell-type specific patterned activities specify gene expression patterns for olfactory circuit formation
66	26	1	1S02m-02	Liangyi Chen	Super-resolution fluorescence assisted diffraction computational tomography reveals the three-dimensional landscape of cellular organelle interactome
66	26	3	1S05a-06	Akihiro Yamanaka	Regulatory mechanism of sleep/wakefulness and memory
69	24	1	3O09m-3-01	Ayaka Kato	Encoding of an innate value of odors by dopaminergic neurons
69	24	3	2S06m-05	Teppe Matsui	Calcium imaging of spontaneous and stimulus-evoked activity in the marmoset visual cortex
69	24	1	1S02m-03	Lingyan Shi	High Resolution Vibrational Imaging of Brain Metabolism
69	24	1	3S04a-02	Masaaki Ogawa	Neural basis of motivation to overcome negative reward prediction errors
73	23	0	3S03m-01	Rie Ishikawa	Reconsolidation and extinction engrams in medial prefrontal cortex and amygdala
74	22	1	1S08a-02	Hiroki R Ueda	Systems Biology of Mammalian Sleep/Wake Cycles ~Phosphorylation Hypothesis of Sleep~
74	22	2	1S03m-05	Tatsunori Seki	To what extent does adult neurogenesis occur in the human hippocampus?
74	22	1	1S03m-03	Taito Matsuda	Direct reprogramming of microglia into functional neurons in the adult mouse brain
74	22	2	2S09a-05	Takeshi Ogawa	Individual trait and brain dynamics associated with creative insight
74	22	2	1S03a-03	Luis Carrillo Reid	Optical control of neuronal ensembles to understand perception, behavior and disease
74	22	2	2S09a-01	Anna Abraham	Understanding the True Nature of Creative Neurocognition by Adopting Multiple Methodologies
74	22	4	2S09a-03	Roger Beaty	Creative Connections: Mapping Cognitive Mechanisms and Individual Differences in the Creating Brain
74	22	1	3O07m-3-04	Masayuki Sakamoto	Characterizing and engineering microbial rhodopsins for genetically encoded voltage indicator
82	21	1	3P-192	Kentaro Tao	Social neuronal ensemble in the ventral hippocampus
82	21	3	3S08m-04	Paul W. Glimcher	Normalization Models of Decision-Making
82	21	2	2S06m-04	Junnosuke Teramae	Dual stochasticity in the cortex as a biologically plausible learning with the most efficient coding
85	20	0	1S07a-01	Daoyun Ji	Hippocampal place cells and awake replay in contextual fear memory
85	20	1	2S09a-02	Hikaru Takeuchi	Neural bases of individual differences of creativity
85	20	1	3S06a-03	Kei Watanabe	Identifying functional differences among frontopolar, mid-lateral, and posterior-lateral prefrontal cortices in monkeys.
85	20	1	1S06a-05	Kazuhiko Seki	Non-invasive manipulation of closed-loop neural circuit using a transcranial ultrasound stimulation: an animal model

Rank	View	Like	Number	Presenter	Title
85	20	2	3S05a-01	Hitoshi Okazawa	Discovery of new pathologies and development of new therapeutics based on molecular network analysis against Alzheimer's disease
85	20	2	1O11a-1-02	Takuya Isomura	Creating instant generative models using hierarchical neural networks
85	20	1	3P-199	Lalithadevi Mallarapu	Effect of ER&alpha; polymorphisms in maternal behavior of mouse
92	19	1	1S03a-02	Ryo Aoki	Plasticity of visual cortical circuits driven by millisecond patterned optogenetic manipulations at cellular-level resolution
92	19	0	2S05m-03	Masatoshi Inoue	Single-neuron social representations in prefrontal cortex
92	19	0	1S09m-02	Shiho Kitaoka	The roles of iron metabolism in repeated stress-induced behavioral change
92	19	2	2S03a-03	Kazuo Emoto	Molecular and cellular basis for neural circuit remodeling
92	19	1	1P-016	Hiroyuki Sasakura	Rapid and robust recovery from spinal cord injury: cocktail treatment for re-wiring and against repulsion
92	19	2	2S08m-01	Aya Ishida	MeCP2 Levels Regulate Heterochromatin Structure in vivo
92	19	2	2S03m-04	Kiyoshi Nakahara	Dynamic reconfiguration of large-scale brain networks during memory encoding: Involvement of default-mode submodules
92	19	0	1P-070	Yung-Hao Yang	The impact of conscious states to the pupillary responses as revealed by face inversion effect
92	19	1	3O11m-2-04	Atsuko Honda	Physiological functions of GPSN2, an enzyme synthesizing VLCFA in the neuronal development
101	18	1	3S09a-01	Shinichiro Tsutsumi	Cerebellar cortical involvement in rapid sensorimotor associations
101	18	1	2S07a-06	Takashi Saito	Recognition and communication of glial cells underlying pathogenesis of Alzheimer's disease
101	18	1	3S09m-02	Hokto Kazama	Dynamics of olfactory representations in the &Drosophila memory center
101	18	1	2P-111	Masanori Kawabata	Establishment and demonstration of an analytical method to evaluate neuronal activity during sensorimotor transformation
101	18	0	2P-266	Daisuke Kato	Optical control of neuron and glial cells function by the multi-points stimulation
101	18	1	1O09m-3-03	Jiro Osaka	Functional differences between mitochondrial fusion proteins for axonal degeneration in a Drosophila model of normal tension glaucoma