

# Isao Hasegawa

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,400  
citations

567281

15  
h-index

677142

22  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1823  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mental construction of object symbols from meaningless elements by Japanese macaques (Macaca) Tj ETQq1 1 0.784314 rgBT /Overlbc	3.3	0
2	Decoding distributed oscillatory signals driven by memory and perception in the prefrontal cortex. Cell Reports, 2022, 39, 110676.	6.4	6
3	Prediction-Related Frontal-Temporal Network for Omission Mismatch Activity in the Macaque Monkey. Frontiers in Psychiatry, 2022, 13, 557954.	2.6	6
4	Development of a Self-paced Sequential Letterstring Reading Task to Capture the Temporal Dynamics of Reading a Natural Language. Advanced Biomedical Engineering, 2021, 10, 26-31.	0.6	0
5	Theory of mind tested by implicit false belief: a simple and full-fledged mental state attribution. FEBS Journal, 2021, , .	4.7	0
6	Deep Learning for Channel-Agnostic Brain Decoding across Multiple Subjects. , 2020, , .		0
7	Macaques Exhibit Implicit Gaze Bias Anticipating Others's False-Belief-Driven Actions via Medial Prefrontal Cortex. Cell Reports, 2020, 30, 4433-4444.e5.	6.4	66
8	Deep Learning for Natural Image Reconstruction from Electrocorticography Signals. , 2019, , .		3
9	Locally induced neuronal synchrony precisely propagates to specific cortical areas without rhythm distortion. Scientific Reports, 2018, 8, 7678.	3.3	4
10	Heterogeneous Redistribution of Facial Subcategory Information Within and Outside the Face-Selective Domain in Primate Inferior Temporal Cortex. Cerebral Cortex, 2018, 28, 1416-1431.	2.9	13
11	Associative-memory representations emerge as shared spatial patterns of theta activity spanning the primate temporal cortex. Nature Communications, 2016, 7, 11827.	12.8	18
12	Alternating Zones Selective to Faces and Written Words in the Human Ventral Occipitotemporal Cortex. Cerebral Cortex, 2015, 25, 1265-1277.	2.9	24
13	Super multi-channel recording systems with UWB wireless transmitter for BMI. , 2014, 2014, 5208-11.		5
14	Decoding visual object categories from temporal correlations of ECoG signals. NeuroImage, 2014, 90, 74-83.	4.2	25
15	Simultaneous Recording of Single-Neuron Activities and Broad-Area Intracranial Electroencephalography: Electrode Design and Implantation Procedure. Operative Neurosurgery, 2013, 73, ons146-ons154.	0.8	7
16	Vergence eye movements signifying 3D depth perception from 2D movies. Displays, 2012, 33, 91-97.	3.7	7
17	Simultaneous recording of ECoG and intracortical neuronal activity using a flexible multichannel electrode-mesh in visual cortex. NeuroImage, 2011, 54, 203-212.	4.2	90
18	Local and retrograde gene transfer into primate neuronal pathways via adeno-associated virus serotype 8 and 9. Neuroscience, 2011, 193, 249-258.	2.3	73

#	ARTICLE	IF	CITATIONS
19	Intrasulcal Electrocorcography in Macaque Monkeys with Minimally Invasive Neurosurgical Protocols. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 34.	2.5	46
20	Long-term Remission of Cyclic Cushing's Disease that was Diagnosed and Treated Surgically in Non-active Phase. <i>Endocrine Journal</i> , 2007, 54, 407-412.	1.6	6
21	Prefrontal Neuronal Activity Encodes Spatial Target Representations Sequentially Updated After Nonspatial Target-Shift Cues. <i>Journal of Neurophysiology</i> , 2004, 91, 1367-1380.	1.8	31
22	Functional Magnetic Resonance Imaging of Macaque Monkeys Performing Visually Guided Saccade Tasks. <i>Neuron</i> , 2004, 41, 795-807.	8.1	246
23	Categorizing the world: expert neurons look into key features. <i>Nature Neuroscience</i> , 2002, 5, 90-91.	14.8	17
24	Neural Mechanisms of Memory Retrieval: Role of the Prefrontal Cortex. <i>Reviews in the Neurosciences</i> , 2000, 11, 113-25.	2.9	19
25	Mapping of somatosensory cortices with functional magnetic resonance imaging in anaesthetized macaque monkeys. <i>European Journal of Neuroscience</i> , 1999, 11, 4451-4456.	2.6	30
26	Top-down signal from prefrontal cortex in executive control of memory retrieval. <i>Nature</i> , 1999, 401, 699-703.	27.8	569
27	Memory retrieval under the control of the prefrontal cortex. <i>Annals of Medicine</i> , 1999, 31, 380-387.	3.8	28
28	Consolidation of Visual Associative Long-Term Memory in the Temporal Cortex of Primates. <i>Neurobiology of Learning and Memory</i> , 1998, 70, 197-211.	1.9	61