

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	Top-down signal from prefrontal cortex in executive control of memory retrieval. <i>Nature</i> , 1999, 401, 699-703.	27.8	569
2	Functional Magnetic Resonance Imaging of Macaque Monkeys Performing Visually Guided Saccade Tasks. <i>Neuron</i> , 2004, 41, 795-807.	8.1	246
3	Simultaneous recording of ECoG and intracortical neuronal activity using a flexible multichannel electrode-mesh in visual cortex. <i>NeuroImage</i> , 2011, 54, 203-212.	4.2	90
4	Local and retrograde gene transfer into primate neuronal pathways via adeno-associated virus serotype 8 and 9. <i>Neuroscience</i> , 2011, 193, 249-258.	2.3	73
5	Macaques Exhibit Implicit Gaze Bias Anticipating Others'™ False-Belief-Driven Actions via Medial Prefrontal Cortex. <i>Cell Reports</i> , 2020, 30, 4433-4444.e5.	6.4	66
6	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
7	Intrasulcal Electrooculography in Macaque Monkeys with Minimally Invasive Neurosurgical Protocols. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 34.	2.5	46
8	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
9	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
10	Memory retrieval under the control of the prefrontal cortex. <i>Annals of Medicine</i> , 1999, 31, 380-387.	3.8	28
11	Decoding visual object categories from temporal correlations of ECoG signals. <i>NeuroImage</i> , 2014, 90, 74-83.	4.2	25
12	Alternating Zones Selective to Faces and Written Words in the Human Ventral Occipitotemporal Cortex. <i>Cerebral Cortex</i> , 2015, 25, 1265-1277.	2.9	24
13	Neural Mechanisms of Memory Retrieval: Role of the Prefrontal Cortex. <i>Reviews in the Neurosciences</i> , 2000, 11, 113-25.	2.9	19
14	Associative-memory representations emerge as shared spatial patterns of theta activity spanning the primate temporal cortex. <i>Nature Communications</i> , 2016, 7, 11827.	12.8	18
15	Categorizing the world: expert neurons look into key features. <i>Nature Neuroscience</i> , 2002, 5, 90-91.	14.8	17
16	Heterogeneous Redistribution of Facial Subcategory Information Within and Outside the Face-Selective Domain in Primate Inferior Temporal Cortex. <i>Cerebral Cortex</i> , 2018, 28, 1416-1431.	2.9	13
17	Vergence eye movements signifying 3D depth perception from 2D movies. <i>Displays</i> , 2012, 33, 91-97.	3.7	7
18	Simultaneous Recording of Single-Neuron Activities and Broad-Area Intracranial Electroencephalography: Electrode Design and Implantation Procedure. <i>Operative Neurosurgery</i> , 2013, 73, ons146-ons154.	0.8	7

#	ARTICLE	IF	CITATIONS
19	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
20	Decoding distributed oscillatory signals driven by memory and perception in the prefrontal cortex. <i>Cell Reports</i> , 2022, 39, 110676.	6.4	6
21	Prediction-Related Frontal-Temporal Network for Omission Mismatch Activity in the Macaque Monkey. <i>Frontiers in Psychiatry</i> , 2022, 13, 557954.	2.6	6
22	Super multi-channel recording systems with UWB wireless transmitter for BMI. , 2014, 2014, 5208-11.		5
23	Locally induced neuronal synchrony precisely propagates to specific cortical areas without rhythm distortion. <i>Scientific Reports</i> , 2018, 8, 7678.	3.3	4
24	Deep Learning for Natural Image Reconstruction from Electrocorticography Signals. , 2019, , .		3
25	Deep Learning for Channel-Agnostic Brain Decoding across Multiple Subjects. , 2020, , .		0
26	Development of a Self-paced Sequential Letterstring Reading Task to Capture the Temporal Dynamics of Reading a Natural Language. <i>Advanced Biomedical Engineering</i> , 2021, 10, 26-31.	0.6	0
27	Theory of mind tested by implicit false belief: a simple and full-fledged mental state attribution. <i>FEBS Journal</i> , 2021, , .	4.7	0
28	Mental construction of object symbols from meaningless elements by Japanese macaques (<i>Macaca</i>) Tj ETQq0 0 0 rgBT /Overlçck 10 Tf 5	3.3	0