

# Kiyohisa Natsume

## List of Publications by Year in descending order

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29  
papers

214  
citations

1039406

9  
h-index

1058022

14  
g-index

30  
all docs

30  
docs citations

30  
times ranked

301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of the change in characteristics of self-grooming by the neural network in the latent period of the Rat Kainate Epilepsy model. SICE Journal of Control Measurement and System Integration, 2022, 15, 64-70.	0.4	1
2	Loss of Ftsj1 perturbs codon-specific translation efficiency in the brain and is associated with X-linked intellectual disability. Science Advances, 2021, 7, .	4.7	30
3	Detection of Error-Related Potentials during the Robot Navigation Task by Humans. , 2020, , .		1
4	Magnetic resonance imaging findings of idiopathic normal pressure hydrocephalus and cognitive function before and after ventriculoatrial shunt. Journal of Innovative Optical Health Sciences, 2020, 15, 587.	0.5	0
5	Brain rhythm related to the subjective music preferences. Nonlinear Theory and Its Applications IEICE, 2019, 10, 249-255.	0.4	1
6	The change of picrotoxin-induced epileptiform discharges to the beta oscillation by carbachol in rat hippocampal slices. Biophysics and Physicobiology, 2017, 14, 137-146.	0.5	7
7	The Detection of the Rise to Stand Movements Using Bereitschaftspotential from Scalp Electroencephalography (EEG). SICE Journal of Control Measurement and System Integration, 2017, 10, 149-155.	0.4	5
8	Chemical Stimulation of a Cellular Tissue through a Microhole Array and Multichannel Potential Measurement Using a Microelectrode Array. IEEJ Transactions on Sensors and Micromachines, 2017, 137, 59-64.	0.0	3
9	The bereitschaftspotential for rise of stand-up towards robot-assist device preparation. , 2016, , .		2
10	Overlapped Partitioning for Ensemble Classifiers of P300-Based Brain-Computer Interfaces. PLoS ONE, 2014, 9, e93045.	1.1	11
11	Multi-class ERP-based BCI data analysis using a discriminant space self-organizing map. , 2014, 2014, 26-9.		1
12	Circadian rhythm modulates long-term potentiation induced at CA1 in rat hippocampal slices. Neuroscience Research, 2014, 80, 1-9.	1.0	24
13	Ensemble regularized linear discriminant analysis classifier for P300-based brain-computer interface. , 2013, 2013, 4231-4.		3
14	A new online event related potential based brain-computer interfaces using an ensemble classifier. , 2013, , .		3
15	Brain-Inspired e-Learning System Using EEG. Lecture Notes in Computer Science, 2013, , 25-32.	1.0	1
16	The Rhythms with Different Frequencies in Rodent Brains. The Brain & Neural Networks, 2013, 20, 3-6.	0.1	0
17	Phase dependency of long-term potentiation induction during the intermittent bursts of carbachol-induced $\hat{I}^2$ oscillation in rat hippocampal slices. Biophysics (Nagoya-shi, Japan), 2012, 8, 173-181.	0.4	1
18	The Regulation of Cell-Response Heterogeneities Induced by Astrocytic Intracellular Enzyme Concentration. Seibutsu Butsuri, 2008, 48, 161-166.	0.0	0

#	ARTICLE	IF	CITATIONS
19	The propagation of carbachol-induced $\hat{I}^2$ -oscillation from CA3 to CA1 and dentate gyrus. International Congress Series, 2007, 1301, 123-126.	0.2	0
20	Title is missing!. Journal of the Robotics Society of Japan, 2007, 25, 371-373.	0.0	0
21	The properties of carbachol-induced beta oscillation in rat hippocampal slices. Neuroscience Research, 2006, 54, 95-103.	1.0	28
22	Medial septal modulation of the ascending brainstem hippocampal synchronizing pathways in the freely moving rat. Hippocampus, 2006, 16, 11-19.	0.9	21
23	The model of glutamate-induced intracellular $Ca^{2+}$ oscillation and intercellular $Ca^{2+}$ wave in brain astrocytes. Neurocomputing, 2004, 58-60, 461-467.	3.5	12
24	Involvement of the intracellular $Ca^{2+}$ /calmodulin kinase activation network in the induction of bicuculline-induced epileptic discharges in hippocampal slices, and the brain informatics simulator "HIPPO-STATION". International Congress Series, 2004, 1269, 81-84.	0.2	1
25	Hippocampal theta-related cellular activity in the superior colliculus of the urethane-anesthetized rat. Hippocampus, 1999, 9, 500-509.	0.9	14
26	Suppression of pair-pulse depression of the population spike in the dentate gyrus during carbachol-induced theta-like activity in guinea pig hippocampal slices. Neuroscience Research, 1997, 29, 113-120.	1.0	4
27	Information Propagation by Spatio-Temporal Pattern Change of $Ca^{2+}$ Concentration throughout <i>Physarum polycephalum</i> with Repulsive Stimulation.. Cell Structure and Function, 1993, 18, 111-115.	0.5	16
28	Development of spatio-temporal pattern of $Ca^{2+}$ on the chemotactic behaviour of <i>Physarum plasmodium</i> . Protoplasma, 1992, 166, 55-60.	1.0	24
29	Diurnal rhythm regulates the frequency of carbachol-induced beta oscillation via inhibitory neural system in rat hippocampus. Cognitive Neurodynamics, 0, , 1.	2.3	0