

# Kiyohisa Natsume

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Loss of Ftsj1 perturbs codon-specific translation efficiency in the brain and is associated with X-linked intellectual disability. <i>Science Advances</i> , 2021, 7, .	4.7	30
2	The properties of carbachol-induced beta oscillation in rat hippocampal slices. <i>Neuroscience Research</i> , 2006, 54, 95-103.	1.0	28
3	Development of spatio-temporal pattern of Ca <sup>2+</sup> on the chemotactic behaviour of <i>Physarum plasmodium</i> . <i>Protoplasma</i> , 1992, 166, 55-60.	1.0	24
4	Circadian rhythm modulates long-term potentiation induced at CA1 in rat hippocampal slices. <i>Neuroscience Research</i> , 2014, 80, 1-9.	1.0	24
5	Medial septal modulation of the ascending brainstem hippocampal synchronizing pathways in the freely moving rat. <i>Hippocampus</i> , 2006, 16, 11-19.	0.9	21
6	Information Propagation by Spatio-Temporal Pattern Change of Ca <sup>2+</sup> Concentration throughout <i>Physarum polycephalum</i> with Repulsive Stimulation.. <i>Cell Structure and Function</i> , 1993, 18, 111-115.	0.5	16
7	Hippocampal theta-related cellular activity in the superior colliculus of the urethane-anesthetized rat. <i>Hippocampus</i> , 1999, 9, 500-509.	0.9	14
8	The model of glutamate-induced intracellular Ca <sup>2+</sup> oscillation and intercellular Ca <sup>2+</sup> wave in brain astrocytes. <i>Neurocomputing</i> , 2004, 58-60, 461-467.	3.5	12
9	Overlapped Partitioning for Ensemble Classifiers of P300-Based Brain-Computer Interfaces. <i>PLoS ONE</i> , 2014, 9, e93045.	1.1	11
10	The change of picrotoxin-induced epileptiform discharges to the beta oscillation by carbachol in rat hippocampal slices. <i>Biophysics and Physicobiology</i> , 2017, 14, 137-146.	0.5	7
11	The Detection of the Rise to Stand Movements Using Bereitschaftspotential from Scalp Electroencephalography (EEG). <i>SICE Journal of Control Measurement and System Integration</i> , 2017, 10, 149-155.	0.4	5
12	Suppression of pair-pulse depression of the population spike in the dentate gyrus during carbachol-induced theta-like activity in guinea pig hippocampal slices. <i>Neuroscience Research</i> , 1997, 29, 113-120.	1.0	4
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	Chemical Stimulation of a Cellular Tissue through a Microhole Array and Multichannel Potential Measurement Using a Microelectrode Array. <i>IEEJ Transactions on Sensors and Micromachines</i> , 2017, 137, 59-64.	0.0	3
16	The bereitschaftspotential for rise of stand-up towards robot-assist device preparation. , 2016, , .		2
17	Involvement of the intracellular Ca <sup>2+</sup> /calmodulin kinase activation network in the induction of bicuculline-induced epileptic discharges in hippocampal slices, and the brain informatics simulator "HIPPO-STATION". <i>International Congress Series</i> , 2004, 1269, 81-84.	0.2	1
18	Phase dependency of long-term potentiation induction during the intermittent bursts of carbachol-induced $\hat{\nu}^2$ oscillation in rat hippocampal slices. <i>Biophysics (Nagoya-shi, Japan)</i> , 2012, 8, 173-181.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Multi-class ERP-based BCI data analysis using a discriminant space self-organizing map. , 2014, 2014, 26-9.		1
20	Brain rhythm related to the subjective music preferences. Nonlinear Theory and Its Applications IEICE, 2019, 10, 249-255.	0.4	1
21	Detection of Error-Related Potentials during the Robot Navigation Task by Humans. , 2020, , .		1
22	Brain-Inspired e-Learning System Using EEG. Lecture Notes in Computer Science, 2013, , 25-32.	1.0	1
23	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
24	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
25	Title is missing!. Journal of the Robotics Society of Japan, 2007, 25, 371-373.	0.0	0
26	The Regulation of Cell-Response Heterogeneities Induced by Astrocytic Intracellular Enzyme Concentration. Seibutsu Butsuri, 2008, 48, 161-166.	0.0	0
27	The Rhythms with Different Frequencies in Rodent Brains. The Brain & Neural Networks, 2013, 20, 3-6.	0.1	0
28	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
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