

# Keita Tanaka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10942489/publications.pdf>

Version: 2024-02-01

23  
papers

93  
citations

1684188

5  
h-index

1474206

9  
g-index

23  
all docs

23  
docs citations

23  
times ranked

94  
citing authors

#	ARTICLE	IF	CITATIONS
1	Steady-state MEG responses elicited by a sequence of amplitude-modulated short tones of different carrier frequencies. <i>Hearing Research</i> , 2013, 296, 25-35.	2.0	21
2	Magnetocardiography Signal Reconstruction With Reduced Source Space Based on Current Source Variance. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 1203-1207.	2.1	19
3	Stochastic resonance in auditory steady-state responses in a magnetoencephalogram. <i>Clinical Neurophysiology</i> , 2008, 119, 2104-2110.	1.5	16
4	Perceptual Temporal Asymmetry Associated with Distinct ON and OFF Responses to Time-Varying Sounds with Rising versus Falling Intensity: A Magnetoencephalography Study. <i>Brain Sciences</i> , 2016, 6, 27.	2.3	7
5	A design of EEGNet-based inference processor for pattern recognition of EEG using FPGA. <i>Electronics and Communications in Japan</i> , 2021, 104, 53-64.	0.5	7
6	Auditory Steady-State Responses in Magnetoencephalogram and Electroencephalogram: Phenomena, Mechanisms, and Applications. <i>Advanced Biomedical Engineering</i> , 2013, 2, 55-62.	0.6	6
7	Neurophysiological Evaluation of Right-Ear Advantage During Dichotic Listening. <i>Frontiers in Psychology</i> , 2021, 12, 696263.	2.1	6
8	Stochastic Resonance within the Auditory System Observed when Signal and Noise were Delivered to the Opposite Ears. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2010, 5, 73-78.	1.4	3
9	Neural representation of octave illusion in the human cortex revealed with functional magnetic resonance imaging. <i>Hearing Research</i> , 2018, 359, 85-90.	2.0	3
10	Comparing Methods of Feature Extraction of Brain Activities for Octave Illusion Classification Using Machine Learning. <i>Sensors</i> , 2021, 21, 6407.	3.8	1
11	An Examination of EEG Frequency Components Related to Speech Imagery and Its Identification. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2019, 139, 588-595.	0.2	1
12	Electrical Circuit Modeling for Somatosensory Evoked Fields in Magnetoencephalogram. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2010, 130, 242-248.	0.2	1
13	The Influence of Visual Induction of Positive-negative Emotions on the Somatosensory Cortex. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2016, 136, 1298-1304.	0.2	1
14	Convolutional Neural Network for Octave Illusion Classification. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2022, 142, 543-549.	0.2	1
15	Spatio-Temporal Analysis of Frontal Midline Theta Rhythm in EEG during 3-D Maze Task. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2009, 129, 1778-1784.	0.2	0
16	Measurement Method of Event-related Potential using Attention Trigger. <i>IEEJ Transactions on Sensors and Micromachines</i> , 2012, 132, 362-363.	0.1	0
17	The Detection of Deception Using the Steady-State Visual Evoked Field. <i>IEEJ Transactions on Sensors and Micromachines</i> , 2012, 132, 343-347.	0.1	0
18	Magnetic Detection of the Tip Position of Nutrition Feeding Tube. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2013, 133, 2075-2081.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Magnetoencephalographic Correlates of Apparent Motion Illusion of Beta Movement. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 856-863.	0.2	0
20	Design and Trial Production of Stochastic Resonance Processor using FPGA. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 858-859.	0.2	0
21	A Design of EEGNet based Inference Processor for Pattern Recognition of EEG using FPGA. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 737-746.	0.2	0
22	Neural Processing of Octave Illusion in Auditory Cortex Revealed by Frequency Tagging Method. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 762-768.	0.2	0
23	Superconducting Self-shield and Zero Boil-Off MEG Systems. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 856-857.	0.2	0