

# Keita Tanaka

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Convolutional Neural Network for Octave Illusion Classification. IEEJ Transactions on Electronics, Information and Systems, 2022, 142, 543-549.	0.2	1
2	A design of EEGNet-based inference processor for pattern recognition of EEG using FPGA. Electronics and Communications in Japan, 2021, 104, 53-64.	0.5	7
3	Neurophysiological Evaluation of Right-Ear Advantage During Dichotic Listening. Frontiers in Psychology, 2021, 12, 696263.	2.1	6
4	Comparing Methods of Feature Extraction of Brain Activities for Octave Illusion Classification Using Machine Learning. Sensors, 2021, 21, 6407.	3.8	1
5	Design and Trial Production of Stochastic Resonance Processor using FPGA. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 858-859.	0.2	0
6	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
7	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
8	Superconducting Self-shield and Zero Boil-Off MEG Systems. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 856-857.	0.2	0
9	An Examination of EEG Frequency Components Related to Speech Imagery and Its Identification. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 588-595.	0.2	1
10	Neural representation of octave illusion in the human cortex revealed with functional magnetic resonance imaging. Hearing Research, 2018, 359, 85-90.	2.0	3
11	Perceptual Temporal Asymmetry Associated with Distinct ON and OFF Responses to Time-Varying Sounds with Rising versus Falling Intensity: A Magnetoencephalography Study. Brain Sciences, 2016, 6, 27.	2.3	7
12	The Influence of Visual Induction of Positive-negative Emotions on the Somatosensory Cortex. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 1298-1304.	0.2	1
13	Magnetoencephalographic Correlates of Apparent Motion Illusion of Beta Movement. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 856-863.	0.2	0
14	Steady-state MEG responses elicited by a sequence of amplitude-modulated short tones of different carrier frequencies. Hearing Research, 2013, 296, 25-35.	2.0	21
15	Auditory Steady-State Responses in Magnetoencephalogram and Electroencephalogram: Phenomena, Mechanisms, and Applications. Advanced Biomedical Engineering, 2013, 2, 55-62.	0.6	6
16	Magnetic Detection of the Tip Position of Nutrition Feeding Tube. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 2075-2081.	0.2	0
17	Measurement Method of Event-related Potential using Attention Trigger. IEEJ Transactions on Sensors and Micromachines, 2012, 132, 362-363.	0.1	0
18	The Detection of Deception Using the Steady-State Visual Evoked Field. IEEJ Transactions on Sensors and Micromachines, 2012, 132, 343-347.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Magnetocardiography Signal Reconstruction With Reduced Source Space Based on Current Source Variance. IEEE Transactions on Magnetics, 2010, 46, 1203-1207.	2.1	19
20	Stochastic Resonance within the Auditory System Observed when Signal and Noise were Delivered to the Opposite Ears. IEEJ Transactions on Electrical and Electronic Engineering, 2010, 5, 73-78.	1.4	3
21	Electrical Circuit Modeling for Somatosensory Evoked Fields in Magnetoencephalogram. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 242-248.	0.2	1
22	Spatio-Temporal Analysis of Frontal Midline Theta Rhythm in EEG during 3-D Maze Task. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 1778-1784.	0.2	0
23	Stochastic resonance in auditory steady-state responses in a magnetoencephalogram. Clinical Neurophysiology, 2008, 119, 2104-2110.	1.5	16