

# Takashi Numata

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/948089/publications.pdf>

Version: 2024-02-01

24  
papers

83  
citations

1684188

5  
h-index

1588992

8  
g-index

25  
all docs

25  
docs citations

25  
times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving affective human–virtual agent communication by enabling virtual agents to imitate positive expressions. <i>Scientific Reports</i> , 2020, 10, 5977.	3.3	17
2	Denosing of neuronal signal from mixed systemic low-frequency oscillation using peripheral measurement as noise regressor in near-infrared imaging. <i>Neurophotonics</i> , 2019, 6, 1.	3.3	15
3	A device for co-culturing autonomic neurons and cardiomyocytes using micro-fabrication techniques. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 341-348.	1.3	12
4	Rearrangeable and exchangeable optical module with system-on-chip for wearable functional near-infrared spectroscopy system. <i>Neurophotonics</i> , 2017, 5, 1.	3.3	11
5	Multiple-Time-Scale Analysis of Attention as Revealed by EEG, NIRS, and Pupil Diameter Signals During a Free Recall Task: A Multimodal Measurement Approach. <i>Frontiers in Neuroscience</i> , 2019, 13, 1307.	2.8	10
6	Simultaneous Classification of Multiple Motor Imagery and P300 for Increase in Output Information of Brain–Computer Interface. <i>Electronics and Communications in Japan</i> , 2015, 98, 47-54.	0.5	4
7	Young and Elderly Users' Emotion Recognition of Dynamically Formed Expressions Made by a Non-Human Virtual Agent. , 2019, , .		4
8	Circadian changes of influence of swallowing on heart rate variability with respiratory-phase domain analysis. , 2013, 2013, 5377-80.		3
9	Extraction of Response Waveforms of Heartbeat and Blood Pressure to Swallowing. <i>Methods of Information in Medicine</i> , 2015, 54, 179-188.	1.2	2
10	High–Accuracy Extraction of Respiratory Sinus Arrhythmia with Statistical Processing Using Normal Distribution. <i>Electronics and Communications in Japan</i> , 2013, 96, 23-32.	0.5	1
11	Relationship of Speech Activity to Subjective Ratings and Performance during a Convergent Creative Problem Solving Task Involving Communication Among Three People. , 2019, , .		1
12	Co-culture of Parasympathetic Neurons and Cardiomyocyte. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2015, 135, 813-818.	0.2	1
13	Relationship Between Subjective Ratings of Answers and Behavioral and Autonomic Nervous Activities During Creative Problem-Solving via Online Conversation. <i>Frontiers in Neuroscience</i> , 2021, 15, 724679.	2.8	1
14	Method for evaluation of fractal properties from data with noisy observational errors. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2013, 8, 247-252.	1.4	0
15	Evaluation of Cardiovascular Response to Scent Stimulation for Biofeedback Application. <i>Electronics and Communications in Japan</i> , 2016, 99, 21-28.	0.5	0
16	Identification of Factors Supporting Co-Creative Consensus Building and Proposals for the Communication Environment. <i>Procedia Computer Science</i> , 2020, 176, 2366-2374.	2.0	0
17	High Accuracy Extraction of Respiratory Sinus Arrhythmia with Statistical Processing using Normal Distribution. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2012, 132, 96-103.	0.2	0
18	Evaluation of Fractal Properties of Long Term Heartbeat Fluctuations of Spinal Cord Injury Patients. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2012, 132, 1547-1551.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Simultaneous Classification of Multiple Motor Imagery and P300 for Increase in Output Information of Brain-computer Interface. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 635-641.	0.2	0
20	Removing Cardiovascular Fluctuations from Near-infrared Spectroscopy Signals using General Linear Model. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1670-1677.	0.2	0
21	Evaluation of Cardiovascular Response to Scent Stimulation for Biofeedback Application. IEEJ Transactions on Electronics, Information and Systems, 2015, 135, 45-51.	0.2	0
22	Evaluating Responses of Circulatory Systems, Sweating and Pupil Diameter to Postural Change. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 1141-1147.	0.2	0
23	Development and Calibration of Reassembled Ultrasonic Diagnosis Robot. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 1133-1140.	0.2	0
24	VR in Virtual Agents. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2021, 33, 82-88.	0.0	0