

Takashi Numata

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

83
citations

1684188
5
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1588992
8
g-index

25
all docs

25
docs citations

25
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	VR in Virtual Agents. <i>Journal of Japan Society for Fuzzy Theory and Intelligent Informatics</i> , 2021, 33, 82-88.	0.0	0
3	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
4	Achieving affective human-virtual agent communication by enabling virtual agents to imitate positive expressions. <i>Scientific Reports</i> , 2020, 10, 5977.	3.3	17
5	Young and Elderly Users' Emotion Recognition of Dynamically Formed Expressions Made by a Non-Human Virtual Agent. , 2019, , .		4
6	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
7	Denoising 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
8	Relationship of Speech Activity to Subjective Ratings and Performance during a Convergent Creative Problem Solving Task Involving Communication Among Three People. , 2019, , .		1
9	Evaluating Responses of Circulatory Systems, Sweating and Pupil Diameter to Postural Change. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2018, 138, 1141-1147.	0.2	0
10	Development and Calibration of Reassembled Ultrasonic Diagnosis Robot. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2018, 138, 1133-1140.	0.2	0
11	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
12	Evaluation of Cardiovascular Response to Scent Stimulation for Biofeedback Application. <i>Electronics and Communications in Japan</i> , 2016, 99, 21-28.	0.5	0
13	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
14	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
15	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
16	Co-culture of Parasympathetic Neurons and Cardiomyocyte. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2015, 135, 813-818.	0.2	1
17	Evaluation of Cardiovascular Response to Scent Stimulation for Biofeedback Application. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2015, 135, 45-51.	0.2	0
18	Removing Cardiovascular Fluctuations from Near-infrared Spectroscopy Signals using General Linear Model. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2014, 134, 1670-1677.	0.2	0

#	ARTICLE	IF	CITATIONS
19	High Accuracy Extraction of Respiratory Sinus Arrhythmia with Statistical Processing Using Normal Distribution. Electronics and Communications in Japan, 2013, 96, 23-32.	0.5	1
20	Method for evaluation of fractal properties from data with noisy observational errors. IEEJ Transactions on Electrical and Electronic Engineering, 2013, 8, 247-252.	1.4	0
21	Circadian changes of influence of swallowing on heart rate variability with respiratory-phase domain analysis. , 2013, 2013, 5377-80.		3
22	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
23	High Accuracy Extraction of Respiratory Sinus Arrhythmia with Statistical Processing using Normal Distribution. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 96-103.	0.2	0
24	Evaluation of Fractal Properties of Long Term Heartbeat Fluctuations of Spinal Cord Injury Patients. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 1547-1551.	0.2	0